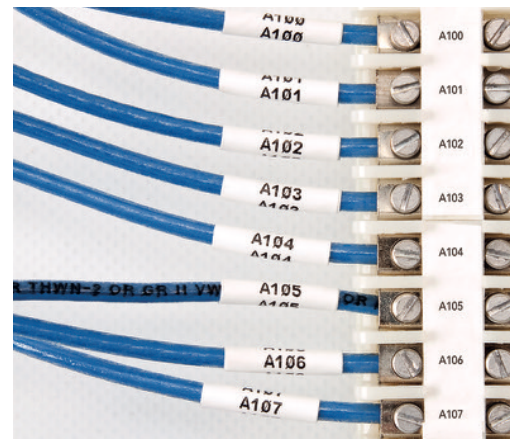




# Industrial, Electronic & Electrical Identification



# About BRADY



**Once you have worked with BRADY, our name will stick with you, (just like our labels) because BRADY is one of the world's leading labelling and identification specialists.**

## Innovative

At BRADY we continue to improve. We have many customers from all industries, and we strive to be ahead of their needs by continuing to invest in research for even more performant solutions. By developing more user-friendly and efficient concepts, we give our thousands of customers the best in the market.

## Strength

At BRADY, we believe our biggest strength is the wide range of identification and safety solutions we can offer our customers, whether it's labelling the smallest component or complete signage for an entire warehouse. We're also proud to offer many products and services - from printers, scanners and software to service contracts and on-site training - that compliment any identification job. And don't forget, our wide network of expert distributors can always offer you a tailor-made solution to meet your specific requirements.

## Trust

For over a hundred years, BRADY has been connected with quality, trust and stability. We demand the best for your products and services, because we know, better than anyone, the importance of good and reliable identification. Identification looks like a small detail, but every professional knows that this kind of detail is crucial to any business.

## Inform

We also have specialised dealers in your region, who can answer all your identification, safety and labelling questions, specific to your activity. They will be happy to provide you with all kinds of options and solutions with no obligation.

Microsoft is a trademark of Microsoft Corporation, Bluetooth is a trademark of Bluetooth Sig, Inc., Android is a trademark of Google Inc.



Brady products are sold on the condition that the purchaser will test them in actual use and determine for himself/herself their suitability to his/her intended purpose. Brady warrants to the purchaser that Brady products are free from defects in material and workmanship but limits its obligation under this warranty to the replacement of the product which has been shown to Brady's satisfaction to have been defective at the time of its purchase.

The warranty does not extend to any persons who have acquired the product from the purchaser. It is in lieu of any other warranty, including every warranty of sale-ability, marketability or suitability for the intended purpose, and is also in lieu of any other obligation or liability on the part of Brady.

Under no circumstances will Brady be liable for losses, damage, costs or subsequent damage of whatever nature which may arise in connection with the use of, or inability to use, Brady's products.



# Industrial, Electronic & Electrical Identification

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## The Brady Advantage

When it comes to identification, safety and compliance, there's a clear advantage to working with Brady. We put our customers first in everything we do.

Our goal is to give you an unrivalled customer experience. We are relentlessly committed to performance and excellence - in our products, services and people.

Our products and solutions perform in ways that others simply can't match. Our people perform in ways that regularly exceed your expectations, and our focus and discipline work toward solid, long-term performance for our customers.

In short, Brady is the company you trust when performance matters most.

**Learn more about the Brady Advantage at:**  
**[www.bradyeurope.com](http://www.bradyeurope.com)**



## BRADY IDENTIFICATION MATERIALS

PRODUCTS THAT PERFORM. QUALITY THAT LASTS.

At Brady, we have a steadfast commitment to provide our customers with unrivalled products and an unrivalled buying experience. We use customer feedback to continually design, improve and innovate our products to serve all of your needs, from general identification solutions to custom engineered labels.

With more than 20 label material patents, Brady works to provide customers with innovative products of the highest technological quality. Our Tobey Research Centre material science team, including 10 PhD's, develop and rigorously test all of our products to ensure high performance, industry compliance, durability and reliability. Our world-class label series are engineered to be long-lasting, withstand the harshest environments and work for a variety of applications. When it comes to identifying and tracking products, equipment and components, Brady is the company you trust when performance matters most.



### Custom Capabilities also available!

Brady offers a variety of technological capabilities including solvent, aqueous and silicone coating, slitting, die-cutting, laser prototypes, thermal transfer printing, offset, screen and pad printing, automated visual inspection and UV, solvent and waterbased inks.

Contact a Brady representative for more information on how to order your custom labels.



### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material?

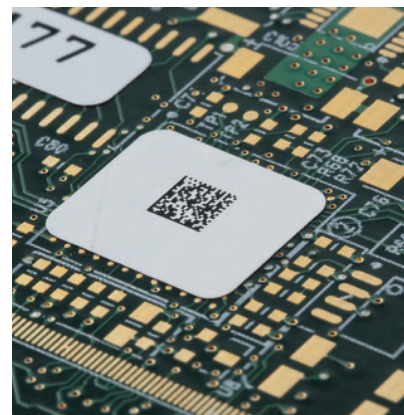
Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information







# Identification Reference Guide

Use this reference guide to get a quick overview on label materials, printers, software and barcode readers. More in-depth information regarding printers and materials can be found throughout the catalogue.

## Label Materials

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## Printers

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# Advantages of labelling

## Ever lost time figuring out where each wire goes?

Durable professional labels that remain legible and stay attached in harsh conditions are extremely important to keep power, network, voice and data cables and components organised and running effectively.

## Professional identification on wires, cables and components enables you to:

- immediately recognise what needs checking during troubleshooting
- clearly mark parts for upcoming maintenance upgrades
- trace history, lifespan and supplier
- add safety warnings or precautions

Ask yourself how much time or money you lose while trying to trace an unidentified faulty cable, wire or component.

Ask yourself how fast pressure builds when machinery, production lines, servers and services are impacted.

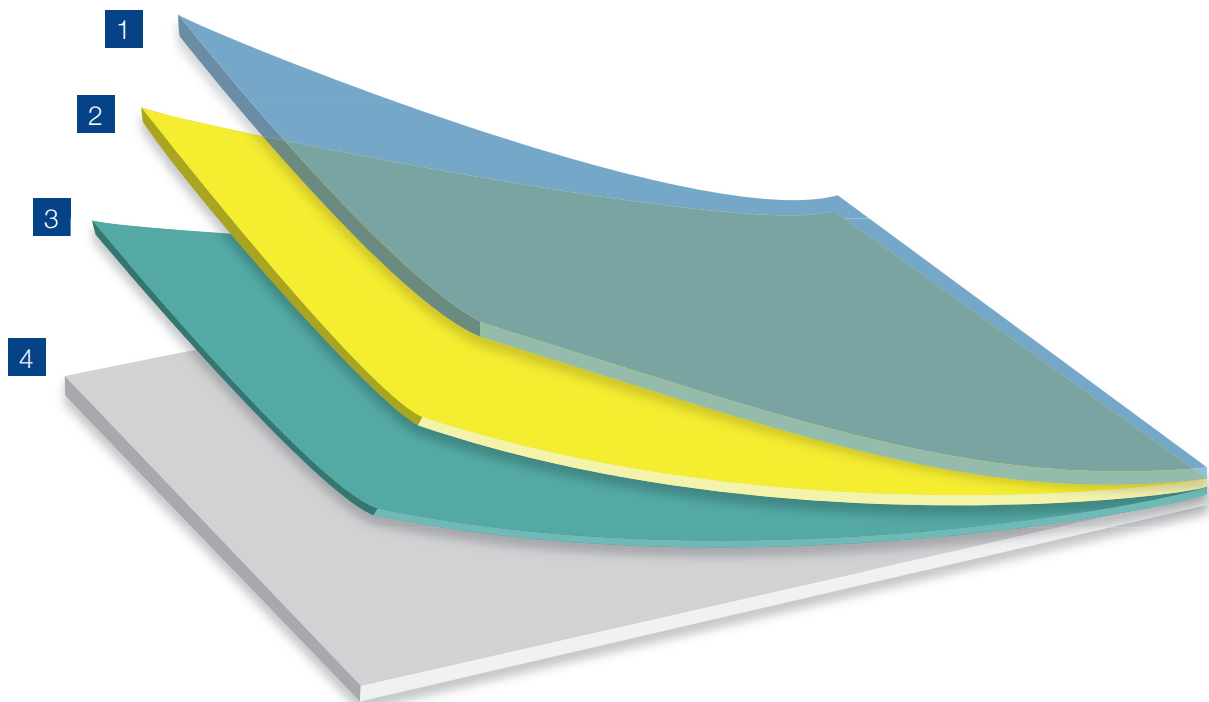
**This is when professional labelling pays off big time.**



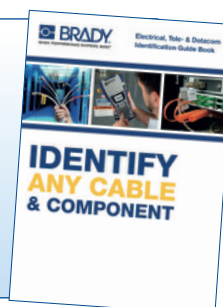
# What is a professional label ?

The combination of label liner, adhesive, substrate and topcoat provide a professional label's features, resistances, capabilities and durability.

- 1 The topcoat gives the label its colour and finish, receives the print, and increases resistance against weathering, flames, chemicals or heat.
- 2 The substrate gives the label its form and provides tensile properties such as strength and flexibility and physical properties such as chemical and temperature resistance.
- 3 The adhesive attaches the label to a chosen surface type and ensures resistance against a set of environmental contexts.
- 4 The label liner is a very thin carrier that releases the self-adhesive label.



Which label suits your needs best?  
Request your Electrical, Tele- & Datacom  
Identification Guide book to help you  
choose the optimal Brady Label Material  
for your application at  
[www.bradyeurope.com/cableID](http://www.bradyeurope.com/cableID).





Brady's brands of labels that are geared toward applications where high performance, durability, industry compliance, and adherence to specifications are requirements. The new product lines include Brady's popular label materials, which are grouped by their specific performance features –making it easier for customers to choose the product best suited for their application needs.



## CleanLift™ Series

### Removable Labels

- REMOVES WITHOUT SCRAPING OR SURFACE DAMAGE
- EXCELLENT SOLVENT AND HEAT RESISTANCE
- DIVERSE RANGE OF APPLICATIONS



Brady CleanLift™ Series Removable Labels are engineered for durable and long-lasting performance. Our custom removable adhesives allow for clean and easy removal when ready to pull off - no damage to surfaces or scraping required.



These removable labels offer good solvent and heat resistance and are ideal for identifying electronic and other components, work in process identification and general purpose applications.



## Defender™ Series

### Tamper-evident Labels

- IRREVERSIBLE, VISIBLE EVIDENCE OF TAMPERING
- PROTECTS WARRANTY FRAUD, PRODUCT TAMPERING OR ASSET THEFT
- CHEMICAL, TEMPERATURE AND ABRASION RESISTANCE



Brady Defender™ Series tamper-evident seals and tamper indicating labels are custom engineered to provide print on demand, irreversible, visible evidence of label tampering to protect against warranty fraud, product tampering, altering, misuse or asset theft.



Multiple options are available, including fracturing labels and labels that leave a footprint when removed. Ideal for product and component identification, rating and serial plates, these quality labels are engineered for superior chemical, temperature and abrasion resistance.



## MetaLabel™ Series

### Metallised Labels

- METALLIC APPEARANCE - NAMEPLATE QUALITY
- RESISTANCE TO HARSH CHEMICALS AND ABRASION
- TRUE METAL FILMS FOR SPEC COMPLIANCE



Brady MetaLabel™ Series Metallised Labels provide a durable print on demand option for rating plate and asset tag applications for a desired metallic look. These labels offer superior resistance to harsh chemicals and heavy abrasion.



Brady MetaLabel™ Series label materials meet certain military, SAE and other specifications and are ideal for high quality/density barcode labels, asset identification, serial and rating plates.



## ToughBond™ Series

### Aggressive Adhesive Labels

- UP TO SIX ADHESION VALUES
- FOR ROUGH OR OIL/GREASE COVERED SURFACES
- NO EXTENSIVE SURFACE PREPARATION NEEDED



Brady ToughBond™ Series Aggressive Adhesive Labels are engineered for the toughest and most demanding industrial surfaces without extensive cleaning or surface preparation.



These label series offer permanent identification and outstanding adhesion that is up to three times higher than standard adhesives, making it ideal for rough, powder-coated and low surface energy applications. Ideal for product and component identification, high-quality/density barcode labels, asset and inventory tracking, rating plates and general ID.



## WorkHorse™ Series

### Harsh Environment Labels

- ENGINEERED FOR THE HARSHTEST ENVIRONMENTS
- SURVIVES HARSH CHEMICALS, ABRASION AND TEMPERATURES
- BROAD RANGE OF APPLICATIONS



Brady WorkHorse™ Series Harsh Environment Labels are custom engineered to meet the exact needs of the harshest environments across many different applications. They are made of durable, heavy-duty materials with adhesives to keep the label adhered to smooth surfaces through exposure to harsh chemicals, abrasion and temperatures.

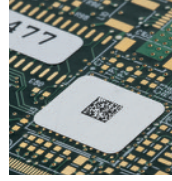
These series are ideal for high quality/density barcoding, product and component identification, rating and serial plates, asset and inventory tracking and general identification.



## UltraTemp™ Series

### High Heat Labels

- SURVIVES HIGH HEAT (260°C) AND HARSH CHEMICALS
- PERFORMS IN REFLOW, WAVE SOLDER AND BOARD WASHING
- USABLE WITH ESD AND AUTO-APPLY EQUIPMENT



Brady UltraTemp™ High Heat Labels can withstand temperatures up to 260°C for 5 minutes along with powerful chemicals and cleaning processes used in PCB assembly, equipment and component manufacturing. These high heat label materials can improve your processes and reduce operating costs by identifying products throughout the entire manufacturing process.

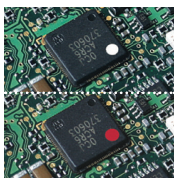
Brady UltraTemp™ Series label materials are rigorously tested for heat, chemical and abrasion resistance to ensure optimal performance in reflow, wave solder and board washing processes. Available in a variety of options, including anti-static and labels that can be used with auto-apply equipment, this series is ideal for printed circuit board identification or any high heat applications.



## VisAlert™ Series

### Indicating Labels

- IMMEDIATE VISUAL INDICATION OF WATER OR HEAT EXPOSURE
- CONTINUALLY MONITOR PRODUCT, COMPONENTS OR EQUIPMENT
- VARIOUS RANGES AND DESIGNS



Brady VisAlert™ Series Indicating Labels are designed to provide immediate visual indication of water or heat exposure. Water indicating labels change from white to bright red when exposed to water, without triggering false positives. Temperature indicating labels offer continuous monitoring and record an (ir)reversible reading for the temperature attained.

These labels can prevent frequent breakdowns and shortened equipment life due to overuse or exposure to harmful elements as well as prevent fraud or product misuse. Ideal for motors, gear boxes, electrical equipment and product or component monitoring, these labels are available in various designs and ranges.

## PRODUCT PERFORMANCE ICONS

Brady's implementation of a series of attribute icons provides customers with at-a-glance information on performance attributes for each of the label materials. Watch for these icons through the catalogue to help you easily identify product performance features that fit your needs.



Look for these icons when using our parts catalogue, website, and more!

### Abrasion Resistance



- Resistance proven with testing on Taber Abraser equipment with CS10 grinding wheels and weighted arms.

### Electrostatic Dissipative



- Indicated material has surface resistivity values in the recommended range for Dissipative ESD Packaging Materials.

### Fuel/Oil Resistance



- Resistance proven with Immersion Test in Gasoline, Break Fluid, SAE 30wt Oil, JP-8 Jet Fuel, MIL-H- 5606 Oil.

### High Heat Resistance



- Resistance to 100°C.

### Low Temperature Resistance



- Labels subjected to -40°C, -70°C or -80°C for 30 days or 1000 hours.

### Outdoor Durability



- Favourable UV & weatherability testing equating to 3 years or greater outdoor durability.

### Removable



- Indicates material can be removed cleanly with no adhesive residue left on surface.

### Self-extinguishing Anti-flammability



- Flammability average burn time = <30 seconds
- Flame spread index of 0.

### Solvent/Chemical Resistance



- Resistance proven with MEK / Acetone / Toluene / Xylene Immersion Test.

### Tamper-indicating



- Materials indicate tampering through a visible fractured label or footprint.

### Temperature-indicating



- Indicates highest temperature exposure or current temperature.

### Ultra-aggressive Adhesion



- Measures the force required to remove label from the surface with a 180° peel and a constant rate of 12 inch/min.

### Water-indicating



- Indicates presence of liquid.



Need More Information? View The Technical Data Sheets  
Brady offers online access to Technical Data Sheets for all Brady materials. View by a specific B-Number or search by relevant keywords.  
Visit [www.bradyeurope/tds](http://www.bradyeurope/tds) for more information.



## Material Brands & Attributes

|                                                                                                               |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                                               | WorkHorse™<br>Labels                                                              | MetaLabel™<br>Series                                                              | ToughBond™<br>Series                                                              | Defender™<br>Series                                                                 | CleanLift™<br>Series                                                                | UltraTemp™<br>Series                                                                |
|  Abrasion Resistance         | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  Electrostatic Dissipative   | ✓                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | ✓                                                                                   |
|  Fuel/Oil Resistance         | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  High Heat Resistance        | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  Low Temperature Resistance  | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  Removable                   | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   | ✓                                                                                   | -                                                                                   |
|  Solvent/Chemical Resistance | ✓                                                                                 | ✓                                                                                 | ✓                                                                                 | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   |
|  Tamper-indicating           | -                                                                                 | -                                                                                 | -                                                                                 | ✓                                                                                   | -                                                                                   | -                                                                                   |
|  Ultra-aggressive Adhesive   | -                                                                                 | ✓                                                                                 | ✓                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   |

## Recommended Material Applications

|                                     |  |  |  |  |  |  |
|-------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                     | WorkHorse™<br>Labels                                                                | MetaLabel™<br>Series                                                                | ToughBond™<br>Series                                                                | Defender™<br>Series                                                                   | CleanLift™<br>Series                                                                  | UltraTemp™<br>Series                                                                  |
| UL / CSA                            | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     | ✓                                                                                     |
| Component / Equipment ID            | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     | -                                                                                     |
| Barcode / Data-coding               | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | ✓                                                                                     |
| Inventory Tracking                  | ✓                                                                                   | -                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | -                                                                                     |
| Asset Tracking                      | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | ✓                                                                                     | ✓                                                                                     | ✓                                                                                     |
| Rating Plate                        | ✓                                                                                   | ✓                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | -                                                                                     |
| General ID                          | ✓                                                                                   | -                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | -                                                                                     |
| Over-laminate                       | ✓                                                                                   | -                                                                                   | ✓                                                                                   | -                                                                                     | ✓                                                                                     | -                                                                                     |
| Ultra-aggressive Adhesive           | -                                                                                   | ✓                                                                                   | ✓                                                                                   | -                                                                                     | -                                                                                     | -                                                                                     |
| Circuit Board ID / High Temperature | ✓                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     | ✓                                                                                     | ✓                                                                                     |
| Tamper-indicating                   | -                                                                                   | -                                                                                   | -                                                                                   | ✓                                                                                     | -                                                                                     | -                                                                                     |
| DoD UID*                            | -                                                                                   | -                                                                                   | ✓                                                                                   | -                                                                                     | -                                                                                     | ✓                                                                                     |

\*The Department of Defense Unique Identification program (DoD UID) is the asset tracking method used to manage inventory in the Defense Supply Chain.

# Portable Printer Comparison Guide

Use the following comparison guide to quickly see which printer best fits your application needs. Then turn to the following pages to find out more about each printer, compatible materials and print ribbons.

## 2 YEAR WARRANTY



|                                                | BMP™21-PLUS Label Printer                                                                                                                                                                      | BMP™41 Label Printer                                                                                                                                                                        |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                            |                                                                                                                                                                                                |                                                                                                                                                                                             |
| <b>Electrical, voice- &amp; datacomm. ID</b>   |                                                                                                                                                                                                |                                                                                                                                                                                             |
| Wire & Cable Marking                           | ✓                                                                                                                                                                                              | ✓✓✓                                                                                                                                                                                         |
| Component Marking                              | ✓✓                                                                                                                                                                                             | ✓✓✓                                                                                                                                                                                         |
| <b>General &amp; Industrial ID</b>             |                                                                                                                                                                                                |                                                                                                                                                                                             |
| Asset & Component Marking                      | ✓                                                                                                                                                                                              | ✓✓                                                                                                                                                                                          |
| <b>Electronics ID</b>                          |                                                                                                                                                                                                |                                                                                                                                                                                             |
| Circuit Board Marking                          |                                                                                                                                                                                                |                                                                                                                                                                                             |
| Component Marking                              |                                                                                                                                                                                                |                                                                                                                                                                                             |
| <b>Technical Specifications</b>                |                                                                                                                                                                                                |                                                                                                                                                                                             |
| <b>Max. Label Width (mm)</b>                   | 19.00 mm                                                                                                                                                                                       | 25.40 mm                                                                                                                                                                                    |
| <b>Max. Print Width (mm)</b>                   | 16.00 mm                                                                                                                                                                                       | 24.40 mm                                                                                                                                                                                    |
| <b>Min. Label Width (mm)</b>                   | 6.40 mm                                                                                                                                                                                        | 6 mm                                                                                                                                                                                        |
| <b>Materials Supported</b>                     | 60+ standard parts: continuous tapes                                                                                                                                                           | 100+ standard parts: continuous tapes, die cut labels                                                                                                                                       |
| <b>Label Colours</b>                           |                                                                                                                                                                                                |                                                                                                                                                                                             |
| <b>Display</b>                                 | Monocolour LCD Screen                                                                                                                                                                          | Monocolour LCD Screen                                                                                                                                                                       |
| <b>Print Resolution (dpi)</b>                  | 203                                                                                                                                                                                            | 300                                                                                                                                                                                         |
| <b>Text Sizes (pt)</b>                         | 6 - 40 pt                                                                                                                                                                                      | 4 - 72 pt                                                                                                                                                                                   |
| <b>Built-in Symbols</b>                        | 104 symbols included                                                                                                                                                                           | 450 symbols included                                                                                                                                                                        |
| <b>Serialisation</b>                           | Simple & Single Advanced                                                                                                                                                                       | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                                                                                                 |
| <b>Keyboard Type</b>                           | ABC                                                                                                                                                                                            | QWERTY                                                                                                                                                                                      |
| <b>Language Support</b>                        | Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Slovak, Slovenian, Spanish, Swedish, Turkish | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian (Bokmål), Portuguese, Spanish, Swedish                                                                                  |
| <b>Power Supply</b>                            | 6 AA Batteries<br>Rechargeable Battery<br>AC Adaptor                                                                                                                                           | AC Adaptor<br>Rechargeable Battery<br>Battery Charger                                                                                                                                       |
| <b>Print Speed (mm/sec)</b>                    | 10                                                                                                                                                                                             | 33                                                                                                                                                                                          |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone                                                                                                                                                                                    | Stand-alone & Peripheral                                                                                                                                                                    |
| <b>Connectivity Options</b>                    | —                                                                                                                                                                                              | USB                                                                                                                                                                                         |
| <b>Cutter</b>                                  | Manual cut<br>With label retention                                                                                                                                                             | Manual cut<br>With label retention                                                                                                                                                          |
| <b>Internal Memory Capacity</b>                | —                                                                                                                                                                                              | 48 MB - up to 25,000 labels                                                                                                                                                                 |
| <b>Bar Code Type</b>                           | Code 39 and 128                                                                                                                                                                                | Code 39 and 128, other via software                                                                                                                                                         |
| <b>Software Compatibility</b>                  | -                                                                                                                                                                                              | Brady Workstation, LabelMark, CodeSoft                                                                                                                                                      |
| <b>Width (mm) x Height x Length</b>            | 125 mm x 50 mm x 235 mm                                                                                                                                                                        | 150 mm x 90 mm x 290 mm                                                                                                                                                                     |
| <b>Weight (kg)</b>                             | 0.75 kg                                                                                                                                                                                        | 1.30 kg                                                                                                                                                                                     |
| <b>Includes</b>                                | This printer ships in a hard case with a Li-ion Battery and a Power Cord                                                                                                                       | This printer ships in a hard case with a Nickel Battery Pack, MC1 - 1000-595-WT-BK cartridge, USB cable, AC adapter, Power Cord, Product CD, Brady printer Drivers CD and Quick Start Guide |
| <b>Warranty</b>                                | 2 years                                                                                                                                                                                        | 2 years                                                                                                                                                                                     |

# Portable Printer Comparison Guide



|                                                | BMP™51 Label Maker                                                                                                                                                                                                              | BMP™61 Label Printer                                                                                                                                                                                               | BMP™71 Label Printer                                                                                                                                                                                                                                                                                |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                            |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| <b>Electrical, voice- &amp; datacomm. ID</b>   |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| Wire & Cable Marking                           | ✓✓✓✓                                                                                                                                                                                                                            | ✓✓✓✓✓                                                                                                                                                                                                              | ✓✓✓✓✓                                                                                                                                                                                                                                                                                               |
| Component Marking                              | ✓✓✓                                                                                                                                                                                                                             | ✓✓✓✓                                                                                                                                                                                                               | ✓✓✓✓✓                                                                                                                                                                                                                                                                                               |
| <b>General &amp; Industrial ID</b>             |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| Asset & Component Marking                      | ✓✓                                                                                                                                                                                                                              | ✓✓✓                                                                                                                                                                                                                | ✓✓✓✓                                                                                                                                                                                                                                                                                                |
| <b>Electronics ID</b>                          |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| Circuit Board Marking                          |                                                                                                                                                                                                                                 | ✓✓✓✓                                                                                                                                                                                                               | ✓✓✓✓                                                                                                                                                                                                                                                                                                |
| Component Marking                              |                                                                                                                                                                                                                                 | ✓✓✓✓✓                                                                                                                                                                                                              | ✓✓✓✓✓                                                                                                                                                                                                                                                                                               |
| <b>Technical Specifications</b>                |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| <b>Max. Label Width (mm)</b>                   | 38.10 mm                                                                                                                                                                                                                        | 50.80 mm                                                                                                                                                                                                           | 50.80 mm                                                                                                                                                                                                                                                                                            |
| <b>Max. Print Width (mm)</b>                   | 36.00 mm                                                                                                                                                                                                                        | 48.76 mm                                                                                                                                                                                                           | 45.97 mm                                                                                                                                                                                                                                                                                            |
| <b>Min. Label Width (mm)</b>                   | 6.40 mm                                                                                                                                                                                                                         | 6.40 mm                                                                                                                                                                                                            | 6.40 mm                                                                                                                                                                                                                                                                                             |
| <b>Materials Supported</b>                     | 200+ standard parts : continuous tapes and die cut labels                                                                                                                                                                       | 600+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes.                                                                                                                 | 400+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes                                                                                                                                                                                                   |
| <b>Label Colours</b>                           |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    | <p>Custom made colours possible</p>                                                                                                                                                                                                                                                                 |
| <b>Display</b>                                 | Monocolour LCD Screen                                                                                                                                                                                                           | Colour Touch Screen                                                                                                                                                                                                | Colour LCD Screen                                                                                                                                                                                                                                                                                   |
| <b>Print Resolution (dpi)</b>                  | 300                                                                                                                                                                                                                             | 300                                                                                                                                                                                                                | 300                                                                                                                                                                                                                                                                                                 |
| <b>Text Sizes (pt)</b>                         | 4 - 102 pt                                                                                                                                                                                                                      | 4 - 174 pt                                                                                                                                                                                                         | 4 - 174 pt                                                                                                                                                                                                                                                                                          |
| <b>Built-in Symbols</b>                        | 450 symbols included                                                                                                                                                                                                            | 450 symbols included                                                                                                                                                                                               | 500+ symbols included                                                                                                                                                                                                                                                                               |
| <b>Serialisation</b>                           | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                                                                                                                                     | Multiple & Linked                                                                                                                                                                                                  | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                                                                                                                                                                                                         |
| <b>Keyboard Type</b>                           | QWERTY                                                                                                                                                                                                                          | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                                                                                                                   | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                                                                                                                                                                                                    |
| <b>Language Support</b>                        | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian (Bokmål), Portuguese, Spanish, Swedish                                                                                                                      | Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish | Danish, Dutch, English, Finnish, French, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Spanish, Swedish                                                                                                                                                                                |
| <b>Power Supply</b>                            | AC Adaptor<br>8 AA Batteries<br>Rechargeable Battery                                                                                                                                                                            | AC Adaptor<br>Rechargeable Battery                                                                                                                                                                                 | AC Adaptor<br>Rechargeable Battery                                                                                                                                                                                                                                                                  |
| <b>Print Speed (mm/sec)</b>                    | 25.40                                                                                                                                                                                                                           | 33.8                                                                                                                                                                                                               | 38.10                                                                                                                                                                                                                                                                                               |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone & Peripheral                                                                                                                                                                                                        | Stand-alone & Peripheral                                                                                                                                                                                           | Stand-alone & Peripheral                                                                                                                                                                                                                                                                            |
| <b>Connectivity Options</b>                    | USB, Bluetooth. Optional: Ethernet, WiFi                                                                                                                                                                                        | USB 2.0, USB Flash Drive, Optional WiFi (factory installed)                                                                                                                                                        | USB                                                                                                                                                                                                                                                                                                 |
| <b>Cutter</b>                                  | Manual cut<br>Between labels or at end of print job<br>With label retention                                                                                                                                                     | Manual cut<br>Between labels or at end of print job                                                                                                                                                                | Manual cut<br>Between labels or at end of print job                                                                                                                                                                                                                                                 |
| <b>Internal Memory Capacity</b>                | 48 MB - up to 25.000 labels                                                                                                                                                                                                     | 512MB - up to 250.000 labels                                                                                                                                                                                       | 200 MB - up to 100,000 labels                                                                                                                                                                                                                                                                       |
| <b>Bar Code Type</b>                           | Code 39 and 128, other via software                                                                                                                                                                                             | Code 39 and 128, other via software                                                                                                                                                                                | Code 39 and 128, other via software                                                                                                                                                                                                                                                                 |
| <b>Software Compatibility</b>                  | Brady Workstation, LabelMark, CodeSoft                                                                                                                                                                                          | Brady Workstation, Brady Mobile Apps, LabelMark                                                                                                                                                                    | Brady Workstation, LabelMark, MarkWare                                                                                                                                                                                                                                                              |
| <b>Width (mm) x Height x Length</b>            | 155 mm x 90 mm x 255 mm                                                                                                                                                                                                         | 107 mm x 106 mm x 328 mm                                                                                                                                                                                           | 241.30 mm x 116.80 mm x 332.70 mm                                                                                                                                                                                                                                                                   |
| <b>Weight (kg)</b>                             | 1.40 kg                                                                                                                                                                                                                         | 1.5                                                                                                                                                                                                                | 2.49 kg                                                                                                                                                                                                                                                                                             |
| <b>Includes</b>                                | This printer ships in a hard case with a Rechargeable Lithium Ion Battery, USB Cable, AC adaptor + power cord, Product CD, Brady Printer Drivers CD, Quick Start Guide, a Bluetooth network card and an MC1-1000-422 cartridge. | This printer ships in a hard case holding a USB cable, a quick start guide, a battery pack, an AC Adapter, a CD with driver, a product CD, a hand strap, a roll of PTL-19-423 and an M61-R6010 ribbon.             | This printer kit ships in a hard case with Rechargeable NiMH Battery, AC Adaptor, USB Communications Cable, TLS2200® / HandiMark™ Material Roll Adaptor, Quick Start Guide, Product CD (w/ Printer Driver, Tutorials, Full User's Guide), Cleaning Kit, M71C-2000-595-WT, M71-31-423 and M71-R6000. |
| <b>Warranty</b>                                | 2 years                                                                                                                                                                                                                         | 2 years                                                                                                                                                                                                            | 2 years                                                                                                                                                                                                                                                                                             |



# Benchtop Printer Comparison Guide

Use the following comparison guide to quickly see which benchtop printer best fits your application needs. Then turn to the printer section to find out more about the printer, compatible materials and ribbons.



|                                                | BBPTM12 Label Printer                                                                                                                                                                                                                                                                                                                                             | BBPTM33 Desktop Thermal Transfer Printer                                                                                                                                                                                                                             | IP™ Thermal Transfer Printer                                                                                                                                                                                                                             |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The Brady BBPTM12 label printer is a compact, reliable, affordable entry level thermal transfer benchtop printer. Ideal for customers requiring low volume printing on lots of different materials within the electrical, voice and datacom, LAB and specialized electronics markets. It allows you to print labels, tapes, cable markers, sleeves and much more. | Completely hassle free, easy to use PC-based printer. Smart chip supplies automatically set up the label in your Brady software. Drop-in ribbon and label cartridges ensure fast and effortless material changes.                                                    | The revolutionary IP™ Printer System - gives you "Hassle Free" printing. The Brady IP Printer is a fully integrated, easy-to-use printer, material, and software system. Smart Cell technology allows the printer, materials, and ribbon to communicate! |
| <b>Applications</b>                            | Asset Identification; Barcode Labelling; Wire & Cable Marking; Laboratory identification                                                                                                                                                                                                                                                                          | Low and mid-volume applications where frequent material change-overs are needed. The best solution for inexperienced users wanting easy training and multi-user scenarios. Full ranges of materials for Wire & Cable ID, Facility ID, Product ID & Circuit Board ID. | Mid-volume applications when frequent material change-overs are needed, and for inexperienced users wanting easy training. Ideal for asset ID, cable and wire ID, circuit board ID, bar coding.                                                          |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                                                                                                                                                                                                                                                    | 8 hours/5 days                                                                                                                                                                                                                                                       | 8 hours/5 days                                                                                                                                                                                                                                           |
| <b>Recommended Usage per Day</b>               | 500                                                                                                                                                                                                                                                                                                                                                               | 1000                                                                                                                                                                                                                                                                 | 5000                                                                                                                                                                                                                                                     |
| <b>Software Compatibility</b>                  | Brady Workstation, LabelMark, Windows based driver for 3rd party software use, CodeSoft                                                                                                                                                                                                                                                                           | Brady Workstation, LabelMark, MarkWare, Windows based driver for 3rd party software use, CodeSoft                                                                                                                                                                    | Brady Workstation, LabelMark, Windows based driver for 3rd party software use, CodeSoft                                                                                                                                                                  |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                                                                                                                                        | Monocolour                                                                                                                                                                                                                                                           | Monocolour                                                                                                                                                                                                                                               |
| <b>Connectivity Options</b>                    | Serial, USB, Ethernet                                                                                                                                                                                                                                                                                                                                             | USB, Ethernet. Optional: WiFi, Bluetooth                                                                                                                                                                                                                             | USB, Serial, Ethernet. Optional: WiFi                                                                                                                                                                                                                    |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone & Peripheral                                                                                                                                                                                                                                                                                                                                          | Peripheral                                                                                                                                                                                                                                                           | Stand-alone & Peripheral                                                                                                                                                                                                                                 |
| <b>Cutter</b>                                  | None                                                                                                                                                                                                                                                                                                                                                              | Auto Cutter                                                                                                                                                                                                                                                          | None                                                                                                                                                                                                                                                     |
| <b>Hardware Options</b>                        | Peel & Present, Universal Keyboard                                                                                                                                                                                                                                                                                                                                | —                                                                                                                                                                                                                                                                    | Cutter                                                                                                                                                                                                                                                   |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                                                                                                                                                                                                                             | 4 GB                                                                                                                                                                                                                                                                 | 64 MB                                                                                                                                                                                                                                                    |
| <b>Memory - Ram/Flash</b>                      | 128 MB                                                                                                                                                                                                                                                                                                                                                            | 4 GB                                                                                                                                                                                                                                                                 | 8 MB                                                                                                                                                                                                                                                     |
| <b>Label Dimension Limits</b>                  | Max. Width: 112 mm<br>Min. Width: 10 mm                                                                                                                                                                                                                                                                                                                           | Max. Width: 106 mm<br>Min. Width: 6.35 mm<br>Min. Height: 6.35 mm                                                                                                                                                                                                    | Max. Width: 105.66 mm<br>Min. Width: 6.40 mm<br>Min. Height: 3.20 mm                                                                                                                                                                                     |
| <b>Maximum Print Width (mm)</b>                | 105.60 mm                                                                                                                                                                                                                                                                                                                                                         | 101.60 mm                                                                                                                                                                                                                                                            | 105.60 mm                                                                                                                                                                                                                                                |
| <b>Print Speed (mm/sec)</b>                    | 101.6                                                                                                                                                                                                                                                                                                                                                             | 101.60                                                                                                                                                                                                                                                               | 200                                                                                                                                                                                                                                                      |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                                                                                                                                  | Thermal Transfer                                                                                                                                                                                                                                                     | Thermal Transfer                                                                                                                                                                                                                                         |
| <b>Print Resolution (dpi)</b>                  | 300                                                                                                                                                                                                                                                                                                                                                               | 300                                                                                                                                                                                                                                                                  | 300 / 600                                                                                                                                                                                                                                                |
| <b>Specialty Material Recommendations</b>      |                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
| Raised Panel labels (B-593, B-7593)            | Not Recommended                                                                                                                                                                                                                                                                                                                                                   | standard parts in B-593, custom parts in B-7593                                                                                                                                                                                                                      | Acceptable (with special printer settings)                                                                                                                                                                                                               |
| Heatex™ Cable Markers                          | Not Recommended                                                                                                                                                                                                                                                                                                                                                   | Applicable                                                                                                                                                                                                                                                           | Acceptable (with special printer settings)                                                                                                                                                                                                               |
| PermaSleeves (B-342, B-345)                    | Not Recommended                                                                                                                                                                                                                                                                                                                                                   | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                  | Recommended (single-sided format only)                                                                                                                                                                                                                   |
| Diesel Resistant PermaSleeve Markers (B-7646)  | Not Recommended                                                                                                                                                                                                                                                                                                                                                   | Not applicable                                                                                                                                                                                                                                                       | Acceptable                                                                                                                                                                                                                                               |
| ZH PermaSleeve Markers (B-7641)                | Not Recommended                                                                                                                                                                                                                                                                                                                                                   | Not applicable                                                                                                                                                                                                                                                       | Acceptable (single-sided format only)                                                                                                                                                                                                                    |
| HX PermaSleeve Markers (B-7642)                | Not Recommended                                                                                                                                                                                                                                                                                                                                                   | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                  | Acceptable (single-sided format only)                                                                                                                                                                                                                    |
| Self-laminating Labels (B-427)                 | Recommended                                                                                                                                                                                                                                                                                                                                                       | Recommended                                                                                                                                                                                                                                                          | Recommended                                                                                                                                                                                                                                              |
| Custom labels (only approved B-numbers)        | Applicable                                                                                                                                                                                                                                                                                                                                                        | Applicable                                                                                                                                                                                                                                                           | Applicable                                                                                                                                                                                                                                               |

# Benchtop Printer Comparison Guide



|                                                | BradyPrinter i7100 Industrial Label Printer                                                                                                                                                                                                                                                                                                                                                   | BSP™61 Print & Apply-System                                                                                                                                        | BBP™72 Double-sided Sleeve Printer                                                                               | Wraptor A6500 Wire ID Printer Applicator                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The BradyPrinter i7100 industrial thermal transfer benchtop printer is ideal for customers requiring reliable high volume printing on lots of different materials within the Aerospace, Defence and Mass Transit, Electronics, Automotive, Logistics, Electrical, Voice-Datcom and LAB markets. It guarantees accurate printing on sleeves, tags, labels, tapes, cable markers and much more. | Print and apply system precision developed for applications such as PCB assembly and marking, component and product marking in high quality.                       | Higher volume printer designed specifically for printing double-sided sleeves in larger quantity print job sizes | Wraptor™ A6500 Wire ID Printer Applicator. Automate your wire identification process. The Wraptor A6500 Wire Identification Printer Applicator can significantly increase production output by identifying cables with wrap-around labels in 5 seconds. The Wraptor automatically prints and applies the label on a wide range of insertable cables, saving up to 10 seconds per identified cable. |
| <b>Applications</b>                            | General & Industrial Identification; Circuit Board & Component Identification; Wire & Cable Marking; Laboratory Identification                                                                                                                                                                                                                                                                | Higher volume applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics and manufacturing. | High Volume Permasleeve™ Wire Marking Sleeves Printing (double-sided format only).                               | Cable & Wire Identification                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Hours of Operation</b>                      | 7 days/24 hours                                                                                                                                                                                                                                                                                                                                                                               | 24 hours/ 7 days                                                                                                                                                   | 24 hours/7 days                                                                                                  | 24 hours/7 days                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Recommended Usage per Day</b>               | 7000                                                                                                                                                                                                                                                                                                                                                                                          | 7000                                                                                                                                                               | 7000                                                                                                             | 7000                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Software Compatibility</b>                  | LabelMark, CodeSoft                                                                                                                                                                                                                                                                                                                                                                           | LabelMark, Windows based driver for 3rd party software use, CodeSoft                                                                                               | Brady Workstation, LabelMark, Windows based driver for 3rd party software use, CodeSoft                          | Brady Workstation, LabelMark                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                                                                                                                                                                    | Monocolour                                                                                                                                                         | Monocolour                                                                                                       | Monocolour                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Connectivity Options</b>                    | USB, Serial, Parallel, Ethernet                                                                                                                                                                                                                                                                                                                                                               | Serial, USB. Optional: Ethernet                                                                                                                                    | Serial, USB. Optional: Ethernet                                                                                  | USB, Ethernet                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone & Peripheral                                                                                                                                                                                                                                                                                                                                                                      | —                                                                                                                                                                  | Stand-alone & Peripheral                                                                                         | Stand-alone & Peripheral                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cutter</b>                                  | None                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                                                                                  | None                                                                                                             | —                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Hardware Options</b>                        | Cutter with Tray, Cutter Perforator, Present Sensor, Peel Off, Rewinder, Platen Rollers                                                                                                                                                                                                                                                                                                       | Applicators                                                                                                                                                        | Cutter                                                                                                           | —                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Internal Memory Capacity</b>                | 256 MB                                                                                                                                                                                                                                                                                                                                                                                        | 64 MB                                                                                                                                                              | 64 MB                                                                                                            | 32 GB                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Memory - Ram/Flash</b>                      | —                                                                                                                                                                                                                                                                                                                                                                                             | 8 MB                                                                                                                                                               | 8 MB                                                                                                             | Memory expandable through USB                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Label Dimension Limits</b>                  | Max. Label Width: 110mm<br>Min. Label Width: 4mm<br>Min. Label Height : 4mm - 6mm (for the peel-version)                                                                                                                                                                                                                                                                                      | Max. Width: 58.00 mm (BSP61-62) or 114 mm (BSP61-34)<br>Min. Width: 4.00 mm (BSP61-62) or 10 mm (BSP61-34)<br>Min. Height: 4.00 mm (BSP61-62) or 8 mm (BSP61-34)   | Max. Width: 106.00 mm<br>Min. Width: 4.00 mm<br>Max. Height: 1000 mm<br>Min. Height: 5.00 mm                     | Max. Width: 50.80 mm<br>Min. Width: 6.35 mm<br>Max. Height: 76.2 mm<br>Min. Height: 19.05 mm                                                                                                                                                                                                                                                                                                       |
| <b>Max. Print Width (mm)</b>                   | 105.7 mm                                                                                                                                                                                                                                                                                                                                                                                      | 57.00 mm (BSP61-62) / 105.60 mm (BSP61-34)                                                                                                                         | 105.60 mm                                                                                                        | 50.80 mm                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Print Speed (mm/sec)</b>                    | up to 300                                                                                                                                                                                                                                                                                                                                                                                     | 100 mm/sec (BSP61-62)<br>250 mm/sec (BSP61-34)                                                                                                                     | 125 mm/sec                                                                                                       | —                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                                                                                                                                                              | Thermal Transfer                                                                                                                                                   | Thermal Transfer                                                                                                 | Thermal Transfer                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Print Resolution (dpi)</b>                  | 300 / 600                                                                                                                                                                                                                                                                                                                                                                                     | 300 / 600                                                                                                                                                          | 300                                                                                                              | 300                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Specialty Material Recommendations</b>      |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Raised Panel labels (B-593, B-7593)            | Recommended                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                                                                                  | Not Recommended                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| Heatex™ Cable Markers                          | Recommended                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                                                                                  | Not Recommended                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| PermaSleeves (B-342, B-345)                    | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| Diesel Resistant PermaSleeve Markers (B-7646)  | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                  | Recommended                                                                                                      | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| ZH PermaSleeve Markers (B-7641)                | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| HX PermaSleeve Markers (B-7642)                | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| Self-laminating Labels (B-427)                 | Recommended                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                                                                                  | -                                                                                                                | Recommended                                                                                                                                                                                                                                                                                                                                                                                        |
| Custom labels (only approved B-numbers)        | Applicable                                                                                                                                                                                                                                                                                                                                                                                    | Applicable                                                                                                                                                         | Applicable                                                                                                       | Applicable                                                                                                                                                                                                                                                                                                                                                                                         |

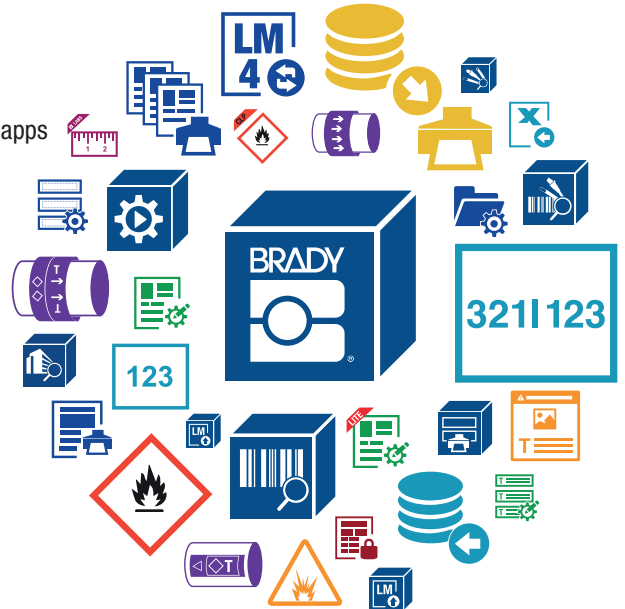
## BRADY WORKSTATION

BRADY WORKSTATION OFFERS PROFESSIONAL, INTUITIVE APPS TO DESIGN QUALITY PRODUCT AND CABLE LABELS AND SAFETY SIGNS. LABEL DESIGN BECOMES EASIER, FASTER AND QUICKLY ADAPTABLE TO NEW LABEL NORMS THANKS TO CENTRALISED UPDATES.

## Select the apps you need

Simply select the apps you need, download the 30-day trial and purchase when satisfied. Available product, cable, safety and facility identification apps enable you to:

- design and edit custom labels and signs
- design label templates and lock elements for consistency
- create text-only cable labels
- automate label creation
- easily import data
- easily set up complex label sequences
- easily design CLP-chemical labels
- print lockout procedures, tags and energy source labels
- design safety and facility signs.



**Available in multiple languages**

Brady Workstation apps are available in more than 20 languages, including English, French, German, Russian, Spanish, Italian, Polish and Dutch. Select your language before downloading from the drop down menu.

## Easily connect to your printer

Brady Workstation works seamlessly with a range of Brady desktop and portable printers. Brady's high-end label printers also offer bi-directional communication with Brady Workstation and will inform users if they have to switch label materials to print specific label designs. Printer compatibility is shown in Brady Workstation on an app by app basis.

**TRY IT TODAY! DOWNLOAD BRADY WORKSTATION AT [WORKSTATION.BRADYID.COM](http://WORKSTATION.BRADYID.COM)**



## APPS FOR PRODUCT, CABLE & WIRE, AND SAFETY LABEL & SIGN DESIGN

Design custom labels and signs, edit label templates and plug in extra tools to gain efficiency with high value, multifunctional apps.

| Application                                                                                                        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | Availability |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <br><b>Print Partner</b>          | Save time, reduce errors and establish label consistency with the Print Partner app. Non-editable fields keep label layouts and information safe, while users can easily enter data into variable fields and then print. This app works with both Brady Workstation and LabelMark templates.                                                                                                                                                   | <b>PAID</b>  |
| <br><b>Manage Files</b>           | Need to see and organise your label files from all of your apps in one place? The Manage Files app lets you manage all of your saved files from one screen, with options to preview, categorise and delete your files without going into each app separately.                                                                                                                                                                                  | <b>FREE</b>  |
| <br><b>Label Settings</b>         | Save time and reduce errors by setting default horizontal and vertical printing adjustments when using specific label supplies with a specific printer. The Label Settings app also allows you to define custom label supplies for use with Brady Workstation, similar to the "Custom Parts feature in LabelMark.                                                                                                                              | <b>FREE</b>  |
| <br><b>Batch Print</b>            | The Batch Print app is your one-stop shop for grouping files to print together. By batching similar files together to print as one job, you can save ribbon and tape materials. And if you need to print the same files again and again, you can save your jobs for faster reprints.                                                                                                                                                           | <b>FREE</b>  |
| <br><b>Sequence</b>               | With the Sequence add-on module, you can create a separate label for each value in a numeric or alphanumeric sequence. The sequence is defined by setting the starting number, total number of labels and increment interval. It works with Custom Designer, Custom Designer Lite, Text Labels and Print Partner apps.                                                                                                                         | <b>FREE</b>  |
| <br><b>Excel Import</b>         | The Excel Import add-on module lets you import Excel data onto your labels, creating a separate label for each row in your spreadsheet. It supports both .xls and .xlsx formats, and works with Custom Designer, Custom Designer Lite, Text Labels and Print Partner apps.                                                                                                                                                                     | <b>FREE</b>  |
| <br><b>Template Editor</b>      | For more consistent, accurate labels, the Template Editor add-on module available in Custom Designer, Custom Designer Lite and Text Labels editor apps allows you to set elements on your labels to be editable or locked. Once completed, your finished templates can be used in Print Partner or Data Automation apps to easily enter data onto your labels.                                                                                 | <b>PAID</b>  |
| <br><b>Advanced Sequence</b>    | Define a sequence with multiple counters and create a separate label for each value in the sequence with the Advanced Sequence add-on module. You can set each counter to increment independently or after a different counter has finished. It works with Custom Designer, Custom Designer Lite, Text Labels and Print Partner apps.                                                                                                          | <b>PAID</b>  |
| <br><b>Advanced Import</b>      | When you need data-import capabilities beyond Excel, use the Advanced Import add-on module. It creates a separate label for each item in the source data imported from .CSV, .TXT, Excel, MS Access, OLE DB and SQL. In addition, you can filter and sort, edit your SQL query and select individual records to import. This module works with Custom Designer, Custom Designer Lite, Text Labels and Print Partner apps.                      | <b>PAID</b>  |
| <br><b>Custom Designer Lite</b> | When all you need is a simple label editor to add text, bar codes, graphics and shapes to your labels, Custom Designer Lite is the ideal tool. This "no frills label editing app also lets you customise labels created in any other Brady Workstation app.                                                                                                                                                                                    | <b>FREE</b>  |
| <br><b>Custom Designer</b>      | When you need full label creation capabilities to streamline your work and maximise your investment, Custom Designer is the app of choice. This premier label editing app includes all of the features of Custom Designer Lite, plus more barcodes, linked objects, label error checking, subscript/superscript, advanced editing tools and more. It also opens saved "graphics mode files from LabelMark 5 and 6 without the need to convert. | <b>PAID</b>  |
| <br><b>Print Ruler</b>          | Print a simple ruler that you can apply when and where you need it. "Brady Labs are experimental apps or features not ready for full release. Test them out for us, then let us know what you think!                                                                                                                                                                                                                                           | <b>FREE</b>  |



## APPS FOR PRODUCT, AND CABLE & WIRE LABEL DESIGN

Quickly design text only label, automate label data imports, or switch from horizontal to vertical label data alignment with practical apps for product and cable label design.

| Application                                                                                                    | Description                                                                                                                                                                                                                                                                                                                                                                                                 | Availability |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|  <b>LabelMark 4 Converter</b> | Do you have LabelMark 4 files? The LabelMark 4 Converter does just what it says: converts your files for use in Brady Workstation. You can convert a single file or all files in a single folder at once. (You do NOT need this utility for files from LabelMark 5 or 6, as these files can be opened directly within Custom Designer, Custom Designer Pro or Text Labels without needing to convert them.) | <b>FREE</b>  |
|  <b>Data Automation</b>       | Save time and reduce errors with Data Automation. By automatically importing data into a pre-defined label template and printing to a designated printer, this app allows label printing to become a part of your daily processes seamlessly. It runs in the background so you won't have to interrupt your work just to print a label.                                                                     | <b>PAID</b>  |
|  <b>Flip Flop</b>             | Automatically swap text items horizontally or vertically on your labels with the Flip Flop add-on module. This is especially useful for DataCom applications when you just need to reorder your data. It works with Custom Designer, Custom Designer Lite and Text Labels apps.                                                                                                                             | <b>PAID</b>  |
|  <b>Text Labels</b>           | When you need just a few lines of text for a wire or cable marker, the Text Labels app provides a simple, streamlined experience. It enables you to enter text easily and shows you how many lines of text will fit onto your label. If you have saved "line mode files from LabelMark 5 and 6, this app fully supports opening them, with no conversion required.                                          | <b>PAID</b>  |

## APPS FOR SAFETY LABEL & SIGN DESIGN

Easily design safety signs, pipe markers, Lockout/Tagout procedures, arc flash labels and CLP-labels with intuitive apps for safety sign and label design.

| Application                                                                                                          | Description                                                                                                                                                                                                                                                                                               | Availability |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|  <b>CLP (GHS)</b>                 | Creating chemical labels that meet European CLP requirements just got simpler. After you've entered the data from your SDS once, you can quickly and easily create any sized CLP label at any time. Need bilingual labels? Those are also supported in the app.                                           | <b>PAID</b>  |
|  <b>GHS Labels</b>                | Creating GHS labels is now amazingly simple. We've streamlined the process so you can easily enter the data from your SDS sheets once, then create and print any size GHS label at any time. Need bilingual labels? Those are also supported in the app.                                                  | <b>PAID</b>  |
|  <b>Lockout Writer</b>            | Save time and keep employees safe with the Lockout Writer app. This intuitive tool allows you to create, store and print simple lockout procedures, the associated tags and energy source labels quickly and easily.                                                                                      | <b>PAID</b>  |
|  <b>Pipemarker (CLP)</b>          | When you need the pipe markers to comply with the CLP European pipe marker standards, Pipe Marker (CLP) is your solution. Utilising pre-defined templates and layouts, this app allows you to create the customised pipe markers you need to meet the specific requirements established for your country. | <b>PAID</b>  |
|  <b>Pipemarker (CLP-Rollform)</b> | For times when you need a CLP-compliant pipe marker that also wraps around your pipe, use the Pipe Marker (CLP-Rollform) app. With this app and its pre-defined templates, you can create the customised pipe markers you need using a roll-form layout to wrap around your pipe.                         | <b>PAID</b>  |
|  <b>Arrow Tape</b>                | Beyond creating a compliant pipe marker, you need to know which direction the pipe contents are flowing in. The Arrow Tape app uses pre-defined templates and layouts to help you create a strip of repeating arrows or icons to wrap around your pipe, showing content direction.                        | <b>PAID</b>  |
|  <b>Express Signs</b>             | Create your signs in no time! With the Express Signs app, simply pick a template, enter your information and print it in minutes. Want to try a different look? With just a single click, you can pick another layout – and don't worry, the sign information you entered will stay the same.             | <b>PAID</b>  |
|  <b>Arc Flash</b>                 | Quickly and easily create NFPA-compliant arc flash labels with the Arc Flash app. Enter or import the assessment data for your equipment, then use the built-in templates to create and print your labels with a few simple clicks. This includes the latest 2015 updates to the NFPA 70E standard.       | <b>FREE</b>  |

## LABEL & SIGN CREATION SUITES

Every Brady Workstation app can be downloaded, tested and purchased separately. Additionally, Brady Workstation also includes several label design suites that combine apps frequently used to create product identification labels, cable identification labels, safety signs and labels, or to set up automatic label creation processes.

|                                                                                     |                           |  |  |  |  |  |  |  |  |              |
|-------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
| Applications                                                                        |                           | LabelMark Upgrade Suite                                                           | Basic Design Suite                                                                | Product & Wire Identification Suite                                               | Product Identification Suite                                                      | Wire Identification Suite                                                         | Safety & Facility Identification Suite                                              | Data Automation Suite                                                               | Print Partner Suite                                                                 | Availability |
|    | Advanced Import           | ★                                                                                 |                                                                                   | ★                                                                                 | ★                                                                                 | ★                                                                                 |                                                                                     |                                                                                     | ★                                                                                   | PAID         |
|    | Advanced Sequence         | ★                                                                                 |                                                                                   | ★                                                                                 | ★                                                                                 | ★                                                                                 |                                                                                     |                                                                                     | ★                                                                                   | PAID         |
|    | Arrow Tape                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | ★                                                                                   |                                                                                     |                                                                                     | PAID         |
|    | Batch Print               | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                   |                                                                                     |                                                                                     | FREE         |
|    | CLP (GHS) *               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     | PAID         |
|    | Custom Designer           | ★                                                                                 |                                                                                   | ★                                                                                 | ★                                                                                 |                                                                                   | ★                                                                                   | ★                                                                                   |                                                                                     | PAID         |
|    | Data Automation           |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | ★                                                                                   |                                                                                     | PAID         |
|   | Excel Import              | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                   |                                                                                     | ★                                                                                   | FREE         |
|  | Express Signs             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | ★                                                                                   |                                                                                     |                                                                                     | PAID         |
|  | Flip Flop                 | ★                                                                                 |                                                                                   | ★                                                                                 |                                                                                   | ★                                                                                 |                                                                                     |                                                                                     |                                                                                     | PAID         |
|  | LabelMark 4 Converter *   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     | FREE         |
|  | Manage Files              | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                   | ★                                                                                   | ★                                                                                   | FREE         |
|  | Pipemarker (CLP)          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | ★                                                                                   |                                                                                     |                                                                                     | PAID         |
|  | Pipemarker (CLP-Rollform) |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | ★                                                                                   |                                                                                     |                                                                                     | PAID         |
|  | Print Partner             | ★                                                                                 |                                                                                   | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                   |                                                                                     | ★                                                                                   | PAID         |
|  | Sequence                  | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                   |                                                                                     | ★                                                                                   | FREE         |
|  | Template Editor           | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                   | ★                                                                                   |                                                                                     | FREE         |
|  | Text Labels               | ★                                                                                 |                                                                                   | ★                                                                                 |                                                                                   | ★                                                                                 |                                                                                     |                                                                                     |                                                                                     | PAID         |
|  | Label Settings            | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                 | ★                                                                                   | ★                                                                                   |                                                                                     | FREE         |
|  | Custom Designer Lite      |                                                                                   | ★                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     | FREE         |



The Basic Design Suite is free and enables users to immediately start designing professional labels and signs before moving on to the more advanced Custom Designer app.



\* App is sold separately and not available as part of a suite.



### BRADY WORKSTATION PRINT PARTNER

ENSURE LABEL CONSISTENCY, LOCK YOUR LABEL TEMPLATES!

#### Separate label completion and printing from label design

Brady Workstation Print Partner allows you to deploy a print-only version in your workplace, where label design capabilities should be disabled.

A label might be a crucial part in a traceability process, requiring consistency. Brady Workstation Print Partner ensures the user can not accidentally change the labels.

Brady Workstation Print Partner comes with a simplified user interface, providing only the required label completion functionality, preventing the user from modifying the label template design.

In this way it reduces the need for training as well as human errors all at the same time!

#### Omit accidental label layout changes

Because end users never touch or modify the label creation templates, the labels are printed as intended without any accidental label layout changes.

#### Reduce time

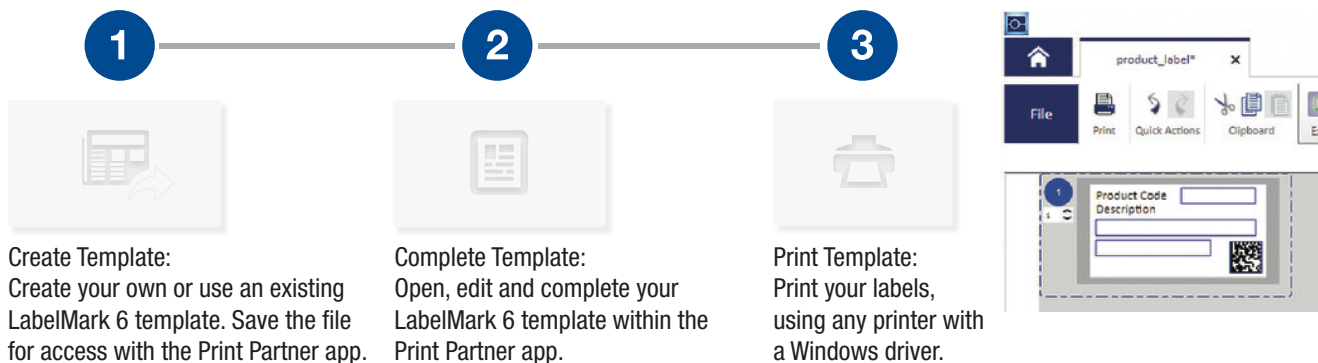
The simplicity of Brady Workstation Print Partner allows users to start printing labels, without needing to understand the aspects of label creation. The user doesn't need extended user training, as he'll only be able to complete designated fields on a label template.

There are multiple ways to complete the label template:

- Manually  
By typing the info in the designated fields  
There is a choice to duplicate this data on multiple labels, in this way the content will be repeated on each printed label or only on one label.
- Import data from an Excel Sheet in just a few clicks by using the Excel import plug-in
- Serialised data can be created by inserting a sequence.



#### Print consistent labels in 1, 2, 3



#### Other functionalities

- Template-sharing  
Open a label template from any location available on your desktop. Be it:  
A local hard drive  
A shared network folder
- Recently used...  
All the latest templates used show up in the 'Recent'-tab, so no need to search long time for the label you used previously. This 'Recent'-view can be cleaned up easily by hitting the Delete-key.



#### Combine with LabelMark™ 6!

Brady Workstation Print Partner and Brady Workstation Data Automation are companions to Brady LabelMark™ 6 Label Creation Software. LabelMark™ 6 offers easy label template creation.

## BRADY WORKSTATION DATA AUTOMATION

AUTOMATE YOUR LABELLING PROCESS.

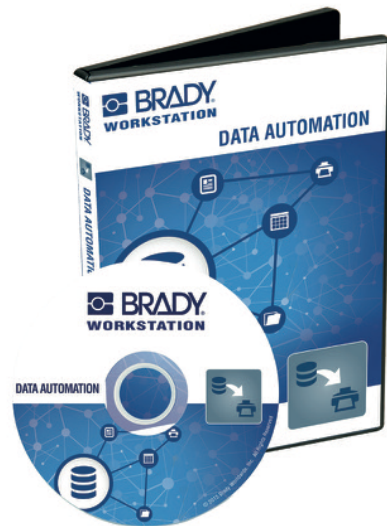
Add information straight from your ERP-system (such as SAP®)

Brady Workstation Data Automation allows you to easily integrate automated label printing in your workplace.

Brady Workstation Data Automation is designed to be simple. In just a few clicks you'll be up and running in no time:

- Select a label template
- Indicate where the data should be placed
- Select your printer.

It's the perfect solution for your labelling and integration needs: import data automatically from your system onto a predefined label and send it to the printer, all without human interaction!



### Multiple channels

A channel is a combination of incoming data, label template and printer. Brady Workstation Data Automation comes by default with 5 channels, allowing you to configure 5 different input locations, templates and printers, all with your initial purchase. More channels can be purchased when required.



Consult the video of the Brady Workstation Print Partner and Data Automation system on line.

### Reduce time, errors and accidental label layout changes

Automated label printing will reduce accidental errors, the need for user training and time needed for data entry.

Because end users never touch or modify the templates, you can rest assured that the data and labels are printed as intended. Without the need of user interaction, users never have to leave their ERP, LIMS or database system.

### Printer compatibility

Brady Workstation Print Partner and Brady Workstation Data Automation can be used in combination with all current PWID printers with a Windows® printer driver: BMP™41, BMP™51, BMP™61, BMP™71, BBP™12, BBP™33, IP™-Printer, BradyPrinter™-PR Plus. Any label material that is also available on the printer, can be used within a completion and print only process.



**BMP™41**  
LABEL PRINTER



**BMP™51**  
IARFI PRINTER



**BMP™61**  
LABEL PRINTER



**BMP™71**  
LABEL PRINTER



**BBP™12**  
LABEL PRINTER



**BBP™33**  
LABEL PRINTER



**IP™**  
Series  
PRINTER



**BradyPrinter™**  
**BP-PR PLUS Printer**  
HEAVY DUTY MEETS HIGH TECH



### Brady Workstation

A software suite of applications. Instead of using a CD to upload label identification software on your computer, you simply download the free Brady Workstation suite to your desktop and add the applications you need:  
[www.bradyeurope.com/workstation](http://www.bradyeurope.com/workstation)





### **LabelMark™ LABELLING SOFTWARE**

**EASY, EFFICIENT, COST-EFFECTIVE LABELLING!**

Brady's LabelMark™ Labelling Software offers features that make creating labels more efficient. Written specifically for identification applications in the telecommunication and electrical markets where wire and cable marking is a constant and tedious job.

LabelMark is the easy solution for label design, editing and printing. LabelMark is a fast system for creating new labels and printing professional, accurate and legible labels.

With built-in templates, wizards, fixed text labels and free form design, LabelMark Labelling Software simplifies label making in the electrical, industrial, aerospace and telecom industries.

#### **Printer Compatibility**

- BMP™71 Label Printer
- BBP™12 Label Printer
- BBP™33 Label Printer
- IP™ Series Printer
- BradyPrinter™ PR Plus Printer

#### **Primary Applications**

- Wire and Cable Marking
- Terminal Block Marking
- Control Panel and Component Marking
- Voice and Data Equipment Labelling
- Asset Identification
- Patch Panel Identification
- Warehouse Bin and Shelf Labelling
- Rating Plate ID and General ID

#### **Available software versions:**

##### **LabelMark Standard features:**

- Quickly enter copy into fixed-line text labels
- Add images, text, shapes, and 1D, 2D codes to your label designs
- Import data from MS Excel spreadsheets, databases, ASCII text files
- Design custom label material formats with the interactive custom part editor
- Save label designs as templates for faster printing
- Enter text into multiple lines simultaneously in wire marking mode for easier label reading
- Fix label design errors all at once with the error checking utility
- Save time in the design by defining wire source and duplicating and reversing the order to print wire destination for faster labelling

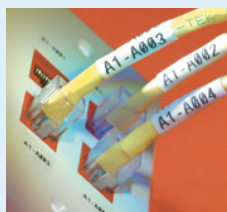
##### **LabelMark Professional has all of the features of the standard version plus:**

- Insert AutoCAD documents into your label designs
- Define the print quantity per label right in the design editor
- Associate label material parts to printers in the application defaults
- Batch print multiple label files in a single job
- Group your terminal blocks, wire, push-button, and panel labels in customer associated job files for easy kitting and knowledge transfer to other employees
- Electrical Application Wizards to guide you through label selections for control panel marking, wire harness labelling, and more

#### **For Wire & Cable and General Industrial Labelling**



Wire & Cable Marking



Voice & Data Communications



Circuit Board Labels



Control Panel Marking



General ID... and many more!

## MARKWARE™ FACILITY IDENTIFICATION SOFTWARE

ALL YOUR SAFETY AND FACILITY NEEDS IN ONE POWERFUL PACKAGE.

Brady's sign and label making software, Markware is the simple solution for do-it-yourself sign-making. Now, you can save time, save costs and create custom safety signs for your facility using Brady MarkWare Facility Identification Software.

Built-in library with over 1000 high-quality, scalable symbols and pictograms.



Warning



Prohibition



Mandatory



First Aid



Fire Safety



GHS/CLP



Public Info.



Tools



English & Foreign  
Language Headers

### Printer Compatibility

- BMP™71 Label Printer
- BBP™12 Label Printer
- BBP™33 Label Printer
- IP™ Series Printer
- BradyPrinter™ PR Plus Printer

### Primary Applications:

- Facility, Safety and Maintenance ID
- Lean / 5S / Visual Workplace ID
- Pipe Marking
- Barcode Labelling
- GHS / CLP Chemical Labelling
- Lockout / Energy Source Labels
- Arc Flash Labels
- Visual Equipment Controls
- Warehouse Bin and Shelf Labelling
- General Industrial Labels

### MarkWare Standard features:

- Use your PC to quickly design professional looking signs and labels
- Print directly to a Brady labelling system or most Windows® inkjet/laser printers
- Pre-formatted templates make sign and label creation quick & easy or, customise layouts to your own specifications
- Import logos and photos or create barcodes using 15 different symbologies
- Link label contents to information stored in spreadsheets and databases
- New tools to support and sustain your lean transformation and lean concepts
- Tools to support and sustain your lean transformation and lean concepts



### MarkWare™ Software's GHS / CLP Label Module

- 18 pre-formatted label layouts and approved GHS symbols are built-inPre-worded hazard statements and GHS symbols automatically populates
- Pre-worded hazard statements and GHS symbols automatically populates
- Prompts for additional variable data which then auto-populates into layout
- Choose a second language and MarkWare auto-populates in the second language

## For Lean, Safety & Facility Identification Labelling



Safety Signs



CLP/GHS Labels



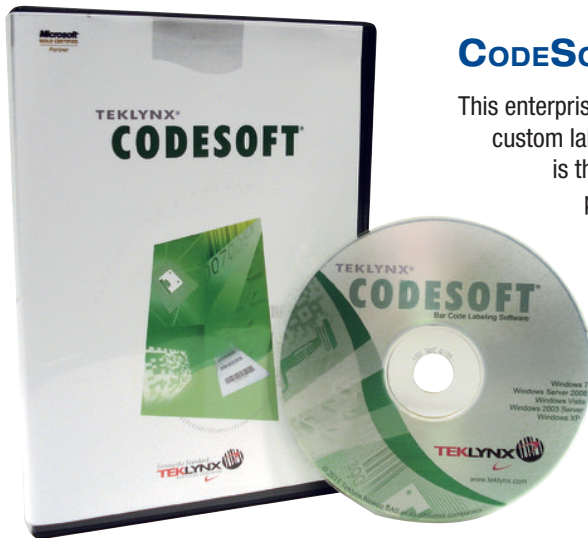
Pipe Marking



Barcode Labelling



Lean Initiatives &  
Visual Controls



## CODESOFT™ SOFTWARE

This enterprise-level label design software allows users to design and print custom labels for product identification and tracking. CodeSoft software is the professional solution for the most complex barcode labelling projects. CodeSoft excels at integrating with users systems and 3rd party software. The software provides a range of barcode label design features for any project, from easy label designs to general barcoding. CodeSoft gives you the power to design and print labels with ease and flexibility. Whether you need to print text, barcodes or graphic images, fixed or variable data, user defined or database driven, Brady has the barcode and labelling software to handle all your custom label needs.

### Printer Compatibility:

- BMP™41 Label Printer
- BMP™51/53 Label Printer
- BMP™71 Label Printer
- BBP™12 Label Printer
- BBP™33 Label Printer
- IPT™ Series Printer
- BradyPrinter™ PR Plus Printer
- BBP™72 Double-sided Printer
- BSP™61 Print and Apply System



## SENTINEL SOFTWARE ADD-ON

Automated, mapping capabilities, "lights-out printing". Allows for integration of CodeSoft labelling software with existing Networked Systems.



For more information and guidance on selecting the right CodeSoft software solution for your application, please contact your Brady representative

## For Enterprise Level ID and 3rd Party Software Integration.



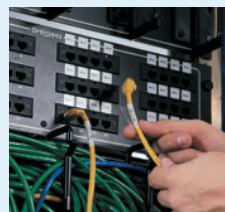
Rating Plate Identification



Control Panel Labelling



Circuit Board Labels



Voice & Data Communications



General ID ...and many more

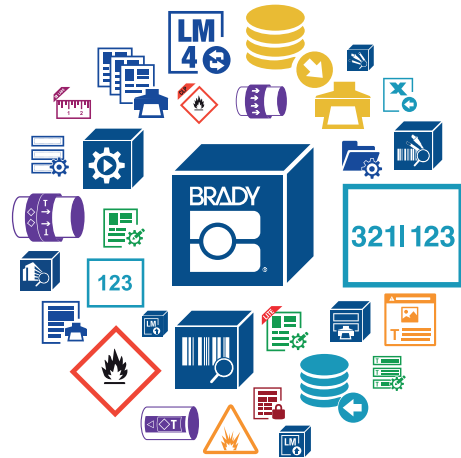


**Brady offers a range of easy-to-use, high density scanners with superior imaging technology (Adaptus) that enable :**

- fast and efficient scanning of any barcode, 2D-code or QR-code on a range of surfaces
- optimal handling thanks to a light weight and small size
- durable and reliable, stays intact in drop tests when falling from up to 1.8 m.

### BRADY WORKSTATION

In order to achieve full track & trace control, you can use Brady Workstation apps to quickly design labels, import data from ERP or LIMS-systems, add QR-codes, barcodes or other 2D-codes, serialise and hit print. When printed with the specialised inks of a Brady printer, our label materials can identify items throughout complete production cycles and in storage much more effectively and much longer than any non-specialised solution.



### LINEAR VS. 2-DIMENSIONAL CODES

| 7 mil Examples                                                                                                            | 10 mil Examples                                                                                                           | Symbol Size (mm)<br>Row x Column | Barcode Data Capacity<br>Numeric | Barcode Data Capacity<br>Alphanumeric | Built-in Error<br>Correction |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|---------------------------------------|------------------------------|
| <br>3.43 mm 2D / Data Matrix Code       | <br>4.57 mm 2D / Data Matrix Code       | 18 x 18                          | 36                               | 25                                    | YES (ECC200)                 |
| <br>4.95 mm 2D / Data Matrix Code      | <br>6.60 mm 2D / Data Matrix Code      | 26 x 26                          | 88                               | 64                                    | YES (ECC200)                 |
| <br>25.40 mm Linear / Code 128 Barcode | <br>31.75 mm Linear / Code 128 Barcode | 31.75                            | 10                               | 10                                    | NO                           |

### WIRED SCANNER VOYAGER 1250

Optimised for fast scanning of linear bar codes, including poorly printed and damaged codes, the Voyager 1250g enables enterprises to minimise manual data entry, leading to increased productivity and reduction in errors.

- 1D barcodes
- Laser technology
- Read barcodes up to 44.7 cm away
- Ergonomic design
- IP40 rated



| Article No. | Description                              |
|-------------|------------------------------------------|
| 197614      | Honeywell Voyager 1250g handheld scanner |







## WIRED SCANNER XENON 1900 HD

Powered by sixth-generation Adaptus™ imaging technology, the Xenon 1900g scanner delivers superior barcode scanning and digital image capture. The scanner incorporates a revolutionary decoding architecture and a custom sensor, enabling extended depth of field, faster reading and improved scanning performance on poor-quality barcodes. From highdensity linear to 2D barcodes found directly on the screen of a mobile device, the Xenon 1900g scanner decodes virtually all barcodes with ease.

- High Definition Focus
- 1D and 2D barcodes
- Drop resistance to 1.8 m
- Integrated Adaptus Imaging technology :
  - Extended depth of field
  - Faster barcode reading
  - Improved scanning performance on poor quality barcodes
- IP41 rated



| Article No. | Description                           |
|-------------|---------------------------------------|
| 197610      | Honeywell Xenon 1900 handheld scanner |



## WIRELESS SCANNER XENON 1902 HD

Powered by Adaptus® Imaging Technology 6.0, the wireless area-imaging scanner Xenon 1902 delivers superior bar code scanning and digital image capture. Xenon 1902 incorporates a revolutionary decoding architecture and a custom sensor, enabling extended depth of field, faster reading, and improved scanning performance on poor quality bar codes. From high density linear to 2D bar codes found directly on the screen of a mobile device, Xenon 1902 decodes virtually all bar codes with ease. Xenon 1902 incorporates a Bluetooth Class 2, v2.1 radio, enabling unrestricted movement up to 10m from the base, and a battery that provides up to 14 hours of battery life. For added convenience, a paging system helps locate misplaced scanners.

- High Definition Focus
- 1D and 2D barcodes
- Bluetooth Class 2
- Long-lasting lithium-ion battery
- Drop resistance to 1.8 m
- Integrated Adaptus Imaging technology :
  - Extended depth of field
  - Faster barcode reading
  - Improved scanning performance on poor quality barcodes
- IP41 rated



| Article No. | Description                            |
|-------------|----------------------------------------|
| 197612      | Honeywell Xenon 1902 bluetooth scanner |



The Code Reader™ scanners are still available. Contact your local Brady Distributor or Brady Customer Service for ordering information.



## Portable Printing

Brady offers a complete line of portable label printers designed for fast and efficient label making. These handheld printers are ideal for barcode printing and labelling, wire and cable marking, circuit board and component labelling and work in process labelling.

With industrial strength durability, they can be taken anywhere you need to label- including the field and into a job site. Brady's portable printers are lightweight, easy-to-use and ideal for on the spot labelling in voice/datacom, electrical, electronics and industrial workplaces.

|                                        |     |
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| BMP71 Ribbons .....                    | 102 |



# Portable Printer Comparison Guide

Use the following comparison guide to quickly see which printer best fits your application needs. Then turn to the following pages to find out more about each printer, compatible materials and print ribbons.

## 2 YEAR WARRANTY



|                                                | BMP™21-PLUS Label Printer                                                                                                                                                                      | BMP™41 Label Printer                                                                                                                                                                        |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                            |                                                                                                                                                                                                |                                                                                                                                                                                             |
| <b>Electrical, voice- &amp; datacomm. ID</b>   |                                                                                                                                                                                                |                                                                                                                                                                                             |
| Wire & Cable Marking                           | ✓                                                                                                                                                                                              | ✓✓✓                                                                                                                                                                                         |
| Component Marking                              | ✓✓                                                                                                                                                                                             | ✓✓✓                                                                                                                                                                                         |
| <b>General &amp; Industrial ID</b>             |                                                                                                                                                                                                |                                                                                                                                                                                             |
| Asset & Component Marking                      | ✓                                                                                                                                                                                              | ✓✓                                                                                                                                                                                          |
| <b>Electronics ID</b>                          |                                                                                                                                                                                                |                                                                                                                                                                                             |
| Circuit Board Marking                          |                                                                                                                                                                                                |                                                                                                                                                                                             |
| Component Marking                              |                                                                                                                                                                                                |                                                                                                                                                                                             |
| <b>Technical Specifications</b>                |                                                                                                                                                                                                |                                                                                                                                                                                             |
| <b>Max. Label Width (mm)</b>                   | 19.00 mm                                                                                                                                                                                       | 25.40 mm                                                                                                                                                                                    |
| <b>Max. Print Width (mm)</b>                   | 16.00 mm                                                                                                                                                                                       | 24.40 mm                                                                                                                                                                                    |
| <b>Min. Label Width (mm)</b>                   | 6.40 mm                                                                                                                                                                                        | 6 mm                                                                                                                                                                                        |
| <b>Materials Supported</b>                     | 60+ standard parts: continuous tapes                                                                                                                                                           | 100+ standard parts: continuous tapes, die cut labels                                                                                                                                       |
| <b>Label Colours</b>                           |                                                                                                                                                                                                |                                                                                                                                                                                             |
| <b>Display</b>                                 | Monocolour LCD Screen                                                                                                                                                                          | Monocolour LCD Screen                                                                                                                                                                       |
| <b>Print Resolution (dpi)</b>                  | 203                                                                                                                                                                                            | 300                                                                                                                                                                                         |
| <b>Text Sizes (pt)</b>                         | 6 - 40 pt                                                                                                                                                                                      | 4 - 72 pt                                                                                                                                                                                   |
| <b>Built-in Symbols</b>                        | 104 symbols included                                                                                                                                                                           | 450 symbols included                                                                                                                                                                        |
| <b>Serialisation</b>                           | Simple & Single Advanced                                                                                                                                                                       | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                                                                                                 |
| <b>Keyboard Type</b>                           | ABC                                                                                                                                                                                            | QWERTY                                                                                                                                                                                      |
| <b>Language Support</b>                        | Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Slovak, Slovenian, Spanish, Swedish, Turkish | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian (Bokmål), Portuguese, Spanish, Swedish                                                                                  |
| <b>Power Supply</b>                            | 6 AA Batteries<br>Rechargeable Battery<br>AC Adaptor                                                                                                                                           | AC Adaptor<br>Rechargeable Battery<br>Battery Charger                                                                                                                                       |
| <b>Print Speed (mm/sec)</b>                    | 10                                                                                                                                                                                             | 33                                                                                                                                                                                          |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone                                                                                                                                                                                    | Stand-alone & Peripheral                                                                                                                                                                    |
| <b>Connectivity Options</b>                    | —                                                                                                                                                                                              | USB                                                                                                                                                                                         |
| <b>Cutter</b>                                  | Manual cut<br>With label retention                                                                                                                                                             | Manual cut<br>With label retention                                                                                                                                                          |
| <b>Internal Memory Capacity</b>                | —                                                                                                                                                                                              | 48 MB - up to 25,000 labels                                                                                                                                                                 |
| <b>Bar Code Type</b>                           | Code 39 and 128                                                                                                                                                                                | Code 39 and 128, other via software                                                                                                                                                         |
| <b>Software Compatibility</b>                  | -                                                                                                                                                                                              | Brady Workstation, LabelMark, CodeSoft                                                                                                                                                      |
| <b>Width (mm) x Height x Length</b>            | 125 mm x 50 mm x 235 mm                                                                                                                                                                        | 150 mm x 90 mm x 290 mm                                                                                                                                                                     |
| <b>Weight (kg)</b>                             | 0.75 kg                                                                                                                                                                                        | 1.30 kg                                                                                                                                                                                     |
| <b>Includes</b>                                | This printer ships in a hard case with a Li-ion Battery and a Power Cord                                                                                                                       | This printer ships in a hard case with a Nickel Battery Pack, MC1 - 1000-595-WT-BK cartridge, USB cable, AC adapter, Power Cord, Product CD, Brady printer Drivers CD and Quick Start Guide |
| <b>Warranty</b>                                | 2 years                                                                                                                                                                                        | 2 years                                                                                                                                                                                     |

# Portable Printer Comparison Guide



|                                                | BMP™51 Label Maker                                                                                                                                                                                                              | BMP™61 Label Printer                                                                                                                                                                                               | BMP™71 Label Printer                                                                                                                                                                                                                                                                                |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                            |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| <b>Electrical, voice- &amp; datacomm. ID</b>   |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| Wire & Cable Marking                           | ✓✓✓✓                                                                                                                                                                                                                            | ✓✓✓✓✓                                                                                                                                                                                                              | ✓✓✓✓✓                                                                                                                                                                                                                                                                                               |
| Component Marking                              | ✓✓✓                                                                                                                                                                                                                             | ✓✓✓✓                                                                                                                                                                                                               | ✓✓✓✓✓                                                                                                                                                                                                                                                                                               |
| <b>General &amp; Industrial ID</b>             |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| Asset & Component Marking                      | ✓✓                                                                                                                                                                                                                              | ✓✓✓                                                                                                                                                                                                                | ✓✓✓✓                                                                                                                                                                                                                                                                                                |
| <b>Electronics ID</b>                          |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| Circuit Board Marking                          |                                                                                                                                                                                                                                 | ✓✓✓✓                                                                                                                                                                                                               | ✓✓✓✓                                                                                                                                                                                                                                                                                                |
| Component Marking                              |                                                                                                                                                                                                                                 | ✓✓✓✓✓                                                                                                                                                                                                              | ✓✓✓✓✓                                                                                                                                                                                                                                                                                               |
| <b>Technical Specifications</b>                |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| <b>Max. Label Width (mm)</b>                   | 38.10 mm                                                                                                                                                                                                                        | 50.80 mm                                                                                                                                                                                                           | 50.80 mm                                                                                                                                                                                                                                                                                            |
| <b>Max. Print Width (mm)</b>                   | 36.00 mm                                                                                                                                                                                                                        | 48.76 mm                                                                                                                                                                                                           | 45.97 mm                                                                                                                                                                                                                                                                                            |
| <b>Min. Label Width (mm)</b>                   | 6.40 mm                                                                                                                                                                                                                         | 6.40 mm                                                                                                                                                                                                            | 6.40 mm                                                                                                                                                                                                                                                                                             |
| <b>Materials Supported</b>                     | 200+ standard parts : continuous tapes and die cut labels                                                                                                                                                                       | 600+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes.                                                                                                                 | 400+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes                                                                                                                                                                                                   |
| <b>Label Colours</b>                           |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                     |
| <b>Display</b>                                 | Monocolour LCD Screen                                                                                                                                                                                                           | Colour Touch Screen                                                                                                                                                                                                | Colour LCD Screen                                                                                                                                                                                                                                                                                   |
| <b>Print Resolution (dpi)</b>                  | 300                                                                                                                                                                                                                             | 300                                                                                                                                                                                                                | 300                                                                                                                                                                                                                                                                                                 |
| <b>Text Sizes (pt)</b>                         | 4 - 102 pt                                                                                                                                                                                                                      | 4 - 174 pt                                                                                                                                                                                                         | 4 - 174 pt                                                                                                                                                                                                                                                                                          |
| <b>Built-in Symbols</b>                        | 450 symbols included                                                                                                                                                                                                            | 450 symbols included                                                                                                                                                                                               | 500+ symbols included                                                                                                                                                                                                                                                                               |
| <b>Serialisation</b>                           | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                                                                                                                                     | Multiple & Linked                                                                                                                                                                                                  | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                                                                                                                                                                                                         |
| <b>Keyboard Type</b>                           | QWERTY                                                                                                                                                                                                                          | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                                                                                                                   | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                                                                                                                                                                                                    |
| <b>Language Support</b>                        | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian (Bokmål), Portuguese, Spanish, Swedish                                                                                                                      | Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish | Danish, Dutch, English, Finnish, French, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Spanish, Swedish                                                                                                                                                                                |
| <b>Power Supply</b>                            | AC Adaptor<br>8 AA Batteries<br>Rechargeable Battery                                                                                                                                                                            | AC Adaptor<br>Rechargeable Battery                                                                                                                                                                                 | AC Adaptor<br>Rechargeable Battery                                                                                                                                                                                                                                                                  |
| <b>Print Speed (mm/sec)</b>                    | 25.40                                                                                                                                                                                                                           | 33.8                                                                                                                                                                                                               | 38.10                                                                                                                                                                                                                                                                                               |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone & Peripheral                                                                                                                                                                                                        | Stand-alone & Peripheral                                                                                                                                                                                           | Stand-alone & Peripheral                                                                                                                                                                                                                                                                            |
| <b>Connectivity Options</b>                    | USB, Bluetooth. Optional: Ethernet, WiFi                                                                                                                                                                                        | USB 2.0, USB Flash Drive, Optional WiFi (factory installed)                                                                                                                                                        | USB                                                                                                                                                                                                                                                                                                 |
| <b>Cutter</b>                                  | Manual cut<br>Between labels or at end of print job<br>With label retention                                                                                                                                                     | Manual cut<br>Between labels or at end of print job                                                                                                                                                                | Manual cut<br>Between labels or at end of print job                                                                                                                                                                                                                                                 |
| <b>Internal Memory Capacity</b>                | 48 MB - up to 25.000 labels                                                                                                                                                                                                     | 512MB - up to 250.000 labels                                                                                                                                                                                       | 200 MB - up to 100,000 labels                                                                                                                                                                                                                                                                       |
| <b>Bar Code Type</b>                           | Code 39 and 128, other via software                                                                                                                                                                                             | Code 39 and 128, other via software                                                                                                                                                                                | Code 39 and 128, other via software                                                                                                                                                                                                                                                                 |
| <b>Software Compatibility</b>                  | Brady Workstation, LabelMark, CodeSoft                                                                                                                                                                                          | Brady Workstation, Brady Mobile Apps, LabelMark                                                                                                                                                                    | Brady Workstation, LabelMark, MarkWare                                                                                                                                                                                                                                                              |
| <b>Width (mm) x Height x Length</b>            | 155 mm x 90 mm x 255 mm                                                                                                                                                                                                         | 107 mm x 106 mm x 328 mm                                                                                                                                                                                           | 241.30 mm x 116.80 mm x 332.70 mm                                                                                                                                                                                                                                                                   |
| <b>Weight (kg)</b>                             | 1.40 kg                                                                                                                                                                                                                         | 1.5                                                                                                                                                                                                                | 2.49 kg                                                                                                                                                                                                                                                                                             |
| <b>Includes</b>                                | This printer ships in a hard case with a Rechargeable Lithium Ion Battery, USB Cable, AC adaptor + power cord, Product CD, Brady Printer Drivers CD, Quick Start Guide, a Bluetooth network card and an MC1-1000-422 cartridge. | This printer ships in a hard case holding a USB cable, a quick start guide, a battery pack, an AC Adapter, a CD with driver, a product CD, a hand strap, a roll of PTL-19-423 and an M61-R6010 ribbon.             | This printer kit ships in a hard case with Rechargeable NiMH Battery, AC Adaptor, USB Communications Cable, TLS2200® / HandiMark™ Material Roll Adaptor, Quick Start Guide, Product CD (w/ Printer Driver, Tutorials, Full User's Guide), Cleaning Kit, M71C-2000-595-WT, M71-31-423 and M71-R6000. |
| <b>Warranty</b>                                | 2 years                                                                                                                                                                                                                         | 2 years                                                                                                                                                                                                            | 2 years                                                                                                                                                                                                                                                                                             |





## BMP™21-PLUS LABEL PRINTER

### TOUGH ON THE OUTSIDE. SMART ON THE INSIDE.

Once you experience the BMP™21-PLUS Label Printer's unstoppable labelling power, you're not going to want to share. It combines a tough exterior with smart printing capabilities for wires, cables and flat surfaces.

- Drop-lock-and-print cartridges
- Super rugged with moulded rubber bumpers
- Rechargeable Lithium-ion battery
- 7 durable continuous materials with widths from 6 to 38.10 mm
- Automatic label formatting for wire wraps, terminal blocks, patch panels and cable flags and general banner labels
- 104 symbols for electric, smart home, safety and datacom
- Label grabber, printer holds label after cutting
- Standard 2 year warranty

## BMP™21-PLUS LABEL PRINTER

| Art. No. | Description                             |
|----------|-----------------------------------------|
| 139535   | BMP21-Plus Printer Blister Pack         |
| 139779   | BMP21-Plus Russian Printer Blister Pack |

Blister package contains: Printer + Lanyard + Quick Start Guide + M21-750-499

## BMP21-PLUS STARTER KITS

| Art. No. | Description                          |
|----------|--------------------------------------|
| 134458   | BMP21-PLUS-KIT with EU power cord    |
| 134459   | BMP21-PLUS-KIT with UK power cord    |
| 134460   | BMP21-PLUS-KIT with US power cord    |
| 134461   | BMP21-PLUS-KIT with Russian keyboard |

This printer ships in a hard case with a Li-ion Battery and a Power Cord

## BMP21-PLUS APPLICATION KITS

| Art. No. | Description                             |
|----------|-----------------------------------------|
| 134462   | BMP21-PLUS Electrical Printer Kit EU    |
| 134471   | BMP21-PLUS Electrical Printer Kit Russ  |
| 134463   | BMP21-PLUS Electrical Printer Kit UK    |
| 134464   | BMP21-PLUS Electrical Printer Kit US    |
| 134468   | BMP21-PLUS TeleDatacom Printer Kit EU   |
| 134472   | BMP21-PLUS TeleDatacom Printer Kit Russ |
| 134469   | BMP21-PLUS TeleDatacom Printer Kit UK   |
| 134470   | BMP21-PLUS TeleDatacom Printer Kit US   |

**Electrical Kit:** This kit comes in a hard case holding a BMP21-PLUS Printer, Li-ion Battery, Power Cord, M21-750-499, M21-1000-427 and M21-750-595-YL

**Tele/Datacom Kit:** This kit comes in a hard case holding a BMP21-PLUS Printer, Li-ion Battery, Power Cord, M21-750-499, M21-1250-427 and M21-250-423



## An affordable label and wire marker printer designed for the toolbox



Electrical Labelling



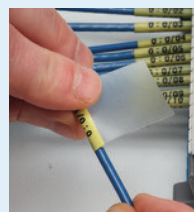
Voice & Datacom Identification



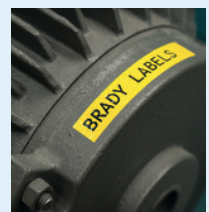
Terminal Block Marking



PermaSleeve™ Wire Marking Sleeves



Self-laminating Labels



General ID and many more!

## Printer Specifications

|                                         |                                                                                                                                                                                                |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language Support                        | Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Slovak, Slovenian, Spanish, Swedish, Turkish |
| Software Compatibility                  | –                                                                                                                                                                                              |
| Bar Code Type                           | Code 39 and 128                                                                                                                                                                                |
| Recommended Usage per Day               | 75                                                                                                                                                                                             |
| Built-in Symbols                        | 104 symbols included                                                                                                                                                                           |
| Colour Capability                       | Monocolour                                                                                                                                                                                     |
| Stand-alone Printing (Detached from PC) | Stand-alone                                                                                                                                                                                    |
| Connectivity Options                    | –                                                                                                                                                                                              |
| Internal Memory Capacity                | –                                                                                                                                                                                              |
| Print Speed (mm/sec)                    | 10                                                                                                                                                                                             |
| Print Technology                        | Thermal Transfer                                                                                                                                                                               |
| Print Resolution (dpi)                  | 203 dpi                                                                                                                                                                                        |
| Smart Cell                              | Yes                                                                                                                                                                                            |
| Text Sizes (pt)                         | 6 - 40                                                                                                                                                                                         |
| Serialisation                           | Simple & Single Advanced                                                                                                                                                                       |
| Max. Label Width (mm)                   | 19.00 mm                                                                                                                                                                                       |
| Max. Print Width (mm)                   | 16.00 mm                                                                                                                                                                                       |
| Materials Supported                     | 60+ standard parts: continuous tapes                                                                                                                                                           |
| Label Dimensions                        | <b>Continuous:</b><br>Width: 6.35, 9.53, 12.70, 19.05 mm;<br>Length: 2.10, 4.30, 4.90, 6.40 metre                                                                                              |
| Label Colours                           | Black on White, Black on Yellow, Black on Clear, White on Blue, White on Green, Black on Orange, White on Red, White on Purple, White on Brown, White on Clear, Black on Grey, White on Black  |
| Keyboard Type                           | ABC                                                                                                                                                                                            |
| Display                                 | Monocolour LCD Screen                                                                                                                                                                          |
| Cutter                                  | Manual cut<br>With label retention                                                                                                                                                             |
| Power Supply                            | 6 AA Batteries<br>Rechargeable Battery<br>AC Adaptor                                                                                                                                           |
| Length x Width (mm) x Height            | 235 mm x 125 mm x 50 mm                                                                                                                                                                        |
| Weight (kg)                             | 0.75 kg                                                                                                                                                                                        |

## BMP™21-PLUS ACCESSORIES

| Art. No. | Description                                   |
|----------|-----------------------------------------------|
| 110416   | AC Adaptor - Europe 220V                      |
| 110417   | AC Adaptor - UK 240V                          |
| 110937   | AC Adaptor - US 110V                          |
| 139542   | Hard Case for BMP21; BMP21-PLUS; BMP21-LAB    |
| 139540   | Li-ion battery Pack for BMP21-PLUS; BMP21-LAB |
| 110891   | Magnet Only Accessory                         |
| 110892   | Multifunctional Accessory                     |



### Magnet & Multi-function Tools

Heavy-duty magnet affixes printer to metal surface for hands-free printing. Multifunction tool has the magnet plus a flashlight and retractable printer stand.

### Li-ion Battery & Power Supply

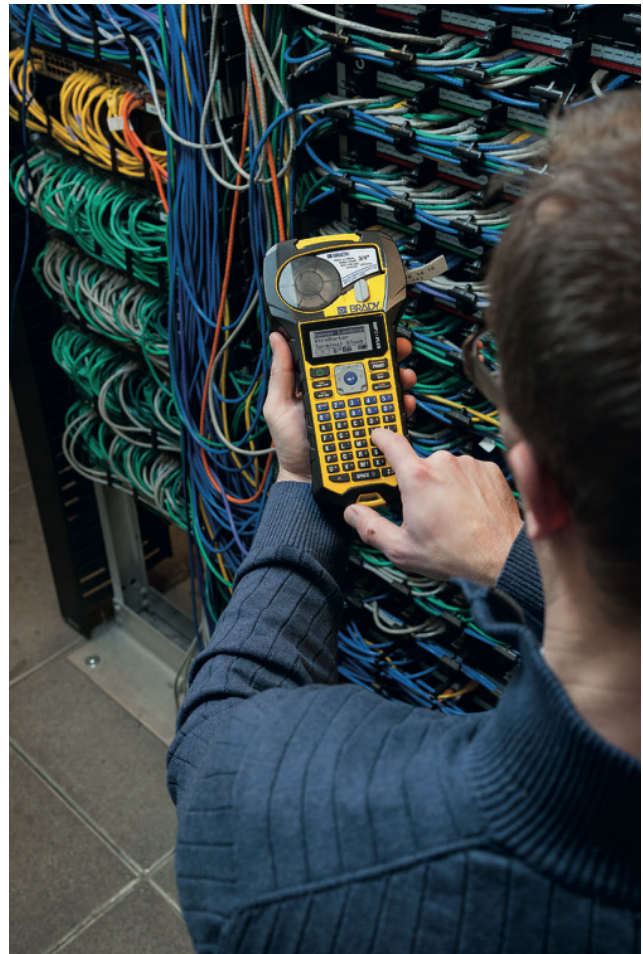
Rechargeable for long life - print hundreds and hundreds of labels on a single charge. Power supply serves as battery charger and adapter to run printer from power outlet.

### Hard Case

Durable and foam-lined for printer protection and easy storage. Holds printer and 4 cartridges with space for charger or more cartridges.



The breaker box labelling feature allows you to create effortless and clear identification for your distribution box, even when there are multiple modules of various widths.

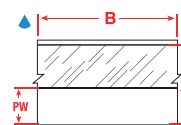


# BMP21-PLUS Cartridges - Electrical, Voice/Datacom ID

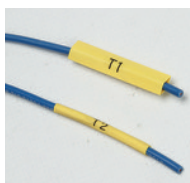


## SELF-LAMINATING CABLE & WIRE LABELS

- Clear, wrap-around tail overlaminates white print-on area to protect text
- Great for data cables or wires that are frequently handled & moved

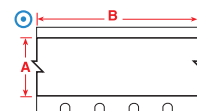


| Diagram                      | Order Reference | Colour                     | Label Width A (mm) | Label Length B (m) | Printable Area Width PW (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) |
|------------------------------|-----------------|----------------------------|--------------------|--------------------|------------------------------|-------------------------|-------------------------|
| B-427: Self-laminating Vinyl |                 |                            |                    |                    |                              |                         |                         |
|                              | M21-750-427     | Black on White/Transparent | 19.05              | 4.30 m             | 9.53                         | 2.00                    | 3.00                    |
|                              | M21-1000-427    | Black on White/Transparent | 25.40              | 4.30 m             | 9.53                         | 2.70                    | 5.10                    |
|                              | M21-1250-427    | Black on White/Transparent | 30.48              | 4.30 m             | 12.70                        | 3.20                    | 5.70                    |
|                              | M21-1500-427    | Black on White/Transparent | 38.10              | 4.30 m             | 12.70                        | 4.00                    | 8.10                    |



## PERMASLEEVE™ HEAT-SHRINK CABLE & WIRE MARKERS

- 3:1 heat-shrink ratio, wire marker sleeve
- Fade resistant and flame retardant for superior aesthetic appearance
- Meets several SAE and MIL-STD specs\*



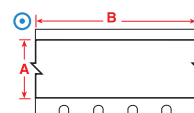
| Diagram                              | Order Reference  | Colour          | Label Width A (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) |
|--------------------------------------|------------------|-----------------|--------------------|--------------------|-------------------------|-------------------------|
| B-342: Heat-shrink Polyolefin Sleeve |                  |                 |                    |                    |                         |                         |
|                                      | M21-125-C-342    | Black on White  | 6.00               | 2.10 m             | 1.17                    | 2.79                    |
|                                      | M21-125-C-342-YL | Black on Yellow | 6.00               | 2.10 m             | 1.17                    | 2.79                    |
|                                      | M21-187-C-342    | Black on White  | 8.50               | 2.10 m             | 1.57                    | 3.81                    |
|                                      | M21-187-C-342-YL | Black on Yellow | 8.50               | 2.10 m             | 1.57                    | 3.81                    |
|                                      | M21-250-C-342    | Black on White  | 11.15              | 2.10 m             | 2.39                    | 5.46                    |
|                                      | M21-250-C-342-YL | Black on Yellow | 11.15              | 2.10 m             | 2.39                    | 5.46                    |
|                                      | M21-375-C-342    | Black on White  | 16.40              | 2.10 m             | 3.18                    | 8.13                    |
|                                      | M21-375-C-342-YL | Black on Yellow | 16.40              | 2.10 m             | 3.18                    | 8.13                    |

\* Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information.

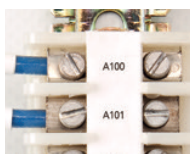
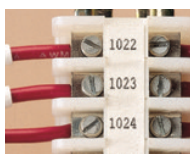


## CABLE & WIRE WRAP AROUND LABELS

- Nylon cloth label is highly pliable conforming to tightly curved surfaces
- Print multi-line legends in multiple areas when using flag mode
- Text entered in wire marker mode auto-repeats when label prints

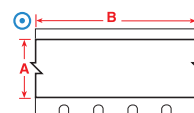


| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) |
|--------------------|-----------------|----------------|--------------------|--------------------|
| B-499: Nylon Cloth |                 |                |                    |                    |
|                    | M21-375-499     | Black on White | 9.53               | 4.88 m             |
|                    | M21-500-499     | Black on White | 12.70              | 4.88 m             |
|                    | M21-750-499     | Black on White | 19.05              | 4.88 m             |



## NYLON STRIPS FOR TERMINAL BLOCK MARKING

- Narrow nylon cloth label strips for alignment on terminal blocks
- Prints terminal identification with user specified spacing using terminal block mode



| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) |
|--------------------|-----------------|----------------|--------------------|--------------------|
| B-499: Nylon Cloth |                 |                |                    |                    |
|                    | M21-375-499-TB  | Black on White | 9.53               | 4.90 m             |
|                    | M21-500-499-TB  | Black on White | 12.70              | 4.90 m             |



## NYLON AND VINYL STRIPS FOR PATCH PANEL MARKING

- Prints permanent port identification with user specified spacing when using patch panel mode
- B-499 (Nylon Cloth) or B-595 (Indoor/Outdoor Vinyl) label materials can be used if surface is highly textured

Full Material Properties on page 228

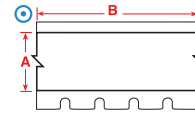




## POLYESTER STRIPS FOR COMPONENT MARKING

- High performance polyester material with white or transparent finish
- Best for flat, smooth surfaces
- B-488 withstands numerous solvents and variable temperatures

| Diagram                 | Order Reference   | Colour         | Label Width A (mm) | Label Length B (m) |
|-------------------------|-------------------|----------------|--------------------|--------------------|
| <b>B-423: Polyester</b> |                   |                |                    |                    |
|                         | M21-250-423       | Black on White | 6.35               | 6.40 m             |
|                         | M21-375-423       | Black on White | 9.53               | 6.40 m             |
|                         | M21-500-423       | Black on White | 12.70              | 6.40 m             |
|                         | M21-750-423       | Black on White | 19.05              | 6.40 m             |
| <b>B-430: Polyester</b> |                   |                |                    |                    |
|                         | M21-250-430-WT-CL | White on Clear | 6.35               | 6.40 m             |
|                         | M21-250-430       | Black on Clear | 6.35               | 6.40 m             |
|                         | M21-375-430       | Black on Clear | 9.53               | 6.40 m             |
|                         | M21-375-430-WT-CL | White on Clear | 9.53               | 6.40 m             |
|                         | M21-500-430       | Black on Clear | 12.70              | 6.40 m             |
|                         | M21-500-430-WT-CL | White on Clear | 12.70              | 6.40 m             |
|                         | M21-750-430       | Black on Clear | 19.05              | 6.40 m             |
|                         | M21-750-430-WT-CL | White on Clear | 19.05              | 6.40 m             |
| <b>B-488: Polyester</b> |                   |                |                    |                    |
|                         | M21-375-488       | Black on White | 9.53               | 6.40 m             |
|                         | M21-500-488       | Black on White | 12.70              | 6.40 m             |
|                         | M21-750-488       | Black on White | 19.05              | 6.40 m             |

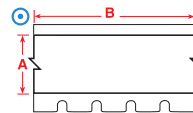


The breaker box labelling feature allows you to create effortless and clear identification for your distribution box, even when there are multiple modules of various widths.



## INDOOR/OUTDOOR VINYL FOR GENERAL INDUSTRIAL MARKING

- Adheres to irregular, rough and curved surfaces
- Stands up to grease, oil and most industrial chemicals
- 8-10 years\* average outdoor durability in temps from -40°C to 82°C



| Diagram             | Order Reference | Colour          | Label Width A (mm) | Label Length B (m) |
|---------------------|-----------------|-----------------|--------------------|--------------------|
| <b>B-595: Vinyl</b> |                 |                 |                    |                    |
|                     | M21-375-595-GY  | Black on Grey   | 9.53               | 6.40 m             |
|                     | M21-500-595-GY  | Black on Grey   | 12.70              | 6.40 m             |
|                     | M21-750-595-GY  | Black on Grey   | 19.05              | 6.40 m             |
|                     | M21-375-595-OR  | Black on Orange | 9.53               | 6.40 m             |
|                     | M21-500-595-OR  | Black on Orange | 12.70              | 6.40 m             |
|                     | M21-750-595-OR  | Black on Orange | 19.05              | 6.40 m             |
|                     | M21-250-595-WT  | Black on White  | 6.35               | 6.40 m             |
|                     | M21-375-595-WT  | Black on White  | 9.53               | 6.40 m             |
|                     | M21-500-595-WT  | Black on White  | 12.70              | 6.40 m             |
|                     | M21-750-595-WT  | Black on White  | 19.05              | 6.40 m             |
|                     | M21-250-595-YL  | Black on Yellow | 6.35               | 6.40 m             |
|                     | M21-375-595-YL  | Black on Yellow | 9.53               | 6.40 m             |
|                     | M21-500-595-YL  | Black on Yellow | 12.70              | 6.40 m             |
|                     | M21-750-595-YL  | Black on Yellow | 19.05              | 6.40 m             |
|                     | M21-375-595-BK  | White on Black  | 9.53               | 6.40 m             |
|                     | M21-500-595-BK  | White on Black  | 12.70              | 6.40 m             |
|                     | M21-750-595-BK  | White on Black  | 19.05              | 6.40 m             |

| Diagram             | Order Reference | Colour          | Label Width A (mm) | Label Length B (m) |
|---------------------|-----------------|-----------------|--------------------|--------------------|
| <b>B-595: Vinyl</b> |                 |                 |                    |                    |
|                     | M21-375-595-BL  | White on Blue   | 9.53               | 6.40 m             |
|                     | M21-500-595-BL  | White on Blue   | 12.70              | 6.40 m             |
|                     | M21-750-595-BL  | White on Blue   | 19.05              | 6.40 m             |
|                     | M21-375-595-BR  | White on Brown  | 9.53               | 6.40 m             |
|                     | M21-500-595-BR  | White on Brown  | 12.70              | 6.40 m             |
|                     | M21-750-595-BR  | White on Brown  | 19.05              | 6.40 m             |
|                     | M21-375-595-GN  | White on Green  | 9.53               | 6.40 m             |
|                     | M21-500-595-GN  | White on Green  | 12.70              | 6.40 m             |
|                     | M21-750-595-GN  | White on Green  | 19.05              | 6.40 m             |
|                     | M21-375-595-PL  | White on Purple | 9.53               | 6.40 m             |
|                     | M21-500-595-PL  | White on Purple | 12.70              | 6.40 m             |
|                     | M21-750-595-PL  | White on Purple | 19.05              | 6.40 m             |
|                     | M21-375-595-RD  | White on Red    | 9.53               | 6.40 m             |
|                     | M21-500-595-RD  | White on Red    | 12.70              | 6.40 m             |
|                     | M21-750-595-RD  | White on Red    | 19.05              | 6.40 m             |

\* Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary. A polyester overlamine is recommended for harsh environments - long term exposure to wind and rain.





## BMP™41 LABEL PRINTER

### PRINT IT ONCE, PRINT IT ALL, GET IT DONE!

The BMP™41 hand-held label printer is the rugged, portable solution that gives you the versatility to create your own length or already sized die-cut and continuous labels anywhere, anytime! The BMP™41 label printer is designed with you in mind. Get your labelling done easier and faster so you can get on with your day. With this printer you can print both die cut and continuous materials. You only need one printer to print everything you need.

Whether you are faced with your jobs for the day or one-off tasks, the BMP™41 label printer saves you time and money by printing your labels once and getting it done.

- Quick cartridge loading with already matched ribbon
- Prints up to 250 labels per day at a print speed of 33 mm/second
- Drop-tested to ensure it can withstand any environment

### EXCEPTIONAL MATERIAL VARIETY AND DURABILITY

The BMP™41 printer prints durable, true-sized 25 mm wide die-cut or continuous identification to maximise the amount of data on your label. Compatible with up to 10 different industry specified materials that last, the BMP™41 prints for a variety of applications. Key applications include wire marking, sleeving, panel labelling, terminal block, patch panel, general identification and more!

## PRINTER PART NUMBERS

| Article No. | Order Reference | Description                                      |
|-------------|-----------------|--------------------------------------------------|
| 133254      | BMP41-KIT-EU    | BMP41 Label Printer - EU                         |
| 711213      | BMP41-KIT-UK    | BMP41 Label Printer - UK                         |
| 711214      | BMP41-KIT-EU-LM | BMP41 Label Printer - EU with LabelMark Software |
| 711215      | BMP41-KIT-UK-LM | BMP41 Label Printer - UK with LabelMark Software |

This printer ships in a hard case with a Nickel Battery Pack, MC1-1000-595-WT-BK cartridge, USB cable, AC adapter, Power Cord, Product CD, Brady printer Drivers CD and Quick Start Guide

## BMP41 ACCESSORIES

| Article No. | Order Reference       | Description                                           |
|-------------|-----------------------|-------------------------------------------------------|
| 133255      | BMP41-BATT            | Rechargeable NiMH Battery                             |
| 143114      | BMP41-BMP50-USB       | BMP41-BMP50 Series USB Cable                          |
| 133257      | BMP41-HC              | BMP41 Hard Case                                       |
| 134176      | BMP41-MAGNET          | BMP41 Magnet                                          |
| 711222      | BMP41-QC-EU           | EU External Battery Quick Charger for BMP41 and BMP61 |
| 711223      | BMP41-QC-UK           | UK External Battery Quick Charger for BMP41 and BMP61 |
| 114883      | M41/50/61/71-AC-BC-NA | AC Adaptor - USA 120V                                 |
| 710613      | M41/50/61/71-AC-BC-UK | AC Adaptor - UK 240V                                  |
| 710612      | M41/50/61/71-BC-EU    | AC Adaptor - Europe 220V                              |



## 2 YEAR WARRANTY

## ELECTRICAL KIT

| Article No. | Order Reference   | Description                           |
|-------------|-------------------|---------------------------------------|
| 711218      | BMP41-KIT-EU-ELEC | BMP41 EU Label Printer Electrical Kit |
| 711219      | BMP41-KIT-UK-ELEC | BMP41 UK Label Printer Electrical Kit |

This printer ships in a hard case with a Nickel Battery Pack, MC1-1000-595-WT-BK, M-91-427, M-131-499, USB cable, AC adapter, Power Cord, Product CD, Brady Printer Drivers CD, Quick Start Guide, Magnet accessory and LabelMark Standard Labelling Software

## VOICE & DATACOM KIT

| Article No. | Order Reference   | Description                             |
|-------------|-------------------|-----------------------------------------|
| 711220      | BMP41-KIT-EU-DATA | BMP41 EU Label Printer Voice & Data Kit |
| 711221      | BMP41-KIT-UK-DATA | BMP41 UK Label Printer Voice & Data Kit |

This printer ships in a hard case with a Nickel Battery Pack, MC1-1000-595-WT-BK, M-48-427, MC-375-422, USB cable, AC adapter, Power cord, Product CD, Brady Printer Drivers CD, Quick Start Guide, Magnet accessory and LabelMark Standard Labelling Software

## Print it once, print it all, get it done!



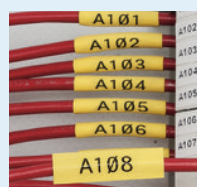
Electrical Identification



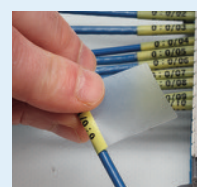
Voice & Data Communications



Control Panel and Electrical Panel Labels



PermaSleeve Wire Marking Sleeves



Self-laminating Labels



General ID and much more!

| Printer Specifications                  |                                                                                                                                                                                        |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language Support                        | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian (Bokmål), Portuguese, Spanish, Swedish                                                                             |
| Software Compatibility                  | Brady Workstation (app specific), LabelMark, CodeSoft                                                                                                                                  |
| Bar Code Type                           | Code 39 and 128, other via software                                                                                                                                                    |
| Recommended Usage per Day               | 250                                                                                                                                                                                    |
| Built-in Symbols                        | 450 symbols included                                                                                                                                                                   |
| Colour Capability                       | Monocolour                                                                                                                                                                             |
| Stand-alone Printing (Detached from PC) | Stand-alone & Peripheral                                                                                                                                                               |
| Connectivity Options                    | USB                                                                                                                                                                                    |
| Internal Memory Capacity                | 48 MB - up to 25,000 labels                                                                                                                                                            |
| Print Speed (mm/sec)                    | 33                                                                                                                                                                                     |
| Print Technology                        | Thermal Transfer                                                                                                                                                                       |
| Print Resolution (dpi)                  | 300 dpi                                                                                                                                                                                |
| Smart Cell                              | Yes                                                                                                                                                                                    |
| Text Sizes (pt)                         | 4 - 72                                                                                                                                                                                 |
| Serialisation                           | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                                                                                            |
| Max. Label Width (mm)                   | 25.40 mm                                                                                                                                                                               |
| Max. Print Width (mm)                   | 24.40 mm                                                                                                                                                                               |
| Materials Supported                     | 100+ standard parts: continuous tapes, die cut labels                                                                                                                                  |
| Label Dimensions                        | <b>Continuous:</b><br>Width: from 6 to 25 mm;<br>Length: 2.1, 4.9, 6.1 or 7.6 metre;<br>Print length: 990 mm<br><b>Die-cut:</b><br>Width: from 6 to 25 mm;<br>Height: from 6 to 101 mm |
| Label Colours                           | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver             |
| Physical Properties                     |                                                                                                                                                                                        |
| Keyboard Type                           | QWERTY                                                                                                                                                                                 |
| Display                                 | Monocolour LCD Screen                                                                                                                                                                  |
| Cutter                                  | Manual cut<br>With label retention                                                                                                                                                     |
| Power Supply                            | AC Adaptor, Rechargeable Battery, Battery Charger                                                                                                                                      |
| Height x Width (mm) x Height            | 90 mm x 150 mm x 90 mm                                                                                                                                                                 |
| Weight (kg)                             | 1.30 kg                                                                                                                                                                                |



Rugged industrial bumpers with a grab and go grip to be on the move with you

Built-in wizard-based applications and graphics to help create and print labels quickly and easily

QWERTY style keypad and hot keys for easier typing and reducing errors



Simple all-in-one, drop-in cartridges for quick and easy supply change and automatic label setup

Wide range of materials so you can print all your jobs on one printer

Large graphical LCD display with backlight to see exactly what you're printing

Rechargeable battery for long lasting power supply

#### Sample of the easy-to-use menu keys:

##### Label Type



##### Symbol

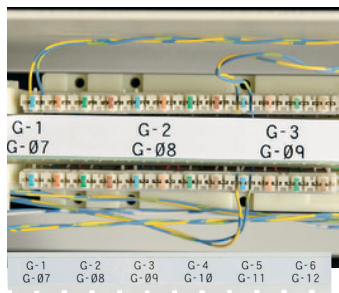


# BMP41 Cartridges - Voice & Datacom ID

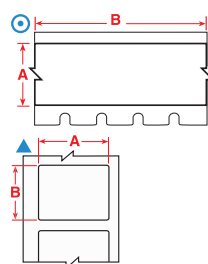
**i** See page 34 for more information on the BMP41 Voice & Datacom Kit.



**i** How to read an order reference: example **M-31-427-YL**  
**M** - Die-cut label  
**31** - Label size code  
**427** - Brady material number (B-number)  
**YL** - Optional colour  
 MC: Continuous label



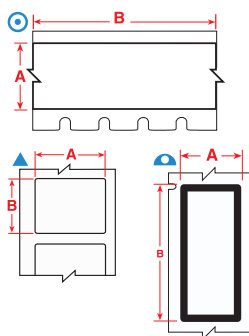
## PATCH PANEL, PUNCH BLOCK AND FACEPLATE LABELS



Create the labels you need in one easy process. Create a fully-formatted serialised punch block label to fit your equipment or label your ports, jacks and outlets with adhesive labels or slide-in strips.

- Designed to withstand exposure to numerous solvents
- High adhesion to textured metals, powder-coated surfaces and low surface energy plastics

| Diagram                         | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll | Additional Features                                                    |
|---------------------------------|-----------------|----------------|--------------------|---------------------|--------------------|-----------------|------------------------------------------------------------------------|
| <b>B-412: Polypropylene Tag</b> |                 |                |                    |                     |                    |                 |                                                                        |
| ⊙                               | MC-375-412      | Black on White | 9.53               | —                   | 6.10 m             | 1               | Non-Adhesive Slide-in Strips                                           |
| ⊙                               | MC-475-412      | Black on White | 12.07              | —                   | 6.10 m             | 1               | Non-Adhesive Slide-in Strips                                           |
| ⊙                               | MC-625-412      | Black on White | 15.88              | —                   | 6.10 m             | 1               | Non-Adhesive Slide-in Strips                                           |
| <b>B-422: Polyester</b>         |                 |                |                    |                     |                    |                 |                                                                        |
| ⊙                               | MC-375-422      | Black on White | 9.53               | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                               | MC-475-422      | Black on White | 12.07              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ▲                               | M-89-422        | Black on White | 12.70              | 38.10               | —                  | 180             | Stick-on Individual Labels                                             |
| ▲                               | M-7-422         | Black on White | 12.70              | 12.70               | —                  | 280             | Port Labels                                                            |
| ⊙                               | MC-500-422      | Black on White | 12.70              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                               | MC-625-422      | Black on White | 15.88              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ▲                               | M-90-422        | Black on White | 19.05              | 38.10               | —                  | 180             | Stick-on Individual Labels                                             |
| ▲                               | M-47-422        | Black on White | 25.40              | 12.70               | —                  | 480             | Stick-on Individual Labels                                             |
| <b>B-483: Polyester</b>         |                 |                |                    |                     |                    |                 |                                                                        |
| ▲                               | M-61-483        | Black on White | 12.70              | 50.80               | —                  | 80              | Ultra-aggressive adhesive; Designed for powder coated surfaces         |



## EQUIPMENT, PANEL, COMPONENT AND RATING PLATE LABELS

Equipment and component labels are long-lasting, durable materials that make it easy to identify control, steering materials and many more. Ideal for marking backer boards, outlets, racks and more. Rating plate labels create serial or rating plates with barcodes, graphics and more.

- Flexible with high-tack adhesives for easy and long-lasting adhesion
- Various sizes in several durable materials
- Rating plate labels offer a metal looking finish

| Diagram                            | Order Reference | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll | Additional Features                                                    |
|------------------------------------|-----------------|-----------------|--------------------|---------------------|--------------------|-----------------|------------------------------------------------------------------------|
| <b>B-422: Polyester</b>            |                 |                 |                    |                     |                    |                 |                                                                        |
| ⊙                                  | MC-375-422      | Black on White  | 9.53               | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                                  | MC-475-422      | Black on White  | 12.07              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ▲                                  | M-89-422        | Black on White  | 12.70              | 38.10               | —                  | 180             | Stick-on Individual Labels                                             |
| ▲                                  | M-7-422         | Black on White  | 12.70              | 12.70               | —                  | 280             | Port Labels                                                            |
| ⊙                                  | MC-500-422      | Black on White  | 12.70              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                                  | MC-625-422      | Black on White  | 15.88              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ▲                                  | M-90-422        | Black on White  | 19.05              | 38.10               | —                  | 180             | Stick-on Individual Labels                                             |
| ▲                                  | M-47-422        | Black on White  | 25.40              | 12.70               | —                  | 480             | Stick-on Individual Labels                                             |
| ⊙                                  | MC1-1000-422    | Black on White  | 25.40              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ▲                                  | M-49-422        | Black on White  | 25.40              | 25.40               | —                  | 260             | Adhesive Stick-on individual labels                                    |
| <b>B-428: Metallised Polyester</b> |                 |                 |                    |                     |                    |                 |                                                                        |
| ▲                                  | M-92-428-BB     | Black on Silver | 12.70              | 33.02               | —                  | 239             | Rating & Nameplate Labeling with a metal looking finish                |
| ▲                                  | M-47-428        | Black on Silver | 25.40              | 12.70               | —                  | 480             | Rating & Nameplate Labeling with a metal looking finish                |
| ▲                                  | M-60-428        | Black on Silver | 25.40              | 50.80               | —                  | 140             | Rating & Nameplate Labeling with a metal looking finish                |

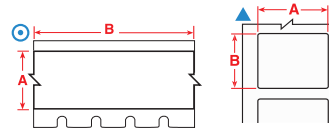
>>

For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 41.

Full Material Properties on page 228



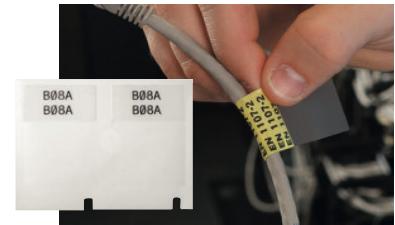
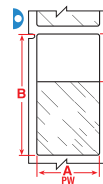
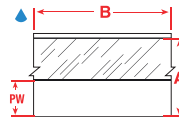
## EQUIPMENT, PANEL, COMPONENT AND RATING PLATE LABELS (CONTINUED)



| Diagram                 | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll | Additional Features                                            |
|-------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|-----------------|----------------------------------------------------------------|
| <b>B-483: Polyester</b> |                    |                 |                    |                     |                    |                 |                                                                |
| ▲                       | M-61-483           | Black on White  | 12.70              | 50.80               | —                  | 80              | Ultra-aggressive adhesive; Designed for powder coated surfaces |
| ▲                       | M-60-483           | Black on White  | 25.40              | 50.80               | —                  | 140             | Ultra-aggressive adhesive; Designed for powder coated surfaces |
| ▲                       | M-47-483           | Black on White  | 25.40              | 12.70               | —                  | 480             | Ultra-aggressive adhesive; Designed for powder coated surfaces |
| <b>B-595: Vinyl</b>     |                    |                 |                    |                     |                    |                 |                                                                |
| ○                       | MC-375-595-WT-BK   | Black on White  | 9.53               | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                          |
| ○                       | MC-375-595-YL-BK   | Black on Yellow | 9.53               | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                          |
| ○                       | MC-500-595-YL-BK   | Black on Yellow | 12.70              | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                          |
| ○                       | MC-500-595-CL-WT   | White on Clear  | 12.70              | —                   | 6.10 m             | 1               | Adhesive Stick on Strips, Cut to Size                          |
| ○                       | MC-750-595-YL-BK   | Black on Yellow | 19.05              | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                          |
| ○                       | MC-750-595-CL-WT   | White on Clear  | 19.05              | —                   | 6.10 m             | 1               | Adhesive Stick on Strips, Cut to Size                          |
| ○                       | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                          |
| ○                       | MC1-1000-595-CL-WT | White on Clear  | 25.40              | —                   | 6.10 m             | 1               | Adhesive Stick on Strips, Cut to Size                          |

## SELF-LAMINATING WIRE & CABLE MARKERS

Self-laminating markers feature a printable zone in white or yellow and a transparent, non printable area that wraps around wires and cables and serves as an overlaminate to the printed text.

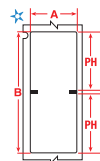


- Designed to adhere to highly curved surfaces, wires and cables
- Superior resistance to abrasion, handling, solvents, water, oil, dirt and more

| Diagram                             | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Labels per Roll | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | For Data Cables Sized to Fit             |
|-------------------------------------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|-----------------|-------------------------|-------------------------|------------------------------------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                             |                    |                     |                    |                              |                               |                 |                         |                         |                                          |
| ▷                                   | M-47-427        | Black on White/Transparent  | 12.70              | 25.40               | —                  | 12.70                        | 9.53                          | 360             | 2.70                    | 5.10                    | 2 Pair Fibre/Coaxial, Single/Multi-Mode  |
| ▷                                   | M-102-427       | Black on White/Transparent  | 12.70              | 31.75               | —                  | 12.70                        | 9.53                          | 200             | 3.40                    | 7.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-89-427        | Black on White/Transparent  | 12.70              | 38.10               | —                  | 12.70                        | 12.70                         | 180             | 4.00                    | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ▲                                   | MC-750-427      | Black on White/Transparent  | 19.05              | —                   | 7.62 m             | 9.53                         | —                             | 1               | 2.00                    | 3.00                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-48-427        | Black on White/Transparent  | 19.05              | 25.40               | —                  | 9.53                         | 19.05                         | 200             | 2.00                    | 3.00                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-90-427        | Black on White/Transparent  | 19.05              | 38.10               | —                  | 19.05                        | 12.70                         | 180             | 4.00                    | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-53-427        | Black on White/Transparent  | 25.40              | 101.60              | —                  | 25.40                        | 25.40                         | 70              | 10.80                   | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
| ▷                                   | M-53-427-YL     | Black on Yellow/Transparent | 25.40              | 101.60              | —                  | 25.40                        | 25.40                         | 70              | 10.80                   | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
| ▷                                   | M-49-427        | Black on White/Transparent  | 25.40              | 25.40               | —                  | 25.40                        | 9.53                          | 260             | 2.70                    | 5.10                    | 2 Pair Fibre/Coaxial; Single/Multi-Mode  |
| ▷                                   | M-143-427       | Black on White/Transparent  | 25.40              | 31.75               | —                  | 25.40                        | 12.70                         | 200             | 3.40                    | 6.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-91-427        | Black on White/Transparent  | 25.40              | 38.10               | —                  | 25.40                        | 12.70                         | 180             | 4.00                    | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-91-427-YL     | Black on Yellow/Transparent | 25.40              | 38.10               | —                  | 25.40                        | 12.70                         | 180             | 4.00                    | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ▷                                   | M-51-427        | Black on White/Transparent  | 25.40              | 63.50               | —                  | 25.40                        | 19.05                         | 110             | 6.70                    | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |
| ▷                                   | M-51-427-YL     | Black on Yellow/Transparent | 25.40              | 63.50               | —                  | 25.40                        | 19.05                         | 110             | 6.70                    | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |

## CABLE FLAGS

Pre-formatted with two printable areas, allowing label to be easily folded around wires to create a two-sided, printed flag.



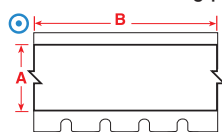
| Diagram                   | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Printable Area Height PH (mm) | Labels per Roll | Additional Features |
|---------------------------|-----------------|----------------|--------------------|---------------------|-------------------------------|-----------------|---------------------|
| <b>B-499: Nylon Cloth</b> |                 |                |                    |                     |                               |                 |                     |
| ☆                         | M-141-499       | Black on White | 25.40              | 57.15               | 25.40                         | 90              |                     |





## TERMINAL BLOCK MARKERS

Specially designed markers that offer a highly unique adhesive and vinyl cloth construction for excellent holding power, while still allowing for clean removal and application.



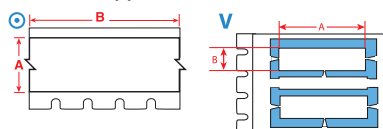
- Specially designed narrow-width continuous label for alignment on terminal blocks and patch panels
- LabelMark™ Software can auto-serialise these labels to help save you time

| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Roll | Additional Features |
|--------------------|-----------------|----------------|--------------------|--------------------|-----------------|---------------------|
| B-498: Vinyl Cloth |                 |                |                    |                    |                 |                     |
|                    | MC-240-498      | Black on White | 6.10               | 4.88 m             | 1               | Repositionable      |
|                    | MC-318-498      | Black on White | 8.08               | 4.88 m             | 1               | Repositionable      |
|                    | MC-375-498      | Black on White | 9.53               | 6.10 m             | 1               | Repositionable      |



## PERMASLEEVE™ PS WIRE MARKING SLEEVES

These heat-shrink sleeves are the ultimate in marker durability, permanence and aesthetic appearance. Fast shrink rate saves time and costs during installation.



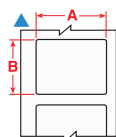
- 3:1 heat-shrink sleeve that fits snugly around wires
- Fade-resistant and flame-retardant
- Available as individual die-cut markers or continuous cut-to-length tubing

| Diagram                              | Order Reference | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll |
|--------------------------------------|-----------------|-----------------|--------------------|---------------------|--------------------|-------------------------|-------------------------|-----------------|
| B-342: Heat-shrink Polyolefin Sleeve |                 |                 |                    |                     |                    |                         |                         |                 |
|                                      | M-125-075-342   | Black on White  | 19.05              | 6.00                | —                  | 1.17                    | 2.79                    | 80              |
|                                      | M-187-075-342   | Black on White  | 19.05              | 8.50                | —                  | 1.57                    | 3.81                    | 80              |
|                                      | M-250-075-342   | Black on White  | 19.05              | 11.15               | —                  | 2.39                    | 5.46                    | 80              |
|                                      | M-375-075-342   | Black on White  | 19.05              | 16.40               | —                  | 3.18                    | 8.13                    | 80              |
|                                      | MC-125-342      | Black on White  | —                  | 6.00                | 2.13 m             | 1.17                    | 2.79                    | 1               |
|                                      | MC-125-342-YL   | Black on Yellow | —                  | 6.00                | 2.13 m             | 1.17                    | 2.79                    | 1               |
|                                      | MC-187-342      | Black on White  | —                  | 8.50                | 2.13 m             | 1.57                    | 3.81                    | 1               |
|                                      | MC-187-342-YL   | Black on Yellow | —                  | 8.50                | 2.13 m             | 1.57                    | 3.81                    | 1               |
|                                      | MC-250-342      | Black on White  | —                  | 11.15               | 2.13 m             | 2.39                    | 5.46                    | 1               |
|                                      | MC1-375-342     | Black on White  | —                  | 16.40               | 2.13 m             | 3.18                    | 8.13                    | 1               |
|                                      | MC-250-342-YL   | Black on Yellow | —                  | 11.15               | 2.13 m             | 2.39                    | 5.46                    | 1               |



## WRAP AROUND WIRE & CABLE MARKERS

Durable vinyl cloth wire and cable wrap around markers made with an adhesive that allows the markers to be removed cleanly and re-applied if necessary.



- Highly unique adhesive and cloth construction
- Ideal choice for marking both ends of a wire that may need be cut shorter before final termination

| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Max. Wire Diameter (mm) | Labels per Roll | Additional Features |
|--------------------|-----------------|----------------|--------------------|---------------------|-------------------------|-----------------|---------------------|
| B-498: Vinyl Cloth |                 |                |                    |                     |                         |                 |                     |
|                    | M-7-498         | Black on White | 12.70              | 12.70               | 2.80                    | 240             | Repositionable      |
|                    | M-11-498        | Black on White | 19.05              | 12.70               | 4.00                    | 220             | Repositionable      |
|                    | M-91-498        | Black on White | 25.40              | 38.10               | 7.10                    | 120             | Repositionable      |
|                    | M-48-498        | Black on White | 25.40              | 19.05               | 5.10                    | 180             | Repositionable      |
|                    | M-49-498        | Black on White | 25.40              | 25.40               | 5.10                    | 160             | Repositionable      |
|                    | M-131-498       | Black on White | 12.70              | 25.40               | 5.10                    | 180             | Repositionable      |



The Indoor/Outdoor Grade Facility Labels are also suitable for this application. See page 41 for the full range of colours and sizes for these labels.

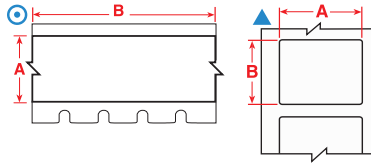


See page 34 for more information on the BMP41 Electrical Kit.



## CONTROL PANEL AND ELECTRICAL PANEL LABELS

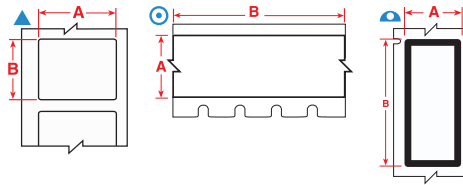
Long-lasting, durable materials to quickly identify control and electrical panels.



| Diagram                            | Order Reference | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll |
|------------------------------------|-----------------|-----------------|--------------------|---------------------|--------------------|-----------------|
| <b>B-422: Polyester</b>            |                 |                 |                    |                     |                    |                 |
|                                    | MC-625-422      | Black on White  | 15.88              | —                   | 7.62 m             | 1               |
| <b>B-428: Metallised Polyester</b> |                 |                 |                    |                     |                    |                 |
|                                    | M-47-428        | Black on Silver | 25.40              | 12.70               | —                  | 480             |
|                                    | M-60-428        | Black on Silver | 25.40              | 50.80               | —                  | 140             |

## AUTOMATION & ELECTRICAL COMPONENT MARKERS

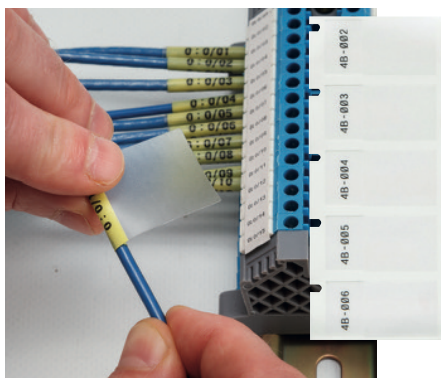
Various sizes, colours and label types for marking relays, solenoids, switches, drive motors, and other components.



| Diagram                            | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll |
|------------------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|-----------------|
| <b>B-422: Polyester</b>            |                    |                 |                    |                     |                    |                 |
|                                    | M-89-422           | Black on White  | 12.70              | 38.10               | —                  | 180             |
|                                    | M-7-422            | Black on White  | 12.70              | 12.70               | —                  | 280             |
|                                    | MC-500-422         | Black on White  | 12.70              | —                   | 7.62 m             | 1               |
|                                    | M-90-422           | Black on White  | 19.05              | 38.10               | —                  | 180             |
|                                    | M-47-422           | Black on White  | 25.40              | 12.70               | —                  | 480             |
|                                    | MC1-1000-422       | Black on White  | 25.40              | —                   | 7.62 m             | 1               |
|                                    | M-49-422           | Black on White  | 25.40              | 25.40               | —                  | 260             |
| <b>B-428: Metallised Polyester</b> |                    |                 |                    |                     |                    |                 |
|                                    | M-92-428-BB        | Black on Silver | 12.70              | 33.02               | —                  | 239             |
|                                    | M-47-428           | Black on Silver | 25.40              | 12.70               | —                  | 480             |
|                                    | M-60-428           | Black on Silver | 25.40              | 50.80               | —                  | 140             |
| <b>B-483: Polyester</b>            |                    |                 |                    |                     |                    |                 |
|                                    | M-61-483           | Black on White  | 12.70              | 50.80               | —                  | 80              |
|                                    | M-60-483           | Black on White  | 25.40              | 50.80               | —                  | 140             |
|                                    | M-47-483           | Black on White  | 25.40              | 12.70               | —                  | 480             |
| <b>B-499: Nylon Cloth</b>          |                    |                 |                    |                     |                    |                 |
|                                    | M-130-499          | Black on White  | 9.53               | 20.96               | —                  | 220             |
|                                    | MC-375-499         | Black on White  | 9.53               | —                   | 4.88 m             | 1               |
|                                    | M-131-499          | Black on White  | 12.70              | 25.40               | —                  | 180             |
|                                    | MC-500-499         | Black on White  | 12.70              | —                   | 4.88 m             | 1               |
|                                    | M-11-499           | Black on White  | 19.05              | 12.70               | —                  | 220             |
|                                    | MC-750-499         | Black on White  | 19.05              | —                   | 4.88 m             | 1               |
|                                    | M-128-499          | Black on White  | 25.40              | 48.26               | —                  | 100             |
| <b>B-595: Vinyl</b>                |                    |                 |                    |                     |                    |                 |
|                                    | MC-500-595-OR-BK   | Black on Orange | 12.70              | —                   | 7.62 m             | 1               |
|                                    | MC-750-595-OR-BK   | Black on Orange | 19.05              | —                   | 7.62 m             | 1               |
|                                    | MC1-1000-595-OR-BK | Black on Orange | 25.40              | —                   | 7.62 m             | 1               |
|                                    | MC-500-595-YL-BK   | Black on Yellow | 12.70              | —                   | 7.62 m             | 1               |
|                                    | MC-750-595-YL-BK   | Black on Yellow | 19.05              | —                   | 7.62 m             | 1               |
|                                    | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | —                   | 7.62 m             | 1               |

For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 41.

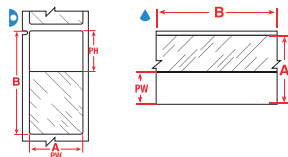
Full Material Properties on page 228



## SELF-LAMINATING WIRE & CABLE MARKERS

Self-laminating markers feature a printable zone in white or yellow and a transparent, non printable area that wraps around wires and cables and serves as an overlaminate to the printed text.

- Designed to adhere to highly curved surfaces, wires and cables
- Superior resistance to abrasion, handling, solvents, water, oil, dirt and more



| Diagram                      | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll |
|------------------------------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|-------------------------|-------------------------|-----------------|
| B-427: Self-laminating Vinyl |                 |                             |                    |                     |                    |                              |                               |                         |                         |                 |
|                              | M-11-427        | Black on White/Transparent  | 12.70              | 19.05               | —                  | 12.70                        | 9.53                          | 2.00                    | 3.00                    | 360             |
|                              | M-47-427        | Black on White/Transparent  | 12.70              | 25.40               | —                  | 12.70                        | 9.53                          | 2.70                    | 5.10                    | 360             |
|                              | M-89-427        | Black on White/Transparent  | 12.70              | 38.10               | —                  | 12.70                        | 12.70                         | 4.00                    | 8.10                    | 180             |
|                              | M-48-427        | Black on White/Transparent  | 19.05              | 25.40               | —                  | 9.53                         | 19.05                         | 2.00                    | 3.00                    | 200             |
|                              | M-90-427        | Black on White/Transparent  | 19.05              | 38.10               | —                  | 19.05                        | 12.70                         | 4.00                    | 8.10                    | 180             |
|                              | MC-750-427      | Black on White/Transparent  | 19.05              | —                   | 7.62 m             | 9.53                         | —                             | 2.00                    | 3.00                    | 1               |
|                              | M-136-427       | Black on White/Transparent  | 25.40              | 19.05               | —                  | 25.40                        | 9.53                          | 2.00                    | 3.00                    | 340             |
|                              | M-49-427        | Black on White/Transparent  | 25.40              | 25.40               | —                  | 25.40                        | 9.53                          | 2.70                    | 5.10                    | 260             |
|                              | M-143-427       | Black on White/Transparent  | 25.40              | 31.75               | —                  | 25.40                        | 12.70                         | 3.40                    | 6.10                    | 200             |
|                              | M-91-427        | Black on White/Transparent  | 25.40              | 38.10               | —                  | 25.40                        | 12.70                         | 4.00                    | 8.10                    | 180             |
|                              | M-91-427-YL     | Black on Yellow/Transparent | 25.40              | 38.10               | —                  | 25.40                        | 12.70                         | 4.00                    | 8.10                    | 180             |
|                              | M-51-427        | Black on White/Transparent  | 25.40              | 63.50               | —                  | 25.40                        | 19.05                         | 6.70                    | 14.20                   | 110             |
|                              | M-51-427-YL     | Black on Yellow/Transparent | 25.40              | 63.50               | —                  | 25.40                        | 19.05                         | 6.70                    | 14.20                   | 110             |
|                              | M-53-427        | Black on White/Transparent  | 25.40              | 101.60              | —                  | 25.40                        | 25.40                         | 10.80                   | 24.30                   | 70              |
|                              | M-53-427-YL     | Black on Yellow/Transparent | 25.40              | 101.60              | —                  | 25.40                        | 25.40                         | 10.80                   | 24.30                   | 70              |
|                              | M-102-427       | Black on White/Transparent  | 12.70              | 31.75               | —                  | 12.70                        | 9.53                          | 3.40                    | 7.10                    | 200             |



## Magnet Accessory Available

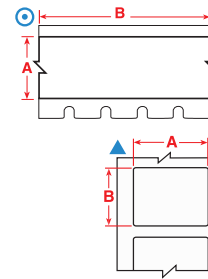
The BMP™41 printer offers a heavy-duty magnet accessory that allows you to go hands free.

Apply the magnet to the back of your printer and then simply place on a magnetic surface.

## REFLECTIVE AND GENERAL INDUSTRIAL LABELS

Choose from several materials and types of labels that offer an aggressive adhesive for use in commercial and industrial applications. Reflective labels can be used for low light or inclement weather conditions.

- Recommended for low surface energy and textured surfaces
- Reflective is ideal for outdoor utility poles and pedestals, equipment on site and rooftop equipment



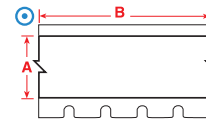
| Diagram                 | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll |
|-------------------------|-----------------|----------------|--------------------|---------------------|--------------------|-----------------|
| <b>B-422: Polyester</b> |                 |                |                    |                     |                    |                 |
| ⊙                       | MC-375-422      | Black on White | 9.53               | —                   | 7.62 m             | 1               |
| ⊙                       | MC-475-422      | Black on White | 12.07              | —                   | 7.62 m             | 1               |
| ▲                       | M-7-422         | Black on White | 12.70              | 12.70               | —                  | 280             |
| ▲                       | M-89-422        | Black on White | 12.70              | 38.10               | —                  | 180             |
| ⊙                       | MC-500-422      | Black on White | 12.70              | —                   | 7.62 m             | 1               |
| ⊙                       | M-90-422        | Black on White | 19.05              | 38.10               | —                  | 180             |
| ▲                       | M-47-422        | Black on White | 25.40              | 12.70               | —                  | 480             |
| ▲                       | M-49-422        | Black on White | 25.40              | 25.40               | —                  | 260             |
| ⊙                       | MC1-1000-422    | Black on White | 25.40              | —                   | 7.62 m             | 1               |
| <b>B-483: Polyester</b> |                 |                |                    |                     |                    |                 |
| ▲                       | M-61-483        | Black on White | 12.70              | 50.80               | —                  | 80              |
| ▲                       | M-47-483        | Black on White | 25.40              | 12.70               | —                  | 480             |
| ▲                       | M-60-483        | Black on White | 25.40              | 50.80               | —                  | 140             |

| Diagram                       | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll |
|-------------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|-----------------|
| <b>B-499: Nylon Cloth</b>     |                    |                 |                    |                     |                    |                 |
| ▲                             | M-11-499           | Black on White  | 19.05              | 12.70               | —                  | 220             |
| ▲                             | M-128-499          | Black on White  | 25.40              | 48.26               | —                  | 100             |
| <b>B-584: Reflective Tape</b> |                    |                 |                    |                     |                    |                 |
| ⊙                             | MC-500-584         | Black on White  | 12.70              | —                   | 6.10 m             | 1               |
| ⊙                             | MC-500-584-YL      | Black on Yellow | 12.70              | —                   | 6.10 m             | 1               |
| ⊙                             | MC-750-584         | Black on White  | 19.05              | —                   | 6.10 m             | 1               |
| ⊙                             | MC-750-584-YL      | Black on Yellow | 19.05              | —                   | 6.10 m             | 1               |
| <b>B-595: Vinyl</b>           |                    |                 |                    |                     |                    |                 |
| ⊙                             | MC-500-595-RD-WT   | White on Red    | 12.70              | —                   | 7.62 m             | 1               |
| ⊙                             | MC-750-595-RD-WT   | White on Red    | 19.05              | —                   | 7.62 m             | 1               |
| ⊙                             | MC1-1000-595-RD-WT | White on Red    | 25.40              | —                   | 7.62 m             | 1               |

## INDOOR/OUTDOOR GRADE FACILITY LABELS

Pliable vinyl that conforms well to smooth or rough surfaces such as walls, doors, panels, shelving and equipment. Lasting up to 8-10\* years outdoors, these labels offer excellent resistance to oils, detergents, dirt, grime and many solvents.

- Durable, low-shrink vinyl with our most aggressive adhesive
- Works for a variety of applications, including 5S labels, arc flash, chemical labels and more



| Diagram             | Order Reference    | Colour          | Label Width A (mm) | Label Length B (m) | Labels per Roll |
|---------------------|--------------------|-----------------|--------------------|--------------------|-----------------|
| <b>B-595: Vinyl</b> |                    |                 |                    |                    |                 |
| ⊙                   | MC-500-595-CL-BK   | Black on Clear  | 12.70              | 6.10 m             | 1               |
| ⊙                   | MC-750-595-CL-BK   | Black on Clear  | 19.05              | 6.10 m             | 1               |
| ⊙                   | MC1-1000-595-CL-BK | Black on Clear  | 25.40              | 6.10 m             | 1               |
| ⊙                   | MC-500-595-OR-BK   | Black on Orange | 12.70              | 7.62 m             | 1               |
| ⊙                   | MC-750-595-OR-BK   | Black on Orange | 19.05              | 7.62 m             | 1               |
| ⊙                   | MC1-1000-595-OR-BK | Black on Orange | 25.40              | 7.62 m             | 1               |
| ⊙                   | MC-500-595-WT-BK   | Black on White  | 12.70              | 7.62 m             | 1               |
| ⊙                   | MC-750-595-WT-BK   | Black on White  | 19.05              | 7.62 m             | 1               |
| ⊙                   | MC1-1000-595-WT-BK | Black on White  | 25.40              | 7.62 m             | 1               |
| ⊙                   | MC-375-595-WT-BK   | Black on White  | 9.53               | 7.62 m             | 1               |
| ⊙                   | MC-500-595-YL-BK   | Black on Yellow | 12.70              | 7.62 m             | 1               |
| ⊙                   | MC-750-595-YL-BK   | Black on Yellow | 19.05              | 7.62 m             | 1               |
| ⊙                   | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | 7.62 m             | 1               |
| ⊙                   | MC-375-595-YL-BK   | Black on Yellow | 9.53               | 7.62 m             | 1               |
| ⊙                   | MC-500-595-WT-RD   | Red on White    | 12.70              | 7.62 m             | 1               |
| ⊙                   | MC-750-595-WT-RD   | Red on White    | 19.05              | 7.62 m             | 1               |
| ⊙                   | MC1-1000-595-WT-RD | Red on White    | 25.40              | 7.62 m             | 1               |

| Diagram             | Order Reference    | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Roll |
|---------------------|--------------------|----------------|--------------------|--------------------|-----------------|
| <b>B-595: Vinyl</b> |                    |                |                    |                    |                 |
| ⊙                   | MC-500-595-BK-WT   | White on Black | 12.70              | 7.62 m             | 1               |
| ⊙                   | MC-750-595-BK-WT   | White on Black | 19.05              | 7.62 m             | 1               |
| ⊙                   | MC1-1000-595-BK-WT | White on Black | 25.40              | 7.62 m             | 1               |
| ⊙                   | MC-500-595-BL-WT   | White on Blue  | 12.70              | 7.62 m             | 1               |
| ⊙                   | MC-750-595-BL-WT   | White on Blue  | 19.05              | 7.62 m             | 1               |
| ⊙                   | MC1-1000-595-BL-WT | White on Blue  | 25.40              | 7.62 m             | 1               |
| ⊙                   | MC-500-595-CL-WT   | White on Clear | 12.70              | 6.10 m             | 1               |
| ⊙                   | MC-750-595-CL-WT   | White on Clear | 19.05              | 6.10 m             | 1               |
| ⊙                   | MC1-1000-595-CL-WT | White on Clear | 25.40              | 6.10 m             | 1               |
| ⊙                   | MC-500-595-GN-WT   | White on Green | 12.70              | 7.62 m             | 1               |
| ⊙                   | MC-750-595-GN-WT   | White on Green | 19.05              | 7.62 m             | 1               |
| ⊙                   | MC1-1000-595-GN-WT | White on Green | 25.40              | 7.62 m             | 1               |
| ⊙                   | MC-500-595-RD-WT   | White on Red   | 12.70              | 7.62 m             | 1               |
| ⊙                   | MC-750-595-RD-WT   | White on Red   | 19.05              | 7.62 m             | 1               |
| ⊙                   | MC1-1000-595-RD-WT | White on Red   | 25.40              | 7.62 m             | 1               |

\* Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary. A polyester overlamine is recommended for harsh environments - long term exposure to wind and rain.



## BMP51 LABEL PRINTER



### DESIGNED TO GET THE JOB DONE

The BMP™51 Label Printer help you get the job done faster, easier and with confidence. It offers crisp printing, easy formatting, convenient label sizes, and portability required for electrical and datacom installations and general industrial labelling.

- Change supplies in seconds
- Automatic label formatting
- Quick to print - 25.40 mm per second
- Durable built-in cutter
- Battery options for portability
- Built-in Bluetooth® technology or optional Wi-Fi card for wireless printing
- Software compatability for advanced label design
- Continous and die-cut label materials
- Labels up to 38.10 mm wide
- A magnet to keep your printer handy
- Tough, durable label materials that won't fade, smear or fall off

### BMP™51 LABEL PRINTER

| Art. No. | Order Reference         | Description                                                                  |
|----------|-------------------------|------------------------------------------------------------------------------|
| 710932   | BMP51-EU-LAB            | BMP51 Lab Kit with EU powercord                                              |
| 710894   | BMP51 PRINTER EU        | BMP51 Printer with Battery Pack - AC Adaptor/ Battery Charger EU             |
| 710896   | BMP51 PRINTER KIT EU-LM | BMP51 Printer with Battery Pack - AC Adaptor/ Battery Charger EU & LabelMark |
| 710898   | BMP51 PRINTER KIT UK    | BMP51 Printer with Battery Pack - AC Adaptor/ Battery Charger UK             |
| 710900   | BMP51 PRINTER KIT UK-LM | BMP51 Printer with Battery Pack - AC Adaptor/ Battery Charger UK & LabelMark |

For more information about LabelMark, please see page 22.

Printer comes with a hard carrying case, Rechargeable Li-ion Battery and AC Adaptor with power cord, USB Cable, Drivers CD, Product CD, Quick Start Guide, MC-1500-595-WT-BK and a Bluetooth network card.



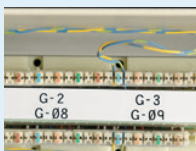
### APPLICATION KITS

| Art. No. | Order Reference | Description             | Art. No. | Order Reference | Description              |
|----------|-----------------|-------------------------|----------|-----------------|--------------------------|
| 710930   | BMP51-EU-ELEC   | BMP51 Electrical Kit EU | 710928   | BMP51-EU-DATA   | BMP51 TeleDatacom Kit EU |

**Electrical Kit contains:** BMP51 printer + hard case + USB Cable + rechargeable Li-ion Battery + AC adaptor with power cord + Magnet + LabelMark Software + M-132-499 + M1-115-427 + MC-1500-595-WT-BK

**Tele/Datacom Kits contains:** BMP51 printer + hard case + USB Cable + rechargeable Li-ion Battery + AC adaptor with power cord + Magnet + LabelMark Software + M-48-427 + MC-375-422 + MC-1500-595-WT-BK

Get the job done **FASTER, EASIER** and **WITH CONFIDENCE**.



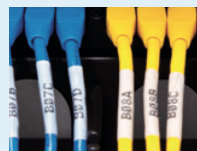
Voice & Data  
Communications



PermaSleeve  
Wire Marking Sleeves



Product Identification



Self-laminating



Tamper-resistant



General ID and  
many more!

| Printer Specifications                  |                                                                                                                                                                                                            |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specifications                          | BMP™51 Label Printer                                                                                                                                                                                       |
| Language Support                        | Danish, Dutch, English, Finnish, French, German, Italian, Norwegian (Bokmål), Portuguese, Spanish, Swedish                                                                                                 |
| Software Compatibility                  | Brady Workstation, LabelMark, CodeSoft                                                                                                                                                                     |
| Bar Code Type                           | Code 39 and 128, other via software                                                                                                                                                                        |
| Recommended Usage per Day               | 500                                                                                                                                                                                                        |
| Built-in Symbols                        | 450 symbols included                                                                                                                                                                                       |
| Colour Capability                       | Monocolour                                                                                                                                                                                                 |
| Stand-alone Printing (Detached from PC) | Stand-alone & Peripheral                                                                                                                                                                                   |
| Connectivity Options                    | USB, Bluetooth. Optional: Ethernet, WiFi                                                                                                                                                                   |
| Internal Memory Capacity                | 48 MB - up to 25.000 labels                                                                                                                                                                                |
| Print Speed (mm/sec)                    | 25.40                                                                                                                                                                                                      |
| Print Technology                        | Thermal Transfer                                                                                                                                                                                           |
| Print Resolution (dpi)                  | 300                                                                                                                                                                                                        |
| Smart Cell                              | Yes                                                                                                                                                                                                        |
| Text Sizes (pt)                         | 4 - 102 pt                                                                                                                                                                                                 |
| Serialisation                           | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                                                                                                                |
| Max. Label Width (mm)                   | 38.10 mm                                                                                                                                                                                                   |
| Max. Print Width (mm)                   | 36.00 mm                                                                                                                                                                                                   |
| Materials Supported                     | 200+ standard parts: continuous tapes and die cut labels                                                                                                                                                   |
| Label Dimensions                        | <b>Continuous:</b><br>Width: from 6.00 to 38.00 mm;<br>Length: 2.10, 6.10 or 7.60 metre;<br>Print length: 970 mm<br><br><b>Die-cut:</b><br>Width: from 6.00 to 38.00 mm;<br>Height: from 6.00 to 152.00 mm |
| Label Colours                           | Black on White, Red on White, Black on Yellow, Black on Clear, White on Blue, Black on Green, White on Green, Black on Orange, White on Red, Black on Red, White on Black, Black on Silver                 |
| Physical Properties                     |                                                                                                                                                                                                            |
| Keyboard Type                           | QWERTY                                                                                                                                                                                                     |
| Display                                 | Monocolour LCD Screen                                                                                                                                                                                      |
| Cutter                                  | Manual cut<br>Between labels or at end of print job<br>With label retention                                                                                                                                |
| Power Supply                            | AC Adaptor<br>8 AA Batteries<br>Rechargeable Battery                                                                                                                                                       |
| Height x Width (mm) x Height            | 255 mm x 155 mm x 90 mm                                                                                                                                                                                    |
| Weight (kg)                             | 1.20                                                                                                                                                                                                       |

## BRADY WORKSTATION



Brady Workstation offers professional, intuitive apps to design quality product and cable labels and safety signs. With Brady Workstation label design becomes easier, faster and quickly adaptable to new label norms thanks to centralised updates.

For more information about Brady Workstation, please see page 16.

## WORK WIRELESS OR WITHIN YOUR ETHERNET WITH THE WIFI OR LAN NETWORK CARD



## BMP™51 ACCESSORIES

| Art. No. | Order Reference       | Description                                                   |
|----------|-----------------------|---------------------------------------------------------------|
| 142261   | UBP-LI-ION-AC-120v    | Universal Li-ion Battery Pack with AC Adaptor/Battery Pack US |
| 710902   | UBP-LI-ION-AC-EUR     | Universal Li-ion Battery Pack with AC Adaptor/Battery Pack EU |
| 710903   | UBP-LI-ION-AC-UK      | Universal Li-ion Battery Pack with AC Adaptor/Battery Pack UK |
| 114883   | M41/50/61/71-AC-BC-NA | AC Adaptor - USA 120V                                         |
| 710612   | M41/50/61/71-BC-EU    | AC Adaptor - Europe 220V                                      |
| 710613   | M41/50/61/71-AC-BC-UK | AC Adaptor - UK 240V                                          |
| 142260   | BMP-UBP 12V           | Universal Li-Ion Battery Pack                                 |
| 143115   | M50-BATT-TRAY         | BMP50 Series Spare Battery Tray for 8 AA batteries            |
| 143109   | M50-HC                | BMP50 Series Hard Carry Case                                  |
| 121423   | M50-SC                | BMP50 Series Soft Carry Case                                  |
| 143108   | M50-MAGNET            | BMP50 Series Magnet Accessory                                 |
| 142265   | NET-BT                | Bluetooth Network Card                                        |
| 142267   | NET-LAN               | LAN Network Card                                              |
| 142266   | NET-WIFI              | WiFi Network Card                                             |
| 143114   | BMP41-BMP50-USB       | BMP41-BMP50 Series USB Cable                                  |



# BMP51 and BMP53 Cartridges - Voice & Datacom ID

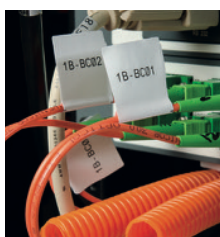


See page 42 for more information on the BMP51 Tele/Datacom Kit.



**How to read an order reference: example M-31-427-YL**

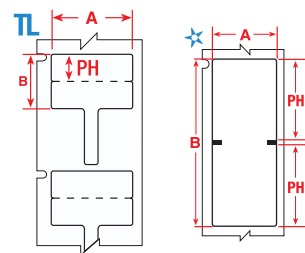
**M** - **31** - **427** - **YL**  
M: Die cut label      Label size code      Brady material number (B-number)      Optional colour  
MC: Continuous label



## CABLE FLAGS

Pre-formatted with two printable areas, allowing label to be easily folded around wires to create a two-sided, printed flag.

Information is still legible on smaller diameter wires and the flag permits you to handle and view labels without touching the wires.

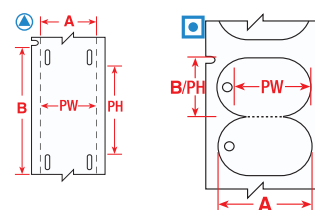


| Diagram                     | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Printable Area Height PH (mm) | Labels per Roll | Additional Features             |
|-----------------------------|-----------------|----------------|--------------------|---------------------|-------------------------------|-----------------|---------------------------------|
| <b>B-425: Polypropylene</b> |                 |                |                    |                     |                               |                 |                                 |
| TL                          | MFT-01-425      | Black on White | 30.00              | 20.00               | 10.00                         | 200             | Ideal for Fibre Optic Labelling |
| <b>B-499: Nylon Cloth</b>   |                 |                |                    |                     |                               |                 |                                 |
| ☆                           | M-141-499       | Black on White | 25.40              | 57.15               | 25.40                         | 90              |                                 |
| ☆                           | M-152-499       | Black on White | 38.10              | 31.75               | —                             | 160             | Low profile; High adhesion      |



## TAGS FOR COMMUNICATIONS CABLES

Multi-purpose tag that can be used for a variety of applications including identification of multiconductor cables, inventory, equipment, lockout, safety warning repair and work-in-progress. Extremely tear resistant.

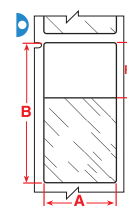


| Diagram                        | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Labels per Roll | Additional Features   |
|--------------------------------|-----------------|----------------|--------------------|---------------------|------------------------------|-------------------------------|-----------------|-----------------------|
| <b>B-109: Polyethylene Tag</b> |                 |                |                    |                     |                              |                               |                 |                       |
| ⬇                              | M-12-109        | Black on White | 19.05              | 76.20               | 19.05                        | 56.00                         | 80              | Good cold-weather tag |
| <b>B-145: Polyethylene Tag</b> |                 |                |                    |                     |                              |                               |                 |                       |
| ⬇                              | M-111-145FR-GY  | Black on Grey  | 30.63              | 19.25               | 20.62                        | 19.25                         | 65              | Flame Retardant       |



## SELF-LAMINATING CABLE MARKERS

Features a clear, non-printable area that wraps around the cable and serves as an overlamine to the printed text. Offers superior resistance to abrasion, dirt, oils, solvents, and water.



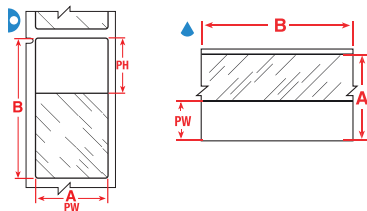
| Diagram                             | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Labels per Roll | Max. Wire Diameter (mm) | For Data Cables Sized to Fit             |
|-------------------------------------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|-----------------|-------------------------|------------------------------------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                             |                    |                     |                    |                              |                               |                 |                         |                                          |
| ⬇                                   | M-89-427        | Black on White/Transparent  | 12.70              | 38.10               |                    | 12.70                        | 12.70                         | 180             | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ⬇                                   | M-11-427        | Black on White/Transparent  | 12.70              | 19.05               |                    | 12.70                        | 9.53                          | 360             | 3.00                    |                                          |
| ⬇                                   | M-102-427       | Black on White/Transparent  | 12.70              | 31.75               |                    | 12.70                        | 9.53                          | 200             | 7.10                    | CAT 6; 4 pair UTP Copper                 |
| ⬇                                   | M-90-427        | Black on White/Transparent  | 19.05              | 38.10               |                    | 19.05                        | 12.70                         | 180             | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ⬇                                   | M-91-427        | Black on White/Transparent  | 25.40              | 38.10               |                    | 25.40                        | 12.70                         | 180             | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ⬇                                   | M-143-427       | Black on White/Transparent  | 25.40              | 31.75               |                    | 25.40                        | 12.70                         | 200             | 6.10                    | CAT 6; 4 pair UTP Copper                 |
| ⬇                                   | M-91-427-YL     | Black on Yellow/Transparent | 25.40              | 38.10               |                    | 25.40                        | 12.70                         | 180             | 8.10                    | CAT 6; 4 pair UTP Copper                 |
| ⬇                                   | M-51-427        | Black on White/Transparent  | 25.40              | 63.50               |                    | 25.40                        | 19.05                         | 110             | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |

Full Material Properties on page 228

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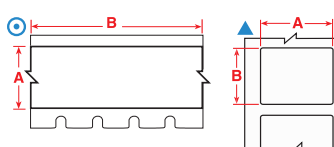
## SELF-LAMINATING CABLE MARKERS (CONTINUED)



| Diagram | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Labels per Roll | Max. Wire Diameter (mm) | For Data Cables Sized to Fit             |
|---------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|-----------------|-------------------------|------------------------------------------|
|         | M-49-427        | Black on White/Transparent  | 25.40              | 25.40               | 7.62 m             | 25.40                        | 9.53                          | 260             | 5.10                    | 2 Pair Fibre/Coaxial; Single/Multi-Mode  |
|         | M-51-427-YL     | Black on Yellow/Transparent | 25.40              | 63.50               | 7.62 m             | 25.40                        | 19.05                         | 110             | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |
|         | M-53-427        | Black on White/Transparent  | 25.40              | 101.60              | 7.62 m             | 25.40                        | 25.40                         | 70              | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
|         | M-53-427-YL     | Black on Yellow/Transparent | 25.40              | 101.60              | 7.62 m             | 25.40                        | 25.40                         | 70              | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
|         | M-115-427       | Black on White/Transparent  | 38.10              | 31.75               | 7.62 m             | 38.10                        | 12.70                         | 200             | 6.10                    | CAT 6; 4 pair UTP Copper                 |
|         | M-32-427        | Black on White/Transparent  | 38.10              | 38.10               | 7.62 m             | 38.10                        | 12.70                         | 180             | 8.10                    | CAT 6; 4 pair UTP Copper                 |
|         | M-116-427       | Black on White/Transparent  | 38.10              | 63.50               | 7.62 m             | 38.10                        | 19.05                         | 80              | 14.20                   | 25 pair Copper; 4-12 pair Fibre; Coaxial |
|         | M-33-427        | Black on White/Transparent  | 38.10              | 101.60              | 7.62 m             | 38.10                        | 25.40                         | 70              | 24.30                   | 50 Pair Copper; 24 Pair Fibre; Backbone  |
|         | M-34-427        | Black on White/Transparent  | 38.10              | 152.40              | 7.62 m             | 38.10                        | 38.10                         | 40              | 36.40                   | 100 Pair Copper; 36 Pair Fibre; Backbone |
|         | MC-750-427      | Black on White/Transparent  | 19.05              | —                   | 7.62 m             | 9.53                         | —                             | 1               | 3.00                    | CAT 6; 4 pair UTP Copper                 |
|         | MC-1000-427     | Black on White/Transparent  | 25.40              | —                   | 7.62 m             | 9.53                         | —                             | 1               | 5.10                    | CAT 6; 4 pair UTP Copper                 |
|         | MC-1250-427     | Black on White/Transparent  | 31.75              | —                   | 7.62 m             | 12.70                        | —                             | 1               | 6.10                    | Communication Cables                     |
|         | MC-1500-427     | Black on White/Transparent  | 38.10              | —                   | 7.62 m             | 12.70                        | —                             | 1               | 8.10                    | CAT 6; 4 pair UTP Copper                 |

## GENERAL DATACOM IDENTIFICATION

Durable materials with permanent adhesive. Available in a variety of sizes and colours for marking racks, bays, frames, slots, and other voice/data hardware.



| Diagram                 | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll | Additional Features                                                    |
|-------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|-----------------|------------------------------------------------------------------------|
| <b>B-422: Polyester</b> |                    |                 |                    |                     |                    |                 |                                                                        |
|                         | M-89-422           | Black on White  | 12.70              | 38.10               | 7.62 m             | 180             | Stick-on Individual Labels                                             |
|                         | M-7-422            | Black on White  | 12.70              | 12.70               | 7.62 m             | 280             | Port Labels                                                            |
|                         | MC1-1000-422       | Black on White  | 25.40              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
|                         | M-49-422           | Black on White  | 25.40              | 25.40               | 7.62 m             | 260             | Adhesive Stick-on individual labels                                    |
|                         | M-17-422           | Black on White  | 25.40              | 12.70               | 7.62 m             | 360             | Stick-on Individual Labels                                             |
|                         | M-30-422           | Black on White  | 38.10              | 19.05               | 7.62 m             | 200             | Stick-on Individual Labels                                             |
| <b>B-483: Polyester</b> |                    |                 |                    |                     |                    |                 |                                                                        |
|                         | M-61-483           | Black on White  | 12.70              | 50.80               | 7.62 m             | 80              | Ultra-aggressive adhesive; Designed for powder coated surfaces         |
|                         | M-60-483           | Black on White  | 25.40              | 50.80               | 7.62 m             | 140             | Ultra-aggressive adhesive; Designed for powder coated surfaces         |
|                         | M-47-483           | Black on White  | 25.40              | 12.70               | 7.62 m             | 480             | Ultra-aggressive adhesive; Designed for powder coated surfaces         |
| <b>B-595: Vinyl</b>     |                    |                 |                    |                     |                    |                 |                                                                        |
|                         | MC-375-595-WT-BK   | Black on White  | 9.53               | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-375-595-YL-BK   | Black on Yellow | 9.53               | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-500-595-YL-BK   | Black on Yellow | 12.70              | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-750-595-YL-BK   | Black on Yellow | 19.05              | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-1500-595-YL-BK  | Black on Yellow | 38.10              | —                   | 7.62 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-500-595-CL-WT   | White on Clear  | 12.70              | —                   | 6.10 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-750-595-CL-WT   | White on Clear  | 19.05              | —                   | 6.10 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC1-1000-595-CL-WT | White on Clear  | 25.40              | —                   | 6.10 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |
|                         | MC-1500-595-CL-WT  | White on Clear  | 38.10              | —                   | 6.10 m             | 1               | Adhesive Stick on Strips, Cut to Size                                  |

For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 51.



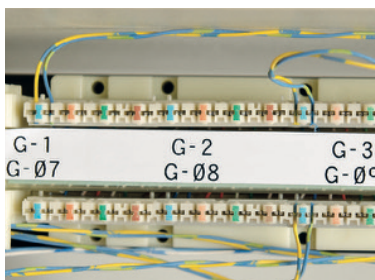
## HASSLE FREE CARTRIDGES

- Easy-to-load cartridges with "Anti-jam technology."
- Ribbon and label materials: all in ONE cartridge!

Full Material Properties on page 228



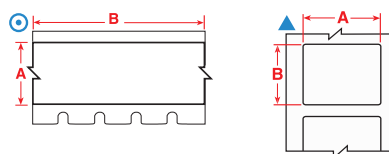
# BMP51 and BMP53 Cartridges - Voice & Datacom ID



## PUNCH BLOCK & PATCH PANEL LABELS

Make fully-formatted punch block strips or labels in one easy process.

Using LabelMark™ Labelling Software easily create serialised punch block labels with or without grid lines to fit your equipment.

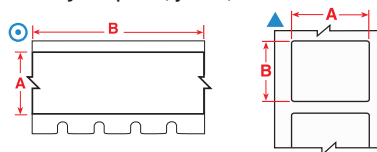


| Diagram                         | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll | Additional Features                                                    |
|---------------------------------|-----------------|----------------|--------------------|---------------------|--------------------|-----------------|------------------------------------------------------------------------|
| <b>B-412: Polypropylene Tag</b> |                 |                |                    |                     |                    |                 |                                                                        |
| ⊙                               | MC-375-412      | Black on White | 9.53               | —                   | 6.10 m             | 1               | Non-Adhesive Slide-in Strips                                           |
| ⊙                               | MC-475-412      | Black on White | 12.07              | —                   | 6.10 m             | 1               | Non-Adhesive Slide-in Strips                                           |
| ⊙                               | MC-625-412      | Black on White | 15.88              | —                   | 6.10 m             | 1               | Non-Adhesive Slide-in Strips                                           |
| <b>B-422: Polyester</b>         |                 |                |                    |                     |                    |                 |                                                                        |
| ▲                               | M-7-422         | Black on White | 12.70              | 12.70               |                    | 280             | Port Labels                                                            |
| ⊙                               | MC-375-422      | Black on White | 9.53               | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                               | MC-475-422      | Black on White | 12.07              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                               | MC-625-422      | Black on White | 15.88              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |



## FACEPLATE & OUTLET LABELS

Label your ports, jacks, and outlets with a variety of adhesive labels or slide-in strips.



| Diagram                         | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll | Additional Features                                                    |
|---------------------------------|-----------------|----------------|--------------------|---------------------|--------------------|-----------------|------------------------------------------------------------------------|
| <b>B-412: Polypropylene Tag</b> |                 |                |                    |                     |                    |                 |                                                                        |
| ⊙                               | MC-475-412      | Black on White | 12.07              | —                   | 6.10 m             | 1               | Non-Adhesive Slide-in Strips                                           |
| <b>B-422: Polyester</b>         |                 |                |                    |                     |                    |                 |                                                                        |
| ▲                               | M-89-422        | Black on White | 12.70              | 38.10               |                    | 180             | Stick-on Individual Labels                                             |
| ▲                               | M-7-422         | Black on White | 12.70              | 12.70               |                    | 280             | Port Labels                                                            |
| ▲                               | M-17-422        | Black on White | 25.40              | 12.70               |                    | 360             | Stick-on Individual Labels                                             |
| ▲                               | M-30-422        | Black on White | 38.10              | 19.05               |                    | 200             | Stick-on Individual Labels                                             |
| ⊙                               | MC-375-422      | Black on White | 9.53               | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| ⊙                               | MC-475-422      | Black on White | 12.07              | —                   | 7.62 m             | 1               | Adhesive Stick-on Strips: Outlet, Patch Panel, Cont. Tape, Cut to Size |
| <b>B-483: Polyester</b>         |                 |                |                    |                     |                    |                 |                                                                        |
| ▲                               | M-61-483        | Black on White | 12.70              | 50.80               |                    | 80              | Ultra-aggressive adhesive; Designed for powder coated surfaces         |



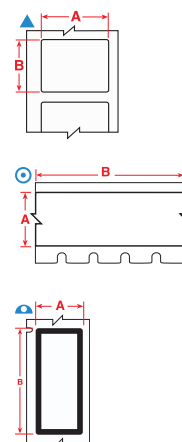
### Did you know?

The BMP51 Label Printer has a built-in label retention feature, that grips the label until you need it. Paired with the magnet accessory, this is the ultimate answer to your “on the job” labelling requirements.

## GENERAL ELECTRICAL COMPONENT MARKING

Various sizes, colours and label types for marking relays, solenoids, switches, drive motors, and other components.

| Diagram                            | Order Reference    | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll |
|------------------------------------|--------------------|-----------------|--------------------|---------------------|--------------------|-----------------|
| <b>B-422: Polyester</b>            |                    |                 |                    |                     |                    |                 |
| ▲                                  | M-89-422           | Black on White  | 12.70              | 38.10               |                    | 180             |
| ▲                                  | M-7-422            | Black on White  | 12.70              | 12.70               |                    | 280             |
| ▲                                  | M-49-422           | Black on White  | 25.40              | 25.40               |                    | 260             |
| ⊙                                  | MC1-1000-422       | Black on White  | 25.40              | —                   | 7.62 m             | 1               |
| <b>B-428: Metallised Polyester</b> |                    |                 |                    |                     |                    |                 |
| ⬇                                  | M-92-428-BB        | Black on Silver | 12.70              | 33.02               |                    | 239             |
| ▲                                  | M-47-428           | Black on Silver | 25.40              | 12.70               |                    | 480             |
| ▲                                  | M-60-428           | Black on Silver | 25.40              | 50.80               |                    | 140             |
| ▲                                  | M-29-428           | Black on Silver | 38.10              | 12.70               |                    | 360             |
| ▲                                  | M-30-428           | Black on Silver | 38.10              | 19.05               |                    | 260             |
| <b>B-483: Polyester</b>            |                    |                 |                    |                     |                    |                 |
| ▲                                  | M-61-483           | Black on White  | 12.70              | 50.80               |                    | 80              |
| ▲                                  | M-60-483           | Black on White  | 25.40              | 50.80               |                    | 140             |
| <b>B-499: Nylon Cloth</b>          |                    |                 |                    |                     |                    |                 |
| ▲                                  | M-11-499           | Black on White  | 19.05              | 12.70               |                    | 220             |
| ▲                                  | M-84-499           | Black on White  | 22.86              | 12.70               |                    | 200             |
| ▲                                  | M-128-499          | Black on White  | 25.40              | 48.26               |                    | 100             |
| ▲                                  | M-132-499          | Black on White  | 38.10              | 31.75               |                    | 160             |
| <b>B-595: Vinyl</b>                |                    |                 |                    |                     |                    |                 |
| ⊙                                  | MC-500-595-OR-BK   | Black on Orange | 12.70              | —                   | 7.62 m             | 1               |
| ⊙                                  | MC-750-595-OR-BK   | Black on Orange | 19.05              | —                   | 7.62 m             | 1               |
| ⊙                                  | MC1-1000-595-OR-BK | Black on Orange | 25.40              | —                   | 7.62 m             | 1               |
| ⊙                                  | MC-1500-595-OR-BK  | Black on Orange | 38.10              | —                   | 7.62 m             | 1               |



For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 51.

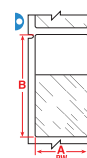


See page 42 for more information on the BMP51 Electrical Kit.



## SELF-LAMINATING WIRE & CABLE MARKERS

Features a clear, non-printable "tail" that wraps around the wire and serves as an overlamine to the printed text. Protected print area offers superior chemical and abrasion resistance.



| Diagram                             | Order Reference | Colour                      | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Max. Wire Diameter (mm) | Labels per Roll |
|-------------------------------------|-----------------|-----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|-------------------------|-----------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                             |                    |                     |                    |                              |                               |                         |                 |
| ⬇                                   | M-89-427        | Black on White/Transparent  | 12.70              | 38.10               |                    | 12.70                        | 12.70                         | 8.10                    | 180             |
| ⬇                                   | M-47-427        | Black on White/Transparent  | 12.70              | 25.40               |                    | 12.70                        | 9.53                          | 5.10                    | 360             |
| ⬇                                   | M-11-427        | Black on White/Transparent  | 12.70              | 19.05               |                    | 12.70                        | 9.53                          | 3.00                    | 360             |
| ⬇                                   | M-102-427       | Black on White/Transparent  | 12.70              | 31.75               |                    | 12.70                        | 9.53                          | 7.10                    | 200             |
| ⬇                                   | M-90-427        | Black on White/Transparent  | 19.05              | 38.10               |                    | 19.05                        | 12.70                         | 8.10                    | 180             |
| ⬇                                   | M-48-427        | Black on White/Transparent  | 19.05              | 25.40               |                    | 9.53                         | 19.05                         | 3.00                    | 200             |
| ⬇                                   | M-91-427        | Black on White/Transparent  | 25.40              | 38.10               |                    | 25.40                        | 12.70                         | 8.10                    | 180             |
| ⬇                                   | M-143-427       | Black on White/Transparent  | 25.40              | 31.75               |                    | 25.40                        | 12.70                         | 6.10                    | 200             |
| ⬇                                   | M-91-427-YL     | Black on Yellow/Transparent | 25.40              | 38.10               |                    | 25.40                        | 12.70                         | 8.10                    | 180             |
| ⬇                                   | M-51-427        | Black on White/Transparent  | 25.40              | 63.50               |                    | 25.40                        | 19.05                         | 14.20                   | 110             |
| ⬇                                   | M-49-427        | Black on White/Transparent  | 25.40              | 25.40               |                    | 25.40                        | 9.53                          | 5.10                    | 260             |
| ⬇                                   | M-136-427       | Black on White/Transparent  | 25.40              | 19.05               |                    | 25.40                        | 9.53                          | 3.00                    | 340             |
| ⬇                                   | M-51-427-YL     | Black on Yellow/Transparent | 25.40              | 63.50               |                    | 25.40                        | 19.05                         | 14.20                   | 110             |
| ⬇                                   | M-53-427        | Black on White/Transparent  | 25.40              | 101.60              |                    | 25.40                        | 25.40                         | 24.30                   | 70              |
| ⬇                                   | M-53-427-YL     | Black on Yellow/Transparent | 25.40              | 101.60              |                    | 25.40                        | 25.40                         | 24.30                   | 70              |
| ⬇                                   | M-115-427       | Black on White/Transparent  | 38.10              | 31.75               |                    | 38.10                        | 12.70                         | 6.10                    | 200             |

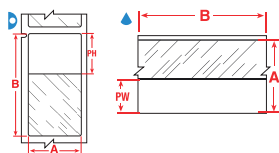
Full Material Properties on page 228

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# BMP51 and BMP53 Cartridges - Electrical ID



## SELF-LAMINATING WIRE & CABLE MARKERS (CONTINUED)



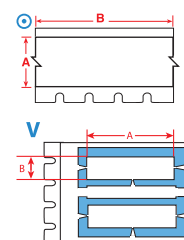
| Diagram | Order Reference | Colour                     | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Max. Wire Diameter (mm) | Labels per Roll |
|---------|-----------------|----------------------------|--------------------|---------------------|--------------------|------------------------------|-------------------------------|-------------------------|-----------------|
|         | M-32-427        | Black on White/Transparent | 38.10              | 38.10               |                    | 38.10                        | 12.70                         | 8.10                    | 180             |
|         | M-116-427       | Black on White/Transparent | 38.10              | 63.50               |                    | 38.10                        | 19.05                         | 14.20                   | 80              |
|         | M-33-427        | Black on White/Transparent | 38.10              | 101.60              |                    | 38.10                        | 25.40                         | 24.30                   | 70              |
|         | M-34-427        | Black on White/Transparent | 38.10              | 152.40              |                    | 38.10                        | 38.10                         | 36.40                   | 40              |
|         | MC-750-427      | Black on White/Transparent | 19.05              | —                   | 7.62 m             | 9.53                         | —                             | 3.00                    | 1               |
|         | MC-1000-427     | Black on White/Transparent | 25.40              | —                   | 7.62 m             | 9.53                         | —                             | 5.10                    | 1               |
|         | MC-1250-427     | Black on White/Transparent | 31.75              | —                   | 7.62 m             | 12.70                        | —                             | 6.10                    | 1               |
|         | MC-1500-427     | Black on White/Transparent | 38.10              | —                   | 7.62 m             | 12.70                        | —                             | 8.10                    | 1               |



## PERMASLEEVE™ PS WIRE MARKING SLEEVES

These heat-shrink sleeves are the ultimate in marker durability, permanence and aesthetic appearance. Fast shrink rate saves time and costs during installation. Available as individual die-cut markers or continuous cut-to-length tubing.

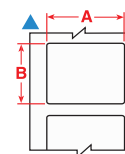
| Diagram                                     | Order Reference | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll |
|---------------------------------------------|-----------------|-----------------|--------------------|---------------------|--------------------|-------------------------|-------------------------|-----------------|
| <b>B-342: Heat-shrink Polyolefin Sleeve</b> |                 |                 |                    |                     |                    |                         |                         |                 |
|                                             | M-187-075-342   | Black on White  | 19.05              | 8.50                | —                  | 1.57                    | 3.81                    | 80              |
|                                             | M-250-075-342   | Black on White  | 19.05              | 11.15               | —                  | 2.39                    | 5.46                    | 80              |
|                                             | M-125-075-342   | Black on White  | 19.05              | 6.00                | —                  | 1.17                    | 2.79                    | 80              |
|                                             | M-375-075-342   | Black on White  | 19.05              | 16.40               | —                  | 3.18                    | 8.13                    | 80              |
|                                             | M-125-1-342     | Black on White  | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 80              |
|                                             | M-187-1-342     | Black on White  | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 80              |
|                                             | M-250-1-342     | Black on White  | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 80              |
|                                             | M-375-1-342     | Black on White  | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 80              |
|                                             | MC-187-342      | Black on White  | —                  | 8.50                | 2.13 m             | 1.57                    | 3.81                    | 1               |
|                                             | MC-125-342      | Black on White  | —                  | 6.00                | 2.13 m             | 1.17                    | 2.79                    | 1               |
|                                             | MC-250-342      | Black on White  | —                  | 11.15               | 2.13 m             | 2.39                    | 5.46                    | 1               |
|                                             | MC1-375-342     | Black on White  | —                  | 16.40               | 2.13 m             | 3.18                    | 8.13                    | 1               |
|                                             | MC-187-342-YL   | Black on Yellow | —                  | 8.50                | 2.13 m             | 1.57                    | 3.81                    | 1               |
|                                             | MC-125-342-YL   | Black on Yellow | —                  | 6.00                | 2.13 m             | 1.17                    | 2.79                    | 1               |
|                                             | MC-250-342-YL   | Black on Yellow | —                  | 11.15               | 2.13 m             | 2.39                    | 5.46                    | 1               |



## WRAP AROUND WIRE & CABLE MARKERS

Durable vinyl cloth wrap around wire and cable markers made with an adhesive that allows the markers to be removed cleanly and reapplied if necessary.

| Diagram                   | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Max. Wire Diameter (mm) | Labels per Roll |
|---------------------------|-----------------|----------------|--------------------|---------------------|--------------------|-------------------------|-----------------|
| <b>B-498: Vinyl Cloth</b> |                 |                |                    |                     |                    |                         |                 |
|                           | M-7-498         | Black on White | 12.70              | 12.70               | -                  | 2.80                    | 240             |
|                           | M-11-498        | Black on White | 19.05              | 12.70               | -                  | 4.00                    | 220             |
|                           | M-91-498        | Black on White | 25.40              | 38.10               | -                  | 7.10                    | 120             |
|                           | M-48-498        | Black on White | 25.40              | 19.05               | -                  | 5.10                    | 180             |
|                           | M-49-498        | Black on White | 25.40              | 25.40               | -                  | 5.10                    | 160             |
|                           | M-131-498       | Black on White | 12.70              | 25.40               | -                  | 5.10                    | 180             |



>>

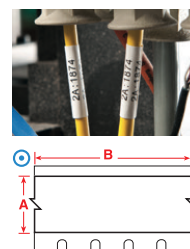


The Indoor/Outdoor Grade Facility Labels are also suitable for this application. See page 51 for the full range of colours and sizes for these labels.

Full Material Properties on page 228

## WRAP AROUND WIRE & CABLE MARKERS (CONTINUED)

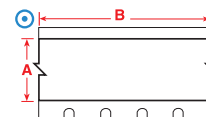
|                    |             |                |       |   |        |   |   |
|--------------------|-------------|----------------|-------|---|--------|---|---|
| ⊙                  | MC-375-499  | Black on White | 9.53  | - | 4.88 m | - | 1 |
| B-499: Nylon Cloth |             |                |       |   |        |   |   |
| ⊙                  | MC-500-499  | Black on White | 12.70 | - | 4.88 m | - | 1 |
| ⊙                  | MC-1000-499 | Black on White | 25.40 | - | 4.88 m | - | 1 |
| ⊙                  | MC-750-499  | Black on White | 19.05 | - | 4.88 m | - | 1 |



**i** The Indoor/Outdoor Grade Facility Labels are also suitable for this application. See page 51 for the full range of colours and sizes for these labels.

## TERMINAL BLOCK MARKERS

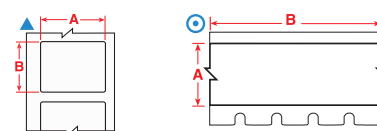
Specially-designed narrow-width markers. LabelMark™ Labelling Software can auto-serialise these labels to save you time.



| Diagram            | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Roll |
|--------------------|-----------------|----------------|--------------------|--------------------|-----------------|
| B-498: Vinyl Cloth |                 |                |                    |                    |                 |
| ⊙                  | MC-240-498      | Black on White | 6.10               | 4.88 m             | 1               |
| ⊙                  | MC-318-498      | Black on White | 8.08               | 4.88 m             | 1               |
| ⊙                  | MC-375-498      | Black on White | 9.53               | 6.10 m             | 1               |

## CONTROL PANEL AND ELECTRICAL PANEL LABELS

Long-lasting, durable materials to quickly identify control and electrical panels.



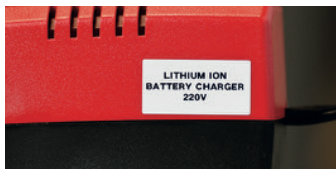
| Diagram                     | Order Reference   | Colour          | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll |
|-----------------------------|-------------------|-----------------|--------------------|---------------------|--------------------|-----------------|
| B-428: Metallised Polyester |                   |                 |                    |                     |                    |                 |
| ▲                           | M-47-428          | Black on Silver | 25.40              | 12.70               |                    | 480             |
| ▲                           | M-60-428          | Black on Silver | 25.40              | 50.80               |                    | 140             |
| ▲                           | M-29-428          | Black on Silver | 38.10              | 12.70               |                    | 360             |
| ▲                           | M-30-428          | Black on Silver | 38.10              | 19.05               |                    | 260             |
| B-595: Vinyl                |                   |                 |                    |                     |                    |                 |
| ⊙                           | MC-1500-595-CL-BK | Black on Clear  | 38.10              | -                   | 6.10 m             | 1               |
| ⊙                           | MC-1500-595-CL-WT | White on Clear  | 38.10              | -                   | 6.10 m             | 1               |
| ⊙                           | MC-1500-595-OR-BK | Black on Orange | 38.10              | -                   | 7.62 m             | 1               |
| ⊙                           | MC-1500-595-WT-BK | Black on White  | 38.10              | -                   | 7.62 m             | 1               |
| ⊙                           | MC-1500-595-YL-BK | Black on Yellow | 38.10              | -                   | 7.62 m             | 1               |
| ⊙                           | MC-1500-595-WT-RD | Red on White    | 38.10              | -                   | 7.62 m             | 1               |
| ⊙                           | MC-1500-595-BK-WT | White on Black  | 38.10              | -                   | 7.62 m             | 1               |
| ⊙                           | MC-1500-595-BL-WT | White on Blue   | 38.10              | -                   | 7.62 m             | 1               |
| ⊙                           | MC-1500-595-GN-WT | White on Green  | 38.10              | -                   | 7.62 m             | 1               |
| ⊙                           | MC-1500-595-RD-WT | White on Red    | 38.10              | -                   | 7.62 m             | 1               |

For additional general purpose labels, see Indoor/Outdoor Grade Facility Labels on page 51.

Full Material Properties on page 228



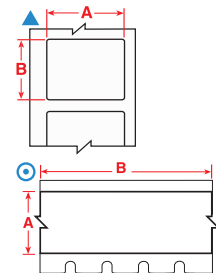
# BMP51 and BMP53 Cartridges - Product ID



## ROUGH SURFACE LABELS

Ideal for marking textured or rough surfaces.  
Available in die-cut pieces or continuous rolls.

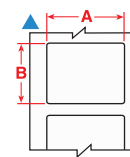
| Diagram          | Order Reference | Colour         | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Labels per Roll |
|------------------|-----------------|----------------|-----------------------|------------------------|-----------------------|-----------------|
| B-422: Polyester |                 |                |                       |                        |                       |                 |
|                  | MC-375-422      | Black on White | 9.53                  | —                      | 7.62 m                | 1               |
|                  | MC-475-422      | Black on White | 12.07                 | —                      | 7.62 m                | 1               |
|                  | MC-500-422      | Black on White | 12.70                 | —                      | 7.62 m                | 1               |
|                  | MC-625-422      | Black on White | 15.88                 | —                      | 7.62 m                | 1               |
|                  | MC1-1000-422    | Black on White | 25.40                 | —                      | 7.62 m                | 1               |
|                  | M-89-422        | Black on White | 12.70                 | 38.10                  | —                     | 180             |
|                  | M-7-422         | Black on White | 12.70                 | 12.70                  | —                     | 280             |
|                  | M-90-422        | Black on White | 19.05                 | 38.10                  | —                     | 180             |
|                  | M-47-422        | Black on White | 25.40                 | 12.70                  | —                     | 480             |
|                  | M-49-422        | Black on White | 25.40                 | 25.40                  | —                     | 260             |
|                  | M-17-422        | Black on White | 25.40                 | 12.70                  | —                     | 360             |
|                  | M-30-422        | Black on White | 38.10                 | 19.05                  | —                     | 200             |



## LOW SURFACE ENERGY/ POWDER COATED SURFACE LABELS

Adheres to difficult low-surface energy items such as PVC piping, moulded equipment cases, ABS and recycled plastics.

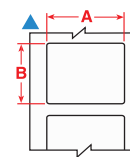
| Diagram          | Order Reference | Colour         | Label Width<br>A (mm) | Label Height<br>B (mm) | Labels per Roll |
|------------------|-----------------|----------------|-----------------------|------------------------|-----------------|
| B-483: Polyester |                 |                |                       |                        |                 |
|                  | M-61-483        | Black on White | 12.70                 | 50.80                  | 80              |
|                  | M-60-483        | Black on White | 25.40                 | 50.80                  | 140             |
|                  | M-47-483        | Black on White | 25.40                 | 12.70                  | 480             |



## TAMPER-RESISTANT LABELS

Destructible vinyl material prohibits one piece removal of label to indicate if the label has been tampered with.

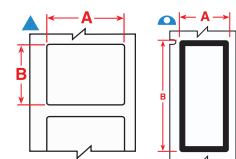
| Diagram                       | Order Reference | Colour         | Label Width<br>A (mm) | Label Height<br>B (mm) | Labels per Roll |
|-------------------------------|-----------------|----------------|-----------------------|------------------------|-----------------|
| B-351: Tamper-resistant Vinyl |                 |                |                       |                        |                 |
|                               | M-17-351        | Black on White | 25.40                 | 12.70                  | 360             |
|                               | M-20-351        | Black on White | 25.40                 | 50.80                  | 160             |



## RATING PLATE LABELS

Create serial or rating plates with barcodes, graphics and more.

| Diagram                     | Order Reference | Colour          | Label Width<br>A (mm) | Label Height<br>B (mm) | Labels per Roll |
|-----------------------------|-----------------|-----------------|-----------------------|------------------------|-----------------|
| B-428: Metallised Polyester |                 |                 |                       |                        |                 |
|                             | M-92-428-BB     | Black on Silver | 12.70                 | 33.02                  | 239             |
|                             | M-47-428        | Black on Silver | 25.40                 | 12.70                  | 480             |
|                             | M-60-428        | Black on Silver | 25.40                 | 50.80                  | 140             |
|                             | M-29-428        | Black on Silver | 38.10                 | 12.70                  | 360             |
|                             | M-30-428        | Black on Silver | 38.10                 | 19.05                  | 260             |
| B-432: Polyester            |                 |                 |                       |                        |                 |
|                             | M-17-432-CL-BK  | Black on Clear  | 25.40                 | 12.70                  | 280             |
|                             | M-78-432-CL-BK  | Black on Clear  | 25.40                 | 48.26                  | 100             |

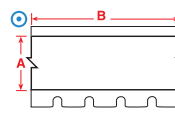
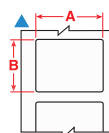


Full Material Properties on page 228

# BMP51 and BMP53 Cartridges - General ID

## GENERAL INDUSTRIAL LABELS

Choose from several materials with aggressive adhesives for use in commercial/industrial applications, including low surface energy and textured surfaces.

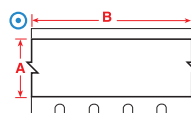


| Diagram                 | Order Reference | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll |
|-------------------------|-----------------|----------------|--------------------|---------------------|--------------------|-----------------|
| <b>B-422: Polyester</b> |                 |                |                    |                     |                    |                 |
| ▲                       | M-89-422        | Black on White | 12.70              | 38.10               |                    | 180             |
| ▲                       | M-7-422         | Black on White | 12.70              | 12.70               |                    | 280             |
| ▲                       | M-90-422        | Black on White | 19.05              | 38.10               |                    | 180             |
| ▲                       | M-49-422        | Black on White | 25.40              | 25.40               |                    | 260             |
| ▲                       | M-17-422        | Black on White | 25.40              | 12.70               |                    | 360             |
| ▲                       | M-30-422        | Black on White | 38.10              | 19.05               |                    | 200             |
| <b>B-483: Polyester</b> |                 |                |                    |                     |                    |                 |
| ▲                       | M-61-483        | Black on White | 12.70              | 50.80               |                    | 80              |
| ▲                       | M-60-483        | Black on White | 25.40              | 50.80               |                    | 140             |
| ▲                       | M-47-483        | Black on White | 25.40              | 12.70               |                    | 480             |

| Diagram                   | Order Reference    | Colour         | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll |
|---------------------------|--------------------|----------------|--------------------|---------------------|--------------------|-----------------|
| <b>B-499: Nylon Cloth</b> |                    |                |                    |                     |                    |                 |
| ▲                         | M-11-499           | Black on White | 19.05              | 12.70               |                    | 220             |
| ▲                         | M-84-499           | Black on White | 22.86              | 12.70               |                    | 200             |
| ▲                         | M-132-499          | Black on White | 38.10              | 31.75               |                    | 160             |
| ○                         | MC-375-499         | Black on White | 9.53               | —                   | 4.88 m             | 1               |
| ○                         | MC-500-499         | Black on White | 12.70              | —                   | 4.88 m             | 1               |
| ○                         | MC-750-499         | Black on White | 19.05              | —                   | 4.88 m             | 1               |
| ○                         | MC-1000-499        | Black on White | 25.40              | —                   | 4.88 m             | 1               |
| <b>B-595: Vinyl</b>       |                    |                |                    |                     |                    |                 |
| ○                         | MC-500-595-RD-WT   | White on Red   | 12.70              | —                   | 7.62 m             | 1               |
| ○                         | MC-750-595-RD-WT   | White on Red   | 19.05              | —                   | 7.62 m             | 1               |
| ○                         | MC1-1000-595-RD-WT | White on Red   | 25.40              | —                   | 7.62 m             | 1               |
| ○                         | MC-1500-595-RD-WT  | White on Red   | 38.10              | —                   | 7.62 m             | 1               |

## INDOOR/OUTDOOR GRADE FACILITY LABELS

Pliable vinyl that conforms well to smooth or rough surfaces such as walls, doors, panels, shelving and equipment. Excellent resistance to oils, detergents, dirt, grime and many solvents. Lasts up to 8-10 years outdoors.\*



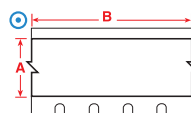
| Diagram             | Order Reference    | Colour          | Label Width A (mm) | Label Length B (m) | Labels per Roll |
|---------------------|--------------------|-----------------|--------------------|--------------------|-----------------|
| <b>B-595: Vinyl</b> |                    |                 |                    |                    |                 |
| ○                   | MC-500-595-CL-BK   | Black on Clear  | 12.70              | 6.10 m             | 1               |
| ○                   | MC-750-595-CL-BK   | Black on Clear  | 19.05              | 6.10 m             | 1               |
| ○                   | MC1-1000-595-CL-BK | Black on Clear  | 25.40              | 6.10 m             | 1               |
| ○                   | MC-1500-595-CL-BK  | Black on Clear  | 38.10              | 6.10 m             | 1               |
| ○                   | MC-500-595-OR-BK   | Black on Orange | 12.70              | 7.62 m             | 1               |
| ○                   | MC-750-595-OR-BK   | Black on Orange | 19.05              | 7.62 m             | 1               |
| ○                   | MC1-1000-595-OR-BK | Black on Orange | 25.40              | 7.62 m             | 1               |
| ○                   | MC-1500-595-OR-BK  | Black on Orange | 38.10              | 7.62 m             | 1               |
| ○                   | MC-375-595-WT-BK   | Black on White  | 9.53               | 7.62 m             | 1               |
| ○                   | MC-500-595-WT-BK   | Black on White  | 12.70              | 7.62 m             | 1               |
| ○                   | MC-750-595-WT-BK   | Black on White  | 19.05              | 7.62 m             | 1               |
| ○                   | MC1-1000-595-WT-BK | Black on White  | 25.40              | 7.62 m             | 1               |
| ○                   | MC-1500-595-WT-BK  | Black on White  | 38.10              | 7.62 m             | 1               |
| ○                   | MC-375-595-YL-BK   | Black on Yellow | 9.53               | 7.62 m             | 1               |
| ○                   | MC-500-595-YL-BK   | Black on Yellow | 12.70              | 7.62 m             | 1               |
| ○                   | MC-750-595-YL-BK   | Black on Yellow | 19.05              | 7.62 m             | 1               |
| ○                   | MC1-1000-595-YL-BK | Black on Yellow | 25.40              | 7.62 m             | 1               |
| ○                   | MC-1500-595-YL-BK  | Black on Yellow | 38.10              | 7.62 m             | 1               |
| ○                   | MC-500-595-WT-RD   | Red on White    | 12.70              | 7.62 m             | 1               |
| ○                   | MC-750-595-WT-RD   | Red on White    | 19.05              | 7.62 m             | 1               |
| ○                   | MC1-1000-595-WT-RD | Red on White    | 25.40              | 7.62 m             | 1               |
| ○                   | MC-1500-595-WT-RD  | Red on White    | 38.10              | 7.62 m             | 1               |

| Diagram | Order Reference    | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Roll |
|---------|--------------------|----------------|--------------------|--------------------|-----------------|
| ○       | MC-500-595-BK-WT   | White on Black | 12.70              | 7.62 m             | 1               |
| ○       | MC-750-595-BK-WT   | White on Black | 19.05              | 7.62 m             | 1               |
| ○       | MC1-1000-595-BK-WT | White on Black | 25.40              | 7.62 m             | 1               |
| ○       | MC-1500-595-BK-WT  | White on Black | 38.10              | 7.62 m             | 1               |
| ○       | MC-500-595-BL-WT   | White on Blue  | 12.70              | 7.62 m             | 1               |
| ○       | MC-750-595-BL-WT   | White on Blue  | 19.05              | 7.62 m             | 1               |
| ○       | MC1-1000-595-BL-WT | White on Blue  | 25.40              | 7.62 m             | 1               |
| ○       | MC-1500-595-BL-WT  | White on Blue  | 38.10              | 7.62 m             | 1               |
| ○       | MC-500-595-CL-WT   | White on Clear | 12.70              | 6.10 m             | 1               |
| ○       | MC-750-595-CL-WT   | White on Clear | 19.05              | 6.10 m             | 1               |
| ○       | MC1-1000-595-CL-WT | White on Clear | 25.40              | 6.10 m             | 1               |
| ○       | MC-1500-595-CL-WT  | White on Clear | 38.10              | 6.10 m             | 1               |
| ○       | MC-500-595-GN-WT   | White on Green | 12.70              | 7.62 m             | 1               |
| ○       | MC-750-595-GN-WT   | White on Green | 19.05              | 7.62 m             | 1               |
| ○       | MC1-1000-595-GN-WT | White on Green | 25.40              | 7.62 m             | 1               |
| ○       | MC-1500-595-GN-WT  | White on Green | 38.10              | 7.62 m             | 1               |
| ○       | MC-500-595-RD-WT   | White on Red   | 12.70              | 7.62 m             | 1               |
| ○       | MC-750-595-RD-WT   | White on Red   | 19.05              | 7.62 m             | 1               |
| ○       | MC1-1000-595-RD-WT | White on Red   | 25.40              | 7.62 m             | 1               |
| ○       | MC-1500-595-RD-WT  | White on Red   | 38.10              | 7.62 m             | 1               |

\* Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary. A polyester overlaminate is recommended for harsh environments - long term exposure to wind and rain.

## HIGHLY REFLECTIVE IDENTIFICATION

Ideal for reading labels in low light conditions.



| Diagram                       | Order Reference | Colour         | Label Width A (mm) | Label Length B (m) | Labels per Roll |
|-------------------------------|-----------------|----------------|--------------------|--------------------|-----------------|
| <b>B-584: Reflective Tape</b> |                 |                |                    |                    |                 |
| ○                             | MC-500-584      | Black on White | 12.70              | 6.10 m             | 1               |
| ○                             | MC-750-584      | Black on White | 19.05              | 6.10 m             | 1               |
| ○                             | MC-1000-584     | Black on White | 25.40              | 6.10 m             | 1               |
| ○                             | MC-1500-584     | Black on White | 38.10              | 6.10 m             | 1               |

| Diagram | Order Reference | Colour          | Label Width A (mm) | Label Length B (m) | Labels per Roll |
|---------|-----------------|-----------------|--------------------|--------------------|-----------------|
| ○       | MC-500-584-YL   | Black on Yellow | 12.70              | 6.10 m             | 1               |
| ○       | MC-750-584-YL   | Black on Yellow | 19.05              | 6.10 m             | 1               |
| ○       | MC-1000-584-YL  | Black on Yellow | 25.40              | 6.10 m             | 1               |
| ○       | MC-1500-584-YL  | Black on Yellow | 38.10              | 6.10 m             | 1               |



## BMP™61 LABEL PRINTER

### Rugged & Reliable

- Drop-tested and equipped with moulded rubber bumpers
- Large material loading bay for fast label material swaps
- Smart-cell cartridge technology enables auto-calibration
- Large colour touchscreen with on-screen indicators: easily check which label cartridge is installed and how many labels you have left. Quickly review your label on the display before printing to avoid mistakes
- 33.8 mm/second print speed: Don't wait on the label you need
- Rechargeable NiMH-Battery for increased autonomy
- 2 year warranty

### High-Performance Materials & excellent print quality

- 600 label materials + custom labels: don't use a half-baked solution. Choose from 600 label material (sleeves, self-lams and more) and ink ribbon combinations, or ask Brady to develop custom labels to answer your needs!
- Handles die-cut, continuous and custom labels up to 50.80 mm - also in bulk format
- Intuitive typing thanks to the AZERTY/QWERTY/QWERTZ/CYRILLIC keyboards
- 300 dpi print quality

## BMP™61 LABEL PRINTER

| Order Reference      | Art. No. | Description                                                    |
|----------------------|----------|----------------------------------------------------------------|
| BMP61-AZERTY-EU-W    | 146231   | BMP61 Label Printer - AZERTY with wifi                         |
| BMP61-QWERTY-EU-W    | 146227   | BMP61 Label Printer - QWERTY EU with wifi                      |
| BMP61-QWERTY-UK-W    | 196454   | BMP61 Label Printer - QWERTY UK with wifi                      |
| BMP61-W              | 146226   | BMP61 Label Printer - QWERTY US with wifi                      |
| BMP61-QWERTZ-EU-W    | 146224   | BMP61 Label Printer - QWERTZ with wifi                         |
| BMP61-CYRILLIC-W     | 196467   | BMP61 Label Printer - CYRILLIC with wifi                       |
| BMP61-AZERTY-EU-W+LM | 196477   | BMP61 Label Printer - AZERTY with wifi & LabelMark Software    |
| BMP61-QWERTY-EU-W+LM | 196475   | BMP61 Label Printer - QWERTY EU with wifi & LabelMark Software |
| BMP61-QWERTY-UK-W+LM | 196479   | BMP61 Label Printer - QWERTY UK with wifi & LabelMark Software |
| BMP61-QWERTY-US-W+LM | 196473   | BMP61 Label Printer - QWERTY US with wifi & LabelMark Software |
| BMP61-QWERTZ-EU-W+LM | 196481   | BMP61 Label Printer - QWERTZ with wifi & LabelMark Software    |
| BMP61-CYRILLIC-W+LM  | 196483   | BMP61 Label Printer - CYRILLIC with wifi & LabelMark Software  |
| BMP61-AZERTY-EU      | 148638   | BMP61 Label Printer - AZERTY                                   |
| BMP61-QWERTY-EU      | 146230   | BMP61 Label Printer - QWERTY EU                                |
| BMP61-QWERTY-UK      | 196453   | BMP61 Label Printer - QWERTY UK                                |
| BMP61                | 146229   | BMP61 Label Printer - QWERTY US                                |
| BMP61-QWERTZ-EU      | 148637   | BMP61 Label Printer - QWERTZ                                   |
| BMP61-CYRILLIC       | 146223   | BMP61 Label Printer - CYRILLIC                                 |
| BMP61-AZERTY-EU+LM   | 196476   | BMP61 Label Printer - AZERTY with LabelMark Software           |
| BMP61-QWERTY-EU+LM   | 196474   | BMP61 Label Printer - QWERTY EU with LabelMark Software        |
| BMP61-QWERTY-UK+LM   | 196478   | BMP61 Label Printer - QWERTY UK with LabelMark Software        |
| BMP61-QWERTY-US+LM   | 196472   | BMP61 Label Printer - QWERTY US with LabelMark Software        |
| BMP61-QWERTZ-EU+LM   | 196480   | BMP61 Label Printer - QWERTZ with LabelMark Software           |
| BMP61-CYRILLIC+LM    | 196482   | BMP61 Label Printer - CYRILLIC with LabelMark Software         |

### Data management versatility

- USB list feature: read spreadsheets directly from external USB-memory and integrate the data in your labels ready for printing
- Wifi-version available – compatible with mobile apps: create or load label templates with your smartphone and send them to your printer
- USB 2.0 ports (Type A & B) to copy large lists of label designs
- Works with LabelMark™ Labelling Software, Brady Mobile apps and Brady Workstation

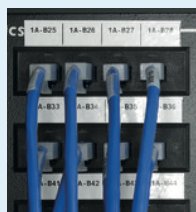
## BMP™61 ACCESSORIES

| Art. No. | Description               |
|----------|---------------------------|
| 710612   | AC Adaptor - Europe 220V  |
| 710613   | AC Adaptor - UK 240V      |
| 114883   | AC Adaptor - USA 120V     |
| 146220   | Hard Case for BMP61       |
| 146221   | Magnet for BMP61          |
| 018556   | Printer cleaning kit      |
| 133255   | Rechargeable NiMH Battery |
| 146233   | Strap for BMP61           |
| 103788   | USB Cable                 |

## The one way to faster, easier label printing.



Electrical Labelling



Voice & Data Communications



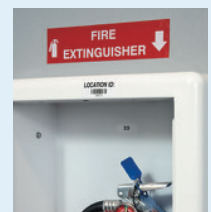
General Identification



PermaSleeve™ Wire Marking Sleeves



Self-laminating Labels



Safety Labels  
...and many more!



## Printer Specifications

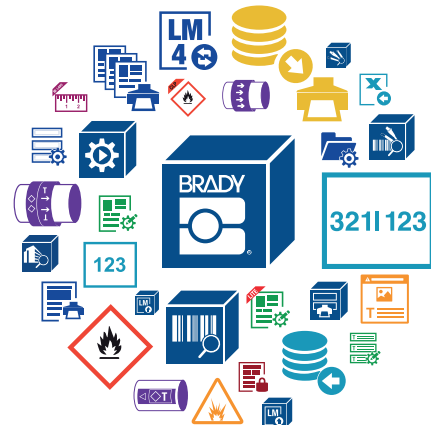
|                                         |                                                                                                                                                                                                                    |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language Support                        | Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish |
| Software Compatibility                  | Brady Workstation, Brady Mobile Apps, LabelMark                                                                                                                                                                    |
| Bar Code Type                           | Code 39 and 128, other - such as QR - via software                                                                                                                                                                 |
| Recommended Usage per Day               | 750 labels per day                                                                                                                                                                                                 |
| Built-in Symbols                        | 450 symbols included                                                                                                                                                                                               |
| Colour Capability                       | Monocolour                                                                                                                                                                                                         |
| Stand-alone Printing (Detached from PC) | Stand-alone & Peripheral                                                                                                                                                                                           |
| Connectivity Options                    | USB 2.0, USB Flash Drive, Optional WiFi (factory installed)                                                                                                                                                        |
| Internal Memory Capacity                | 512MB of FLASH storage and 512MB of RAM                                                                                                                                                                            |
| Print Speed (mm/sec)                    | 33.8                                                                                                                                                                                                               |
| Print Technology                        | Thermal Transfer                                                                                                                                                                                                   |
| Print Resolution (dpi)                  | 300                                                                                                                                                                                                                |
| Smart Cell                              | Yes                                                                                                                                                                                                                |
| Text Sizes (pt)                         | 4 - 174 pt                                                                                                                                                                                                         |
| Serialisation                           | Multiple & Linked                                                                                                                                                                                                  |
| Max. Label Width (mm)                   | 50.80                                                                                                                                                                                                              |
| Max. Print Width (mm)                   | 48.76 mm                                                                                                                                                                                                           |
| Materials Supported                     | 600+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes.                                                                                                                 |
| Keyboard Type                           | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                                                                                                                   |
| Display                                 | Colour Touch Screen                                                                                                                                                                                                |
| Cutter                                  | Manual cut, Between labels or at end of print job                                                                                                                                                                  |
| Power Supply                            | AC Adaptor, Rechargeable Battery                                                                                                                                                                                   |
| Height x Length x Width (mm)            | 106 mm x 328 mm x 107 mm                                                                                                                                                                                           |
| Weight (kg)                             | 1.5                                                                                                                                                                                                                |



## BRADY WORKSTATION

Brady Workstation offers professional, intuitive apps to design quality product and cable labels and safety signs. With Brady Workstation label design becomes easier, faster and quickly adaptable to new label norms thanks to centralised updates.

For more information about Brady Workstation, please see page 16.



## PRINTER KITS

| Order Reference      | Art. No. | Description                                                        |
|----------------------|----------|--------------------------------------------------------------------|
| BMP61-AZERTY-EU-EL*  | 196455   | BMP61 Label Printer - Electrical kit - AZERTY with wifi            |
| BMP61-CYRILLIC-EL*   | 196465   | BMP61 Label Printer - Electrical kit - CYRILLIC with wifi          |
| BMP61-QWERTY-EU-EL*  | 196457   | BMP61 Label Printer - Electrical kit - QWERTY EU with wifi         |
| BMP61-QWERTY-UK-EL*  | 196459   | BMP61 Label Printer - Electrical kit - QWERTY UK with wifi         |
| BMP61-QWERTY-US-EL*  | 196463   | BMP61 Label Printer - Electrical kit - QWERTY US with wifi         |
| BMP61-QWERTZ-EU-EL*  | 196461   | BMP61 Label Printer - Electrical kit - QWERTZ with wifi            |
| BMP61-AZERTY-EU-DA** | 196456   | BMP61 Label Printer - Voice- and Datacom kit - AZERTY with wifi    |
| BMP61-CYRILLIC-DA**  | 196466   | BMP61 Label Printer - Voice- and Datacom kit - CYRILLIC with wifi  |
| BMP61-QWERTY-EU-DA** | 196458   | BMP61 Label Printer - Voice- and Datacom kit - QWERTY EU with wifi |
| BMP61-QWERTY-UK-DA** | 196460   | BMP61 Label Printer - Voice- and Datacom kit - QWERTY UK with wifi |
| BMP61-QWERTY-US-DA** | 196464   | BMP61 Label Printer - Voice- and Datacom kit - QWERTY US with wifi |
| BMP61-QWERTZ-EU-DA** | 196462   | BMP61 Label Printer - Voice- and Datacom kit - QWERTZ with wifi    |

\*This printer ships in a hard case holding a USB cable, a quick start guide, a battery pack, an AC Adapter, a driver CD, a product CD, a hand strap, a Magnet accessory, a LabelMark Standard Software CD, a roll of PTL-19-423, PTL-21-427, PTL-31-499, PSPT-187-1-YL, an M61-R4310 and an M61-R6010 ribbon.

\*\*This printer ships in a hard case holding a USB cable, a quick start guide, a battery pack, an AC Adapter, a CD with driver, a product CD, a hand strap, a LabelMark Standard Software CD, a roll of PTL-19-423, PTL-31-427, PTL-8-422, PTL-12-109, an M61-R4310 and an M61-R6010 ribbon.

For more information about LabelMark, please see page 22.

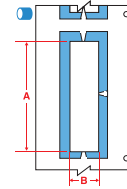
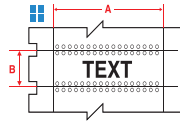
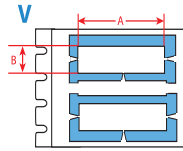
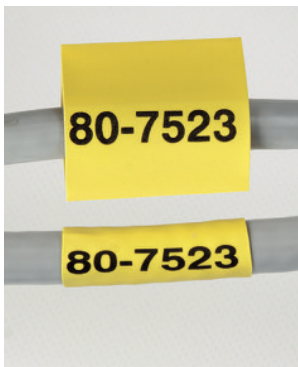




## WIRE & CABLE MARKING

### PERMASLEEVE™ HEAT-SHRINK SLEEVE MARKERS

- These heat-shrink sleeves are the ultimate in marker identification, protection, durability and aesthetic appearance.
- Fast shrink rate saves time and costs during installation.



| Diagram                                     | Order Reference    | Shrink Ratio | Colour | Sleeve Width A (mm) | Sleeve Height B (mm) | Vertical Repeat (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeves per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------------------------------------------|--------------------|--------------|--------|---------------------|----------------------|----------------------|-------------------------|-------------------------|------------------|-----------------------|-----------------------------------|
| <b>B-321: Heat-shrink Polyolefin Sleeve</b> |                    |              |        |                     |                      |                      |                         |                         |                  |                       |                                   |
|                                             | PTS-0.45-350-321   | 2:1          | White  | 11.43               | 8.89                 | 8.89                 | 1.91                    | 4.06                    | 500              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-0.95-350-321   | 2:1          | White  | 24.13               | 8.89                 | 8.89                 | 1.91                    | 4.06                    | 500              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-1.90-350-321   | 2:1          | White  | 48.26               | 8.89                 | 8.89                 | 1.91                    | 4.06                    | 500              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-0.45-500-321   | 2:1          | White  | 11.43               | 12.70                | 12.70                | 4.06                    | 5.97                    | 500              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-0.95-500-321   | 2:1          | White  | 24.13               | 12.70                | 12.70                | 4.06                    | 5.97                    | 500              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-1.90-500-321   | 2:1          | White  | 48.26               | 12.70                | 12.70                | 4.06                    | 5.97                    | 500              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-0.95-750-321   | 2:1          | White  | 24.13               | 19.05                | 19.05                | 8.51                    | 9.91                    | 250              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-1.90-750-321   | 2:1          | White  | 48.26               | 19.05                | 19.05                | 8.51                    | 9.91                    | 250              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-0.95-1000-321  | 2:1          | White  | 24.13               | 25.40                | 25.40                | 9.53                    | 13.72                   | 250              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PTS-1.90-1000-321  | 2:1          | White  | 48.26               | 25.40                | 25.40                | 9.53                    | 13.72                   | 250              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-342: Heat-shrink Polyolefin Sleeve</b> |                    |              |        |                     |                      |                      |                         |                         |                  |                       |                                   |
|                                             | BM71-94-1-342-2    | 3:1          | White  | 12.70               | 4.60                 | -                    | 0.58                    | 2.03                    | 5000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-94-175-342-2  | 3:1          | White  | 22.22               | 4.60                 | -                    | 0.58                    | 2.03                    | 5000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-94-1-342      | 3:1          | White  | 25.78               | 4.60                 | -                    | 0.58                    | 2.03                    | 2500             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-94-1-342YL    | 3:1          | Yellow | 25.78               | 4.60                 | -                    | 0.58                    | 2.03                    | 2500             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-94-175-342    | 3:1          | White  | 44.83               | 4.60                 | -                    | 0.58                    | 2.03                    | 2500             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-94-175-342YL  | 3:1          | Yellow | 44.83               | 4.60                 | -                    | 0.58                    | 2.03                    | 2500             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-1-BL      | 3:1          | Blue   | 25.78               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-1-GR      | 3:1          | Green  | 25.78               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-1-OR      | 3:1          | Orange | 25.78               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-1-RD      | 3:1          | Red    | 25.78               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-1-WT      | 3:1          | White  | 25.78               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-1-YL      | 3:1          | Yellow | 25.78               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-175-BL    | 3:1          | Blue   | 44.83               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-175-OR    | 3:1          | Orange | 44.83               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-175-WT    | 3:1          | White  | 44.83               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-175-YL    | 3:1          | Yellow | 44.83               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-2-BK-R    | 3:1          | Black  | 50.80               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 70               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-2-WT-R    | 3:1          | White  | 50.80               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-094-2-YL-R    | 3:1          | Yellow | 50.80               | 4.62                 | 12.70                | 0.58                    | 2.03                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-1-BK      | 3:1          | Black  | 25.78               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-1-BL      | 3:1          | Blue   | 25.78               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-1-RD      | 3:1          | Red    | 25.78               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-1-WT      | 3:1          | White  | 25.78               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-1-YL      | 3:1          | Yellow | 25.78               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-175-GR    | 3:1          | Green  | 44.83               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-175-OR    | 3:1          | Orange | 44.83               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-175-WT    | 3:1          | White  | 44.83               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-175-YL    | 3:1          | Yellow | 44.83               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-2-BK-R    | 3:1          | Black  | 50.80               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 70               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-2-WT-R    | 3:1          | White  | 50.80               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | PSPT-125-2-YL-R    | 3:1          | Yellow | 50.80               | 5.96                 | 19.05                | 1.17                    | 2.79                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-125-1-342-2   | 3:1          | White  | 12.70               | 6.00                 | -                    | 1.17                    | 2.79                    | 2000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-125-175-342-3 | 3:1          | White  | 14.94               | 6.00                 | -                    | 1.17                    | 2.79                    | 3000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-125-175-342-2 | 3:1          | White  | 22.22               | 6.00                 | -                    | 1.17                    | 2.79                    | 2000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-125-1-342     | 3:1          | White  | 25.78               | 6.00                 | -                    | 1.17                    | 2.79                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-125-1-342-YL  | 3:1          | Yellow | 25.78               | 6.00                 | -                    | 1.17                    | 2.79                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-125-175-342   | 3:1          | White  | 44.83               | 6.00                 | -                    | 1.17                    | 2.79                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-125-175-342YL | 3:1          | Yellow | 44.83               | 6.00                 | -                    | 1.17                    | 2.79                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-187-175-342-4 | 3:1          | White  | 11.21               | 8.50                 | -                    | 1.57                    | 3.81                    | 4000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-187-1-342-2   | 3:1          | White  | 12.70               | 8.50                 | -                    | 1.57                    | 3.81                    | 2000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                             | BM71-187-175-342-3 | 3:1          | White  | 14.94               | 8.50                 | -                    | 1.57                    | 3.81                    | 3000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

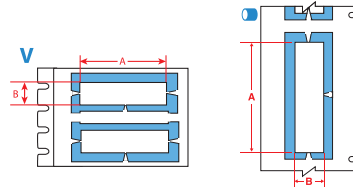
Order references beginning with "B" indicate bulk rolls. Order reference ending with "R" indicate that the sleeve is rotated on the liner.

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Full Material Properties on page 228

## WIRE & CABLE MARKING

### PERMASLEEVE™ HEAT-SHRINK SLEEVE MARKERS (CONTINUED)



| Diagram | Order Reference      | Shrink Ratio | Colour | Sleeve Width A (mm) | Sleeve Height B (mm) | Vertical Repeat (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeves per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------|----------------------|--------------|--------|---------------------|----------------------|----------------------|-------------------------|-------------------------|------------------|-----------------------|-----------------------------------|
| V       | BM71-187-175-342-2   | 3:1          | White  | 22.22               | 8.50                 | -                    | 1.57                    | 3.81                    | 2000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-1-BK        | 3:1          | Black  | 25.78               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-1-BL        | 3:1          | Blue   | 25.78               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-1-GR        | 3:1          | Green  | 25.78               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-1-RD        | 3:1          | Red    | 25.78               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-1-VT        | 3:1          | Violet | 25.78               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-1-WT        | 3:1          | White  | 25.78               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-187-1-342       | 3:1          | White  | 25.78               | 8.50                 | -                    | 1.57                    | 3.81                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-1-YL        | 3:1          | Yellow | 25.78               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-187-1-342-YL    | 3:1          | Yellow | 25.78               | 8.50                 | -                    | 1.57                    | 3.81                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-175-BK      | 3:1          | Black  | 44.83               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-175-GR      | 3:1          | Green  | 44.83               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-175-OR      | 3:1          | Orange | 44.83               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-187-175-342-ORG | 3:1          | Orange | 44.83               | 8.50                 | -                    | 1.57                    | 3.81                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-175-RD      | 3:1          | Red    | 44.83               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-187-175-342-RD  | 3:1          | Red    | 44.83               | 8.50                 | -                    | 1.57                    | 3.81                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-175-WT      | 3:1          | White  | 44.83               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-187-175-342     | 3:1          | White  | 44.83               | 8.50                 | -                    | 1.57                    | 3.81                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-187-175-YL      | 3:1          | Yellow | 44.83               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-187-175-342YL   | 3:1          | Yellow | 44.83               | 8.50                 | -                    | 1.57                    | 3.81                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⓪       | PSPT-187-2-BK-R      | 3:1          | Black  | 50.80               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 70               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⓪       | PSPT-187-2-WT-R      | 3:1          | White  | 50.80               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⓪       | PSPT-187-2-YL-R      | 3:1          | Yellow | 50.80               | 8.50                 | 19.05                | 1.57                    | 3.81                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-1-BK        | 3:1          | Black  | 25.78               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-1-OR        | 3:1          | Orange | 25.78               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-1-PK        | 3:1          | Pink   | 25.78               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-1-RD        | 3:1          | Red    | 25.78               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-1-WT        | 3:1          | White  | 25.78               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-250-1-342       | 3:1          | White  | 25.78               | 11.15                | -                    | 2.39                    | 5.46                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-1-YL        | 3:1          | Yellow | 25.78               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-250-1-342-YL    | 3:1          | Yellow | 25.78               | 11.15                | -                    | 2.39                    | 5.46                    | 1000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-175-GR      | 3:1          | Green  | 44.83               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-175-OR      | 3:1          | Orange | 44.83               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-175-RD      | 3:1          | Red    | 44.83               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-250-175-342-RD  | 3:1          | Red    | 44.83               | 11.15                | -                    | 2.39                    | 5.46                    | 1000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-175-WT      | 3:1          | White  | 44.83               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-250-175-342     | 3:1          | White  | 44.83               | 11.15                | -                    | 2.39                    | 5.46                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-250-175-YL      | 3:1          | Yellow | 44.83               | 11.15                | 22.22                | 2.39                    | 5.46                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-250-175-342YL   | 3:1          | Yellow | 44.83               | 11.15                | -                    | 2.39                    | 5.46                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⓪       | PSPT-250-2-BK-R      | 3:1          | Black  | 50.80               | 11.15                | 22.22                | 2.39                    | 5.46                    | 70               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⓪       | PSPT-250-2-WT-R      | 3:1          | White  | 50.80               | 11.15                | 22.22                | 2.39                    | 5.46                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⓪       | PSPT-250-2-YL-R      | 3:1          | Yellow | 50.80               | 11.15                | 22.22                | 2.39                    | 5.46                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-1-BL        | 3:1          | Blue   | 25.78               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-1-GY        | 3:1          | Grey   | 25.78               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-1-OR        | 3:1          | Orange | 25.78               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-1-RD        | 3:1          | Red    | 25.78               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-1-WT        | 3:1          | White  | 25.78               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-1-YL        | 3:1          | Yellow | 25.78               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-175-BL      | 3:1          | Blue   | 44.83               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-175-GR      | 3:1          | Green  | 44.83               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-175-OR      | 3:1          | Orange | 44.83               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-175-PK      | 3:1          | Pink   | 44.83               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-175-RD      | 3:1          | Red    | 44.83               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-375-175-WT      | 3:1          | White  | 44.83               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

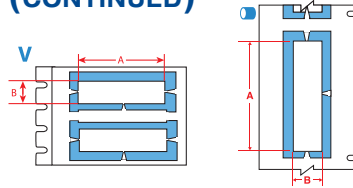
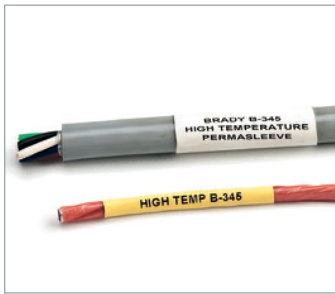
Order references beginning with "B" indicate bulk rolls. Order reference ending with "R" indicate that the sleeve is rotated on the liner.

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# BMP61 Materials - Electrical, Voice/Datacom ID

## WIRE & CABLE MARKING

### PERMASLEEVE™ HEAT-SHRINK SLEEVE MARKERS (CONTINUED)



| Diagram | Order Reference       | Shrink Ratio | Colour | Sleeve Width A (mm) | Sleeve Height B (mm) | Vertical Repeat (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeves per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------|-----------------------|--------------|--------|---------------------|----------------------|----------------------|-------------------------|-------------------------|------------------|-----------------------|-----------------------------------|
| V       | PSPT-375-175-YL       | 3:1          | Yellow | 44.83               | 16.38                | 25.40                | 3.18                    | 8.13                    | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-375-2-BK-R       | 3:1          | Black  | 50.80               | 16.38                | 25.40                | 3.18                    | 8.13                    | 70               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-375-2-WT-R       | 3:1          | White  | 50.80               | 16.38                | 25.40                | 3.18                    | 8.13                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-375-2-YL-R       | 3:1          | Yellow | 50.80               | 16.38                | 25.40                | 3.18                    | 8.13                    | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-375-1-342-2      | 3:1          | White  | 12.70               | 16.40                | -                    | 3.18                    | 8.13                    | 2000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-375-175-342-2    | 3:1          | White  | 22.22               | 16.40                | -                    | 3.18                    | 8.13                    | 2000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-375-1-342        | 3:1          | White  | 25.78               | 16.40                | -                    | 3.18                    | 8.13                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-375-1-342-YL     | 3:1          | Yellow | 25.78               | 16.40                | -                    | 3.18                    | 8.13                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-375-175-342      | 3:1          | White  | 44.83               | 16.40                | -                    | 3.18                    | 8.13                    | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-375-175-342-YL   | 3:1          | Yellow | 44.83               | 16.40                | -                    | 3.18                    | 8.13                    | 1000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-500-175-342-YL-3 | 3:1          | Yellow | 14.94               | 21.60                | -                    | 4.75                    | 11.43                   | 3000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-500-1-342        | 3:1          | White  | 25.78               | 21.60                | -                    | 4.75                    | 11.43                   | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-500-1-342YL      | 3:1          | Yellow | 25.78               | 21.60                | -                    | 4.75                    | 11.43                   | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-500-175-342-RD   | 3:1          | Red    | 44.83               | 21.60                | -                    | 4.75                    | 11.43                   | 1000             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-500-175-342      | 3:1          | White  | 44.83               | 21.60                | -                    | 4.75                    | 11.43                   | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-500-175-342YL    | 3:1          | Yellow | 44.83               | 21.60                | -                    | 4.75                    | 11.43                   | 1000             | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-1-OR         | 3:1          | Orange | 25.78               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-1-WT         | 3:1          | White  | 25.78               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-1-YL         | 3:1          | Yellow | 25.78               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-175-BK       | 3:1          | Black  | 44.83               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-175-BL       | 3:1          | Blue   | 44.83               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-175-BR       | 3:1          | Brown  | 44.83               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-175-GR       | 3:1          | Green  | 44.83               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-175-RD       | 3:1          | Red    | 44.83               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-175-WT       | 3:1          | White  | 44.83               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-500-175-YL       | 3:1          | Yellow | 44.83               | 21.61                | 31.75                | 4.75                    | 11.43                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-500-2-BK-R       | 3:1          | Black  | 50.80               | 21.61                | 31.75                | 4.75                    | 11.43                   | 70               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-500-2-WT-R       | 3:1          | White  | 50.80               | 21.61                | 31.75                | 4.75                    | 11.43                   | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-500-2-YL-R       | 3:1          | Yellow | 50.80               | 21.61                | 31.75                | 4.75                    | 11.43                   | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-750-1-WT         | 3:1          | White  | 25.78               | 31.80                | 41.27                | 6.35                    | 17.78                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-750-1-YL         | 3:1          | Yellow | 25.78               | 31.80                | 41.27                | 6.35                    | 17.78                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-750-175-WT       | 3:1          | White  | 44.83               | 31.80                | 41.27                | 6.35                    | 17.78                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-750-175-YL       | 3:1          | Yellow | 44.83               | 31.80                | 41.27                | 6.35                    | 17.78                   | 100              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-750-2-BK-R       | 3:1          | Black  | 50.80               | 31.80                | 41.27                | 6.35                    | 17.78                   | 70               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-750-2-WT-R       | 3:1          | White  | 50.80               | 31.80                | 41.27                | 6.35                    | 17.78                   | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-750-2-YL-R       | 3:1          | Yellow | 50.80               | 31.80                | 41.27                | 6.35                    | 17.78                   | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-1-WT        | 3:1          | White  | 25.78               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-1-YL        | 3:1          | White  | 25.78               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-BK      | 3:1          | Black  | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-BL      | 3:1          | Blue   | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-BR      | 3:1          | Brown  | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-GR      | 3:1          | Green  | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-GY      | 3:1          | Grey   | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-OR      | 3:1          | Orange | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-PK      | 3:1          | Pink   | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-RD      | 3:1          | Red    | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-VT      | 3:1          | Violet | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-WT      | 3:1          | White  | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | BM71-1000-175-342     | 3:1          | White  | 44.83               | 42.16                | -                    | 9.53                    | 24.13                   | 500              | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| V       | PSPT-1000-175-YL      | 3:1          | Yellow | 44.83               | 42.16                | 50.80                | 11.43                   | 24.13                   | 50               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-1000-2-BK-R      | 3:1          | Black  | 50.80               | 42.16                | 50.80                | 11.43                   | 24.13                   | 70               | M61-R6710-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-1000-2-WT-R      | 3:1          | White  | 50.80               | 42.16                | 50.80                | 11.43                   | 24.13                   | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○       | PSPT-1000-2-YL-R      | 3:1          | Yellow | 50.80               | 42.16                | 50.80                | 11.43                   | 24.13                   | 70               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

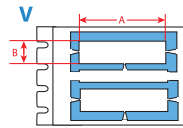
Order references beginning with "B" indicate bulk rolls. Order reference ending with "R" indicate that the sleeve is rotated on the liner.

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Full Material Properties on page 228

## WIRE & CABLE MARKING

### PERMASLEEVE™ HEAT-SHRINK SLEEVE MARKERS (CONTINUED)



| Diagram                                                            | Order Reference  | Shrink Ratio | Colour | Sleeve Width A (mm) | Sleeve Height B (mm) | Vertical Repeat (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeves per Roll | Printer Ribbon Series | Printer Compatibility             |
|--------------------------------------------------------------------|------------------|--------------|--------|---------------------|----------------------|----------------------|-------------------------|-------------------------|------------------|-----------------------|-----------------------------------|
| B-345: High Temperature Heat-shrink Polyvinylidene Fluoride Sleeve |                  |              |        |                     |                      |                      |                         |                         |                  |                       |                                   |
| V                                                                  | PSHT-094-1-YL    | 2:1          | Yellow | 25.78               | 4.62                 | -                    | 0.60                    | 2.03                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-094-175-WT  | 2:1          | White  | 44.83               | 4.62                 | -                    | 0.08                    | 2.03                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-094-175-YL  | 2:1          | Yellow | 44.83               | 4.62                 | -                    | 0.08                    | 2.03                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-125-1-BK    | 2:1          | Black  | 25.78               | 5.96                 | -                    | 1.17                    | 2.79                    | 100              | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-125-1-BL    | 2:1          | Blue   | 25.78               | 5.96                 | -                    | 1.17                    | 2.79                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-125-1-PK    | 2:1          | Pink   | 25.78               | 5.96                 | -                    | 1.17                    | 2.79                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-125-1-WT    | 2:1          | White  | 25.78               | 5.96                 | -                    | 1.17                    | 2.79                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-125-1-YL    | 2:1          | Yellow | 25.78               | 5.96                 | -                    | 1.17                    | 2.79                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-125-175-BL  | 2:1          | Blue   | 44.83               | 5.96                 | -                    | 1.17                    | 2.79                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-125-175-WT  | 2:1          | White  | 44.83               | 5.96                 | -                    | 1.17                    | 2.79                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-125-175-YL  | 2:1          | Yellow | 44.83               | 5.96                 | -                    | 1.17                    | 2.79                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-187-1-WT    | 2:1          | White  | 25.78               | 8.50                 | -                    | 1.57                    | 3.81                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-187-1-YL    | 2:1          | Yellow | 25.78               | 8.50                 | -                    | 1.57                    | 3.81                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-187-175-BL  | 2:1          | Blue   | 44.83               | 8.50                 | -                    | 1.57                    | 3.81                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-187-175-WT  | 2:1          | White  | 44.83               | 8.50                 | -                    | 1.57                    | 3.81                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-187-175-YL  | 2:1          | Yellow | 44.83               | 8.50                 | -                    | 1.57                    | 3.81                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-250-1-WT    | 2:1          | White  | 25.80               | 11.20                | -                    | 2.39                    | 5.46                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-250-1-YL    | 2:1          | Yellow | 25.80               | 11.20                | -                    | 2.39                    | 5.46                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-250-175-WT  | 2:1          | White  | 44.80               | 11.20                | -                    | 2.39                    | 5.46                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-250-175-YL  | 2:1          | Yellow | 44.80               | 11.20                | -                    | 2.39                    | 5.46                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-375-1-WT    | 2:1          | White  | 25.78               | 16.38                | -                    | 3.18                    | 8.10                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-375-1-YL    | 2:1          | Yellow | 25.78               | 16.38                | -                    | 3.18                    | 8.10                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-375-175-WT  | 2:1          | White  | 44.83               | 16.38                | -                    | 3.18                    | 8.10                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-375-175-YL  | 2:1          | Yellow | 44.83               | 16.38                | -                    | 3.18                    | 8.10                    | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-500-1-WT    | 2:1          | White  | 25.78               | 21.61                | -                    | 4.75                    | 11.43                   | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-500-1-YL    | 2:1          | Yellow | 25.78               | 21.61                | -                    | 4.75                    | 11.43                   | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-500-175-WT  | 2:1          | White  | 44.83               | 21.61                | -                    | 4.75                    | 11.43                   | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-500-175-YL  | 2:1          | Yellow | 44.83               | 21.61                | -                    | 4.75                    | 11.43                   | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-750-1-WT    | 2:1          | White  | 25.78               | 31.80                | -                    | 6.35                    | 17.78                   | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-750-1-YL    | 2:1          | Yellow | 25.78               | 31.80                | -                    | 6.35                    | 17.78                   | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-750-175-WT  | 2:1          | White  | 44.83               | 31.80                | -                    | 6.35                    | 17.78                   | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-750-175-YL  | 2:1          | Yellow | 44.83               | 31.80                | -                    | 6.35                    | 17.78                   | 100              | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-1000-1-WT   | 2:1          | White  | 25.78               | 42.16                | -                    | 11.43                   | 24.13                   | 50               | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-1000-1-YL   | 2:1          | Yellow | 25.78               | 42.16                | -                    | 11.43                   | 24.13                   | 50               | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-1000-175-WT | 2:1          | White  | 44.83               | 42.16                | -                    | 11.43                   | 24.13                   | 50               | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |
| V                                                                  | PSHT-1000-175-YL | 2:1          | Yellow | 44.83               | 42.16                | -                    | 11.43                   | 24.13                   | 50               | M61-R6610             | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls. Order reference ending with "R" indicate that the sleeve is rotated on the liner.

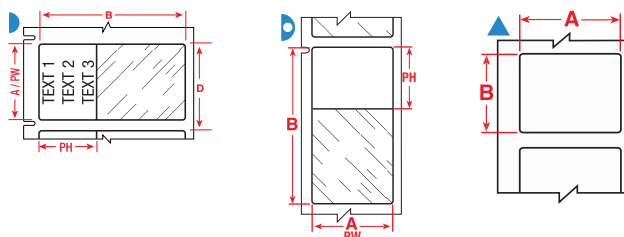


## WIRE & CABLE MARKING



### SELF-LAMINATING LABELS

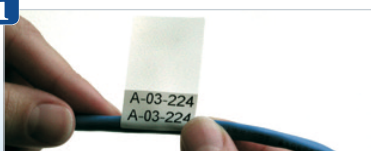
- Features a clear, non-printable area that wraps around the cable and serves as an overlaminate to the printed text.
- Offers superior resistance to abrasion, dirt, oils, solvents and water.



| Diagram                      | Order Reference | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Width (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|------------------------------|-----------------|--------------------|--------------------|---------------------|---------------------------|-------------------------------|------------------------|-------------------------|-------------------------|-----------------|-----------------------|-----------------------------------|
| B-427: Self-laminating Vinyl |                 |                    |                    |                     |                           |                               |                        |                         |                         |                 |                       |                                   |
| ▶                            | PTL-10-427      | White/Transparent  | 6.35               | 19.05               | 6.35                      | 9.53                          | 9.52                   | 2.00                    | 3.00                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-10-427-YL   | Yellow/Transparent | 6.35               | 19.05               | 6.35                      | 9.53                          | 9.52                   | 2.00                    | 3.00                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                            | PTL-28-427      | White/Transparent  | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-28-427-YL   | Yellow/Transparent | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-28-427-OR   | Orange/Transparent | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-28-427-GR   | Green/Transparent  | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-28-427-GY   | Grey/Transparent   | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-28-427-PL   | Purple/Transparent | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-28-427-BL   | Blue/Transparent   | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-28-427-BR   | Brown/Transparent  | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-28-427-RD   | Red/Transparent    | 6.35               | 38.10               | 6.35                      | 12.70                         | 9.52                   | 4.00                    | 8.10                    | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-11-427      | White/Transparent  | 12.70              | 19.05               | 12.70                     | 9.53                          | 15.87                  | 2.70                    | 3.03                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-11-427-YL   | Yellow/Transparent | 12.70              | 19.05               | 12.70                     | 9.53                          | 15.87                  | 2.70                    | 3.03                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | BM71-11-427     | White/Transparent  | 12.70              | 19.05               | 12.70                     | 9.53                          | 15.88                  | 2.00                    | 3.00                    | 5000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-17-427      | White/Transparent  | 12.70              | 25.40               | 12.70                     | 9.53                          | 15.87                  | 3.00                    | 5.05                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-17-427-YL   | Yellow/Transparent | 12.70              | 25.40               | 12.70                     | 9.53                          | 15.87                  | 3.00                    | 5.05                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | BM71-17-427     | White/Transparent  | 12.70              | 25.40               | 12.70                     | 9.53                          | 15.88                  | 2.70                    | 5.10                    | 5000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-102-427     | White/Transparent  | 12.70              | 31.75               | 12.70                     | 9.53                          | 34.93                  | 3.40                    | 7.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427      | White/Transparent  | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427-YL   | Yellow/Transparent | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427-OR   | Orange/Transparent | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427-GR   | Green/Transparent  | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427-GY   | Grey/Transparent   | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427-PL   | Purple/Transparent | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427-BL   | Blue/Transparent   | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427-BR   | Brown/Transparent  | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-29-427-RD   | Red/Transparent    | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | BM71-29-427     | White/Transparent  | 12.70              | 38.10               | 12.70                     | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 5000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-74-427      | White/Transparent  | 12.70              | 55.88               | 12.70                     | 19.05                         | 60.33                  | 5.90                    | 11.70                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-18-427      | White/Transparent  | 19.05              | 25.40               | 19.05                     | 9.53                          | 22.23                  | 2.70                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-18-427-YL   | Yellow/Transparent | 19.05              | 25.40               | 19.05                     | 9.53                          | 22.23                  | 2.70                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | PTL-96-427      | White/Transparent  | 19.05              | 25.40               | 25.40                     | 9.53                          | 28.57                  | 2.70                    | 5.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                            | BM71-18-427     | White/Transparent  | 19.05              | 25.40               | 19.05                     | 9.53                          | 22.23                  | 2.70                    | 5.10                    | 2500            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls. \*Order references ending with "AW" indicate all white labels with no clear area.

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Apply the printed area to your wire.



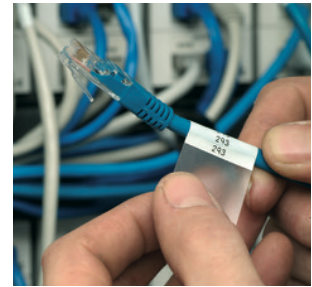
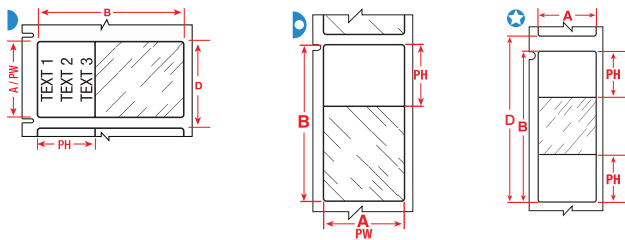
Wrap the clear area around the wire, covering the printed area.



Once applied the clear laminate will protect your legend for years to come.

## WIRE & CABLE MARKING

### SELF-LAMINATING LABELS (CONTINUED)



| Diagram | Order Reference | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Width (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------|-----------------|--------------------|--------------------|---------------------|---------------------------|-------------------------------|------------------------|-------------------------|-------------------------|-----------------|-----------------------|-----------------------------------|
| ▶       | PTL-30-427      | White/Transparent  | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-30-427-YL   | Yellow/Transparent | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-30-427-OR   | Orange/Transparent | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-30-427-GR   | Green/Transparent  | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-30-427-GY   | Grey/Transparent   | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-30-427-PL   | Purple/Transparent | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-30-427-BL   | Blue/Transparent   | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-30-427-BR   | Brown/Transparent  | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-30-427-RD   | Red/Transparent    | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | BM71-30-427     | White/Transparent  | 19.05              | 38.10               | 19.05                     | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 2500            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427      | White/Transparent  | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427-YL   | Yellow/Transparent | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427-OR   | Orange/Transparent | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427-GR   | Green/Transparent  | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427-GY   | Grey/Transparent   | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427-PL   | Purple/Transparent | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427-BL   | Blue/Transparent   | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427-BR   | Brown/Transparent  | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-19-427-RD   | Red/Transparent    | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 3.00                    | 5.05                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | BM71-19-427     | White/Transparent  | 25.40              | 25.40               | 25.40                     | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 2500            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-103-427     | White/Transparent  | 25.40              | 31.75               | 25.40                     | 12.70                         | 34.93                  | 3.40                    | 6.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427      | White/Transparent  | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427-YL   | Yellow/Transparent | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427-OR   | Orange/Transparent | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427-GR   | Green/Transparent  | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427-GY   | Grey/Transparent   | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427-PL   | Purple/Transparent | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427-BL   | Blue/Transparent   | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427-BR   | Brown/Transparent  | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-31-427-RD   | Red/Transparent    | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | BM71-31-427     | White/Transparent  | 25.40              | 38.10               | 25.40                     | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 2500            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427      | White/Transparent  | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427-YL   | Yellow/Transparent | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427-OR   | Orange/Transparent | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427-GR   | Green/Transparent  | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427-GY   | Grey/Transparent   | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427-PL   | Purple/Transparent | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427-BL   | Blue/Transparent   | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427-BR   | Brown/Transparent  | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-21-427-RD   | Red/Transparent    | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | BM71-21-427     | White/Transparent  | 25.40              | 63.50               | 25.40                     | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 1000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-75-427      | White/Transparent  | 25.40              | 66.68               | 25.40                     | 25.40                         | 69.85                  | 7.10                    | 13.10                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-64-427      | White/Transparent  | 25.40              | 85.73               | 25.40                     | 28.58                         | 88.90                  | 9.10                    | 18.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | BM71-64-427     | White/Transparent  | 25.40              | 85.73               | 25.40                     | 28.58                         | 88.90                  | 9.10                    | 18.20                   | 1000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-23-427      | White/Transparent  | 25.40              | 101.60              | 25.40                     | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-23-427-YL   | Yellow/Transparent | 25.40              | 101.60              | 25.40                     | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-23-427-OR   | Orange/Transparent | 25.40              | 101.60              | 25.40                     | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-23-427-GR   | Green/Transparent  | 25.40              | 101.60              | 25.40                     | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-23-427-GY   | Grey/Transparent   | 25.40              | 101.60              | 25.40                     | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶       | PTL-23-427-PL   | Purple/Transparent | 25.40              | 101.60              | 25.40                     | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls. \*Order references ending with "AW" indicate all white labels with no clear area.

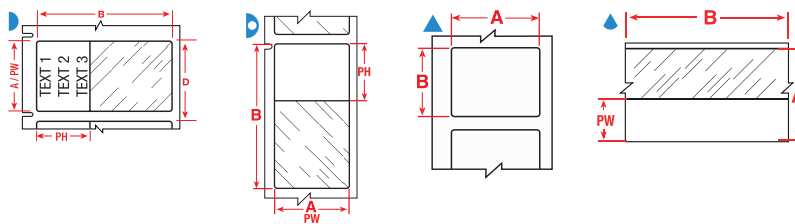
Full Material Properties on page 228

# BMP61 Materials - Electrical, Voice/Datacom ID

## WIRE & CABLE MARKING



## SELF-LAMINATING LABELS (CONTINUED)



| Diagram                  | Order Reference | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|--------------------------|-----------------|--------------------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|-------------------------|-------------------------|-----------------|-----------------------|-----------------------------------|
| ▶                        | PTL-23-427-BL   | Blue/Transparent   | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-23-427-BR   | Brown/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-23-427-RD   | Red/Transparent    | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | BM71-23-427     | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 1000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                        | PTL-105-427-AW* | White              | 27.94              | 6.35                | 27.94                        | 6.35                          | 9.52                   | -                       | -                       | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                        | PTL-106-427**   | White/Transparent  | 38.10              | **                  | 12.70                        | -                             | -                      | 4.00                    | 8.10                    | 1               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                        | PTL-30-427-AW*  | White              | 38.10              | 19.05               | 38.10                        | 19.05                         | 22.23                  | 4.00                    | 8.00                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-104-427     | White/Transparent  | 38.10              | 25.40               | 38.10                        | 9.53                          | 28.57                  | 2.70                    | 5.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427      | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427-YL   | Yellow/Transparent | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427-OR   | Orange/Transparent | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.27                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427-GR   | Green/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.27                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427-GY   | Grey/Transparent   | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.27                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427-PL   | Purple/Transparent | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.27                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427-BL   | Blue/Transparent   | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.27                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427-BR   | Brown/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.27                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-32-427-RD   | Red/Transparent    | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | BM71-32-427     | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 1000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427      | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427-YL   | Yellow/Transparent | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427-OR   | Orange/Transparent | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427-GR   | Green/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427-GY   | Grey/Transparent   | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427-PL   | Purple/Transparent | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427-BL   | Blue/Transparent   | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427-BR   | Brown/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-33-427-RD   | Red/Transparent    | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-109-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 12.12                   | 20.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | BM71-33-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | BM71-109-427    | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 10.80                   | 20.20                   | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427      | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427-YL   | Yellow/Transparent | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427-OR   | Orange/Transparent | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427-GR   | Green/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427-GY   | Grey/Transparent   | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427-PL   | Purple/Transparent | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427-BL   | Blue/Transparent   | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427-BR   | Brown/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-34-427-RD   | Red/Transparent    | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | BM71-34-427     | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-87-427      | White/Transparent  | 44.45              | 25.40               | 44.45                        | 9.53                          | 28.57                  | 2.70                    | 5.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-88-427      | White/Transparent  | 44.45              | 38.10               | 44.45                        | 12.70                         | 41.27                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                        | PTL-78-427-AW*  | White              | 48.26              | 25.40               | 48.26                        | 25.40                         | 28.58                  | -                       | -                       | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-66-427      | White/Transparent  | 49.28              | 80.00               | 49.28                        | 25.40                         | 83.57                  | 8.50                    | 17.40                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-107-427     | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.97                  | 4.00                    | 8.10                    | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | BM71-107-427    | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 4.00                    | 8.10                    | 1000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| B-642: Polyvinylfluoride |                 |                    |                    |                     |                              |                               |                        |                         |                         |                 |                       |                                   |
| ▶                        | PTL-19-642      | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.57                  | 2.70                    | 5.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-31-642      | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 41.27                  | 4.00                    | 8.10                    | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▶                        | PTL-21-642      | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

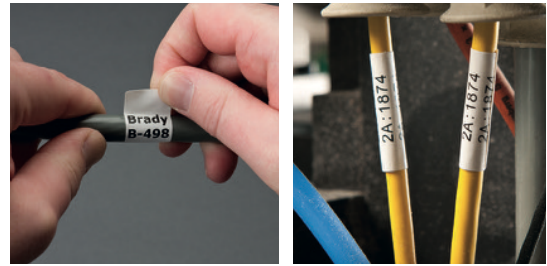
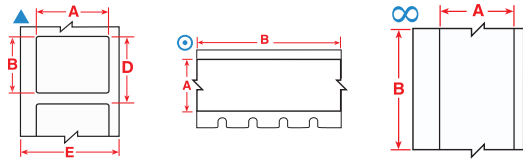
Order references beginning with "B" indicate bulk rolls. \*Order references ending with "AW" indicate all white labels with no clear area.

\*\*PTL-106-427: continuous material, length 15.24 m.

## WIRE & CABLE MARKING

### WRAP AROUND LABELS

- These durable cloth wrap around labels are available with either an adhesive that allows the markers to be removed cleanly and reapplied if necessary (B-498) or with a permanent adhesive (B-437, B-499).
- A 3 mm overlap is recommended with these materials for an ideal, long lasting solution.



| Diagram                         | Order Reference | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Max. Wire Diameter<br>(mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------------------------------|-----------------|--------|-----------------------|------------------------|-----------------------|---------------------------|----------------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-437: Polyvinylfluoride</b> |                 |        |                       |                        |                       |                           |                            |                 |                       |                                   |
| ▲                               | PTL-9-437       | White  | 16.51                 | 5.08                   | -                     | 8.25                      | 4.29                       | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-10-437      | White  | 19.05                 | 6.35                   | -                     | 9.52                      | 5.10                       | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-15-437      | White  | 25.40                 | 6.99                   | -                     | 10.16                     | 7.12                       | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊙                               | PTLCM-41-437-WT | White  | 38.10                 | -                      | 15.24                 | -                         | -                          | 1               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊙                               | PTLCM-41-437-YL | Yellow | 38.10                 | -                      | 15.24                 | -                         | -                          | 1               | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-29-437      | White  | 38.10                 | 12.70                  | -                     | 15.87                     | 11.16                      | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-498: Vinyl Cloth</b>       |                 |        |                       |                        |                       |                           |                            |                 |                       |                                   |
| ▲                               | PTL-10-498      | White  | 6.35                  | 19.05                  | -                     | 22.22                     | 5.11                       | 750             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-16-498      | White  | 9.53                  | 25.40                  | -                     | 28.57                     | 7.13                       | 500             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                               | PTL-8-498       | White  | 12.70                 | -                      | 9.10                  | -                         | -                          | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-7-498       | White  | 12.70                 | 12.70                  | -                     | 15.87                     | 3.09                       | 500             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-11-498      | White  | 12.70                 | 19.05                  | -                     | 22.22                     | 5.11                       | 500             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | BM71-11-498     | White  | 19.05                 | 12.70                  | -                     | 15.88                     | 4.55                       | 5000            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-18-498      | White  | 19.05                 | 25.40                  | -                     | 28.57                     | 7.13                       | 250             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-23-498      | White  | 25.40                 | 101.60                 | -                     | 104.77                    | 31.37                      | 100             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-17-498      | White  | 25.40                 | 12.70                  | -                     | 15.87                     | 3.09                       | 500             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | BM71-18-498     | White  | 25.40                 | 19.05                  | -                     | 22.23                     | 6.06                       | 2500            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-19-498      | White  | 25.40                 | 25.40                  | -                     | 28.57                     | 7.13                       | 250             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | BM71-19-498     | White  | 25.40                 | 25.40                  | -                     | 28.58                     | 6.06                       | 2500            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-15-498      | White  | 25.40                 | 6.99                   | -                     | 10.16                     | 7.12                       | 750             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-21-498      | White  | 25.40                 | 63.50                  | -                     | 66.67                     | 19.25                      | 100             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-33-498      | White  | 38.10                 | 101.60                 | -                     | 104.77                    | 31.37                      | 100             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-29-498      | White  | 38.10                 | 12.70                  | -                     | 15.87                     | 11.17                      | 500             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | BM71-29-498     | White  | 38.10                 | 12.70                  | -                     | 15.88                     | 9.10                       | 5000            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-34-498      | White  | 38.10                 | 152.40                 | -                     | 155.57                    | 47.53                      | 50              | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-30-498      | White  | 38.10                 | 19.05                  | -                     | 22.22                     | 11.17                      | 250             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-31-498      | White  | 38.10                 | 25.40                  | -                     | 28.57                     | 11.17                      | 250             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-32-498      | White  | 38.10                 | 38.10                  | -                     | 41.27                     | 11.17                      | 250             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-28-498      | White  | 38.10                 | 6.35                   | -                     | 9.52                      | 11.17                      | 750             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-499: Nylon Cloth</b>       |                 |        |                       |                        |                       |                           |                            |                 |                       |                                   |
| ▲                               | PTL-16-499      | White  | 9.53                  | 25.40                  | -                     | 28.57                     | 7.13                       | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-7-499       | White  | 12.70                 | 12.70                  | -                     | 15.87                     | 3.09                       | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-11-499      | White  | 12.70                 | 19.05                  | -                     | 22.22                     | 5.11                       | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | BM71-11-499     | White  | 19.05                 | 12.70                  | -                     | 15.88                     | 4.55                       | 5000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-18-499      | White  | 19.05                 | 25.40                  | -                     | 28.57                     | 7.13                       | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-84-499      | White  | 22.86                 | 12.70                  | -                     | 15.87                     | -                          | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-23-499      | White  | 25.40                 | 101.60                 | -                     | 104.77                    | 31.37                      | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-19-499      | White  | 25.40                 | 25.40                  | -                     | 28.57                     | 7.13                       | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-21-499      | White  | 25.40                 | 63.50                  | -                     | 66.67                     | -                          | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-29-499      | White  | 38.10                 | 12.70                  | -                     | 15.87                     | 11.17                      | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-30-499      | White  | 38.10                 | 19.05                  | -                     | 22.22                     | 11.16                      | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-31-499      | White  | 38.10                 | 25.40                  | -                     | 28.57                     | 11.17                      | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-28-499      | White  | 38.10                 | 6.35                   | -                     | 9.52                      | 11.17                      | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-78-499      | White  | 48.26                 | 25.40                  | -                     | 28.57                     | -                          | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                               | PTL-81-499      | White  | 48.26                 | 6.35                   | -                     | 9.52                      | 14.40                      | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 228

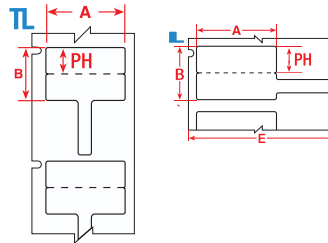


## WIRE & CABLE MARKING

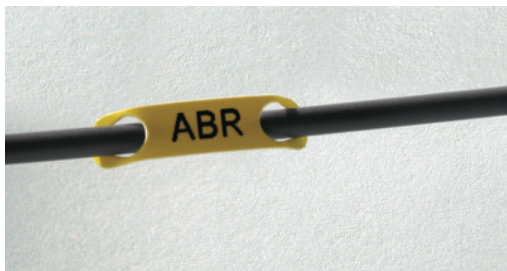


### FIBRE OPTIC LABELS/FLAGS

- These Fibre Optic Flags allow more legible information to be printed on smaller diameter wires and permit you to handle and view labels without touching the wires.

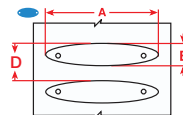


| Diagram              | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|----------------------|-----------------|--------|--------------------|---------------------|-------------------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| B-425: Polypropylene |                 |        |                    |                     |                               |                        |                 |                       |                                   |
|                      | PTLFP-01-425    | White  | 30.00              | 20.00               | 10.00                         | 23.28                  | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                      | PTLFT-01-425    | White  | 30.00              | 20.00               | 10.00                         | 43.39                  | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |



### RAPIDO™ PLASTIC WIREMARKERS

- Yellow coated polyethylene tag suitable for durable wire marking for electrical devices and fibre installations.



| Diagram                  | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Max. Lines of Text | Max. Characters per Line | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|--------------------------|-----------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|-------------------------|-------------------------|-----------------|-----------------------|-----------------------------------|
| B-7599: Polyethylene Tag |                 |        |                    |                     |                    |                          |                        |                         |                         |                 |                       |                                   |
|                          | BM71R-1-7599-YL | Yellow | 22.90              | 5.20                | 1                  | 11                       | 8.38                   | 0.25                    | 1.50                    | 2500            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                          | BM71R-2-7599-YL | Yellow | 23.00              | 5.20                | 1                  | 8                        | 8.38                   | 0.75                    | 2.60                    | 2500            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                          | BM71R-3-7599-YL | Yellow | 25.00              | 5.70                | 2                  | 7                        | 8.89                   | 1.25                    | 3.30                    | 2500            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                          | BM71R-4-7599-YL | Yellow | 26.00              | 7.00                | 2                  | 7                        | 10.82                  | 1.75                    | 4.60                    | 2500            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
|                          | BM71R-5-7599-YL | Yellow | 41.00              | 11.00               | 3                  | 17                       | 14.20                  | 2.25                    | 7.50                    | 2500            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 228

## WIRE & CABLE MARKING

### B-7643 HALOGEN-FREE CABLE TAG

- These cable markers are made of halogen-free polyurethane material.
- The markers are tough, imperishable and with a very high degree of mark permanence in almost any environment.



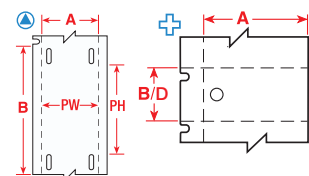
| Diagram                                      | Order Reference    | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|----------------------------------------------|--------------------|--------|--------------------|---------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| B-7643: Thermoplastic Polyether Polyurethane |                    |        |                    |                     |                        |                 |                       |                                   |
| ◇                                            | BM71-10x60-7643-BL | Blue   | 10.00              | 60.00               | 65.09                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x60-7643-GN | Green  | 10.00              | 60.00               | 65.09                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x60-7643-OR | Orange | 10.00              | 60.00               | 65.09                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x60-7643-RD | Red    | 10.00              | 60.00               | 65.09                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x60-7643-WT | White  | 10.00              | 60.00               | 65.09                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x60-7643-YL | Yellow | 10.00              | 60.00               | 65.09                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x75-7643-BK | Black  | 10.00              | 75.00               | 80.43                  | 250             | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x75-7643-BL | Blue   | 10.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x75-7643-GN | Green  | 10.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x75-7643-OR | Orange | 10.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x75-7643-RD | Red    | 10.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x75-7643-WT | White  | 10.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-10x75-7643-YL | Yellow | 10.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-15x75-7643-BK | Black  | 15.00              | 75.00               | 80.43                  | 250             | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-15x75-7643-BL | Blue   | 15.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-15x75-7643-GN | Green  | 15.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-15x75-7643-OR | Orange | 15.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-15x75-7643-RD | Red    | 15.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-15x75-7643-WT | White  | 15.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-15x75-7643-YL | Yellow | 15.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-25x75-7643-BK | Black  | 25.00              | 75.00               | 80.43                  | 250             | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-25x75-7643-BL | Blue   | 25.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-25x75-7643-GN | Green  | 25.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-25x75-7643-OR | Orange | 25.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-25x75-7643-RD | Red    | 25.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-25x75-7643-WT | White  | 25.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |
| ◇                                            | BM71-25x75-7643-YL | Yellow | 25.00              | 75.00               | 80.43                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC Link |

Order references beginning with "B" indicate bulk rolls.



### TEAR RESISTANT CABLE MARKERS

- These extremely tear resistant cable markers can be used for a variety of applications including identification of multiconductor cables, inventory and equipment.



| Diagram                 | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|-------------------------|-----------------|--------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| B-109: Polyethylene Tag |                 |        |                    |                     |                              |                               |                        |                 |                       |                                   |
| ⊕                       | PTL-60-109      | White  | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.00                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊕                       | BM71-60-109     | White  | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 1000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊕                       | PTL-12-109      | White  | 19.05              | 76.20               | -                            | -                             | 76.20                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊕                       | BM71-12-109     | White  | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 1000            | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊕                       | PTL-12-109-YL   | Yellow | 19.05              | 76.20               | -                            | -                             | 76.20                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊕                       | PTL-36-109      | White  | 44.45              | 28.58               | -                            | -                             | 28.58                  | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

Full Material Properties on page 228

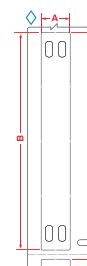
## WIRE & CABLE MARKING



### B-7598 POLYESTER CABLE TAG

The B-7598 polyester tag is a general identification tag for cables exposed to extreme conditions. It requires cable ties to apply to cables with various diameters. Common applications for this cable tag material are:

- Identification of multi-conductor cables
- Identification of cables in mobile phone towers
- Identification of datacom or telecom cables in general
- General cable identification that must be extremely resistant



| Diagram | Order Reference     | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Package | Ribbon Series | Printer Compatibility             |
|---------|---------------------|---------------|--------|--------------------|---------------------|------------------------|----------------|--------------------|---------------|-----------------------------------|
| ◇       | BM71-10x60-B7598-WT | Polyester Tag | White  | 10.00              | 60.00               | 65.09                  | 1              | 500                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x60-B7598-YL | Polyester Tag | Yellow | 10.00              | 60.00               | 65.09                  | 1              | 500                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x60-B7598-GN | Polyester Tag | Green  | 10.00              | 60.00               | 65.09                  | 1              | 500                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x60-B7598-RD | Polyester Tag | Red    | 10.00              | 60.00               | 65.09                  | 1              | 500                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x60-B7598-SV | Polyester Tag | Silver | 10.00              | 60.00               | 65.09                  | 1              | 500                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x60-B7598-BK | Polyester Tag | Black  | 10.00              | 60.00               | 65.09                  | 1              | 500                | M61-R4410-WT  | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x60-B7598-BL | Polyester Tag | Blue   | 10.00              | 60.00               | 65.09                  | 1              | 500                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x75-B7598-WT | Polyester Tag | White  | 10.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x75-B7598-YL | Polyester Tag | Yellow | 10.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x75-B7598-GN | Polyester Tag | Green  | 10.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x75-B7598-RD | Polyester Tag | Red    | 10.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x75-B7598-SV | Polyester Tag | Silver | 10.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x75-B7598-BK | Polyester Tag | Black  | 10.00              | 75.00               | 80.43                  | 1              | 250                | M61-R4410-WT  | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-10x75-B7598-BL | Polyester Tag | Blue   | 10.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-15x75-B7598-WT | Polyester Tag | White  | 15.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-15x75-B7598-YL | Polyester Tag | Yellow | 15.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-15x75-B7598-GN | Polyester Tag | Green  | 15.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-15x75-B7598-RD | Polyester Tag | Red    | 15.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-15x75-B7598-SV | Polyester Tag | Silver | 15.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-15x75-B7598-BK | Polyester Tag | Black  | 15.00              | 75.00               | 80.43                  | 1              | 250                | M61-R4410-WT  | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-15x75-B7598-BL | Polyester Tag | Blue   | 15.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-25x75-B7598-WT | Polyester Tag | White  | 25.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-25x75-B7598-YL | Polyester Tag | Yellow | 25.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-25x75-B7598-GN | Polyester Tag | Green  | 25.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-25x75-B7598-RD | Polyester Tag | Red    | 25.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-25x75-B7598-SV | Polyester Tag | Silver | 25.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-25x75-B7598-BK | Polyester Tag | Black  | 25.00              | 75.00               | 80.43                  | 1              | 250                | M61-R4410-WT  | BMP71; BMP61; TLS2200; TLSPC Link |
| ◇       | BM71-25x75-B7598-BL | Polyester Tag | Blue   | 25.00              | 75.00               | 80.43                  | 1              | 250                | M61-R6010     | BMP71; BMP61; TLS2200; TLSPC Link |

## WIRE & CABLE MARKING

### LAMINAT™ CABLE MARKING CARRIERS

- LAMINAT™ Carriers come with a strip to laminate text labels.
- Carriers are fixed with two cable ties on the cables and wires for permanent identification.
- The LAMINAT™ Carriers can be used for any type of cable identification where permanency of the legend is crucial.



1. Pull the protective film backwards.



2. Place the label in the middle leaving space for sealing on all four sides of the label.



3. Seal the carrier by placing a finger on the film and pushing forward, thus rolling over the film and rolling off the silicon liner.



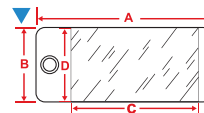
4. Always feed the cable ties from the top, thus bending down the LAMINAT™ carrier along the cable.

| Diagram                                             | Order Reference     | Colour | Width A (mm) | Height B (mm) | Seal-up Area Width C (mm) | Seal-up Area Height D (mm) | Labels/Tapes Recommended | Quantity / Package |
|-----------------------------------------------------|---------------------|--------|--------------|---------------|---------------------------|----------------------------|--------------------------|--------------------|
| B-7644: Polypropylene Tag with Polyester Overlamine |                     |        |              |               |                           |                            |                          |                    |
|                                                     | LC-65X13-B7644-0.1  | Yellow | 65.00        | 13.00         | 45.00                     | 9.00                       | PTLTL-5-430/6 mm         | 100                |
|                                                     | LC-71X9-B7644-0.1   | Yellow | 71.00        | 9.00          | 45.00                     | 9.00                       | PTLTL-5-430/6 mm         | 100                |
|                                                     | LC-103X15-B7644-0.1 | Yellow | 103.00       | 15.00         | 55.00                     | 15.00                      | PTLTL-6-430/6 mm         | 100                |
|                                                     | LC-128X15-B7644-0.1 | Yellow | 128.00       | 15.00         | 80.00                     | 15.00                      | PTLTL-1-430/9 mm         | 100                |



### LAMINAT™ TAGS

- The LAMINAT™ Tags (Manilla tags) are ideal for identification in tough environments including valves, instruments, motors and other industrial components.



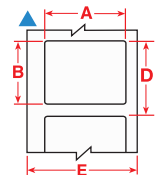
| Diagram                                             | Order Reference        | Colour | Width A (mm) | Height B (mm) | Seal-up Area Width C (mm) | Seal-up Area Height D (mm) | Labels/Tapes Recommended | Quantity / Package |
|-----------------------------------------------------|------------------------|--------|--------------|---------------|---------------------------|----------------------------|--------------------------|--------------------|
| B-7645: Polypropylene Tag with Polyester Overlamine |                        |        |              |               |                           |                            |                          |                    |
|                                                     | LT-59X25-B7645-0.05    | Yellow | 59.00        | 25.00         | 43.00                     | 25.00                      | PTLTL-4-430              | 50                 |
|                                                     | LT-59X25-B7645-WR-0.05 | Yellow | 59.00        | 25.00         | 43.00                     | 25.00                      | PTLTL-4-430              | 50                 |



### RECOMMENDED LABELS FOR LAMINAT™ CABLE MARKING CARRIERS

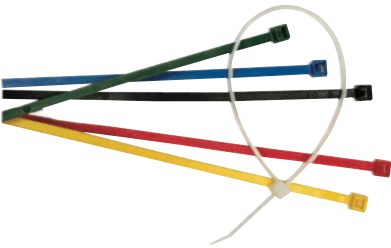
- Clear Polyester labels specifically designed to fit the LAMINAT™ Cable Marking Carriers.

| Diagram          | Order Reference | Colour      | Label Width A (mm) | Label Height B (mm) | Additional Features                          | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|------------------|-----------------|-------------|--------------------|---------------------|----------------------------------------------|-----------------|-----------------------|-----------------------------------|
| B-430: Polyester |                 |             |                    |                     |                                              |                 |                       |                                   |
|                  | PTLTL-6-430     | Transparent | 11.00              | 49.00               | Use with LC-103x15-B7644                     | 150             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                  | PTLTL-1-430     | Transparent | 11.00              | 74.00               | Use with LC-128x150-B7644                    | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                  | PTLTL-4-430     | Transparent | 37.00              | 21.00               | Use with LT-59x25-B7645                      | 300             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                  | PTLTL-5-430     | Transparent | 39.00              | 5.00                | Use with LC-65x13-B7644 and/or LC-71x9-B7644 | 300             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |



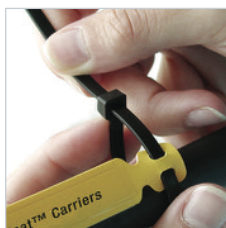
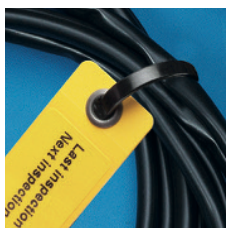


## WIRE & CABLE MARKING



### COLOURED NYLON WIRE AND CABLE TIES

Perfect for colour coded applications.



#### Black

| Order Ref.        | Colour | Width (mm) | Height (mm) | Quantity |
|-------------------|--------|------------|-------------|----------|
| NYTIE-2.2x75-BK   | Black  | 2.20       | 75.00       | 100      |
| NYTIE-2.5x98-BK   | Black  | 2.50       | 98.00       | 100      |
| NYTIE-2.5x135-BK  | Black  | 2.50       | 135.00      | 100      |
| NYTIE-2.6x160-BK  | Black  | 2.60       | 160.00      | 100      |
| NYTIE-2.6x200-BK  | Black  | 2.60       | 200.00      | 100      |
| NYTIE-3.5x140-BK  | Black  | 3.50       | 140.00      | 100      |
| NYTIE-3.5x200-BK  | Black  | 3.50       | 200.00      | 100      |
| NYTIE-3.5x290-BK  | Black  | 3.50       | 290.00      | 100      |
| NYTIE-3.5x370-BK  | Black  | 3.50       | 370.00      | 100      |
| NYTIE-4.5x120-BK  | Black  | 4.50       | 120.00      | 100      |
| NYTIE-4.5x160-BK  | Black  | 4.50       | 160.00      | 100      |
| NYTIE-4.5x200-BK  | Black  | 4.50       | 200.00      | 100      |
| NYTIE-4.5x290-BK  | Black  | 4.50       | 290.00      | 100      |
| NYTIE-4.5x360-BK  | Black  | 4.50       | 360.00      | 100      |
| NYTIE-4.5x430-BK  | Black  | 4.50       | 430.00      | 100      |
| NYTIE-4.8x178-BK  | Black  | 4.80       | 178.00      | 100      |
| NYTIE-4.8x250-BK  | Black  | 4.80       | 250.00      | 100      |
| NYTIE-4.8x390-BK  | Black  | 4.80       | 390.00      | 100      |
| NYTIE-7.5x365-BK  | Black  | 7.50       | 365.00      | 100      |
| NYTIE-7.5x450-BK  | Black  | 7.50       | 450.00      | 100      |
| NYTIE-7.5x540-BK  | Black  | 7.50       | 540.00      | 100      |
| NYTIE-7.5x750-BK  | Black  | 7.50       | 750.00      | 100      |
| NYTIE-7.8x240-BK  | Black  | 7.80       | 240.00      | 100      |
| NYTIE-7.8x300-BK  | Black  | 7.80       | 300.00      | 100      |
| NYTIE-9x780-BK    | Black  | 9.00       | 780.00      | 100      |
| NYTIE-12.5x500-BK | Black  | 12.50      | 500.00      | 50       |
| NYTIE-12.5x720-BK | Black  | 12.50      | 720.00      | 50       |
| NYTIE-12.5x850-BK | Black  | 12.50      | 850.00      | 50       |

#### Natural

| Order Ref.         | Colour  | Width (mm) | Height (mm) | Quantity |
|--------------------|---------|------------|-------------|----------|
| NYTIE-2.5x98-NT    | Natural | 2.50       | 98.00       | 100      |
| NYTIE-2.5x135-NT   | Natural | 2.50       | 135.00      | 100      |
| NYTIE-2.6x160-NT   | Natural | 2.60       | 160.00      | 100      |
| NYTIE-2.6x200-NT   | Natural | 2.60       | 200.00      | 100      |
| NYTIE-3.5x140-NT   | Natural | 3.50       | 140.00      | 100      |
| NYTIE-3.5x200-NT   | Natural | 3.50       | 200.00      | 100      |
| NYTIE-3.5x290-NT   | Natural | 3.50       | 290.00      | 100      |
| NYTIE-3.5x370-NT   | Natural | 3.50       | 370.00      | 100      |
| NYTIE-4.5x160-NT   | Natural | 4.50       | 160.00      | 100      |
| NYTIE-4.5x290-NT   | Natural | 4.50       | 290.00      | 100      |
| NYTIE-4.5x360-NT   | Natural | 4.50       | 360.00      | 100      |
| NYTIE-4.5x430-NT   | Natural | 4.50       | 430.00      | 100      |
| NYTIE-4.8x178-NT   | Natural | 4.80       | 178.00      | 100      |
| NYTIE-4.8x200-NT   | Natural | 4.80       | 200.00      | 100      |
| NYTIE-4.8x250-NT   | Natural | 4.80       | 250.00      | 100      |
| NYTIE-4.8x390-NT   | Natural | 4.80       | 390.00      | 100      |
| NYTIE-7.5x365-NT   | Natural | 7.50       | 365.00      | 100      |
| NYTIE-7.5x450-NT   | Natural | 7.50       | 450.00      | 100      |
| NYTIE-7.5x540-NT   | Natural | 7.50       | 540.00      | 100      |
| NYTIE-7.5x750-NT   | Natural | 7.50       | 750.00      | 100      |
| NYTIE-7.8x240-NT   | Natural | 7.80       | 240.00      | 100      |
| NYTIE-7.8x300-NT   | Natural | 7.80       | 300.00      | 100      |
| NYTIE-9x780-NT     | Natural | 9.00       | 780.00      | 100      |
| NYTIE-12.5x500-NT  | Natural | 12.50      | 500.00      | 50       |
| NYTIE-12.5x720-NT  | Natural | 12.50      | 720.00      | 50       |
| NYTIE-12.5x850-NT  | Natural | 12.50      | 850.00      | 50       |
| NYTIE-12.5x1000-NT | Natural | 12.50      | 1000.00     | 50       |



Nylon wire and cable ties can be used with a large variety of Brady cable tags.

#### Blue

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5x98-BL  | Blue   | 2.50       | 98.00       | 100      |
| NYTIE-3.6x140-BL | Blue   | 3.60       | 140.00      | 100      |
| NYTIE-3.6x200-BL | Blue   | 3.60       | 200.00      | 100      |
| NYTIE-4.8x200-BL | Blue   | 4.80       | 200.00      | 100      |
| NYTIE-4.8x290-BL | Blue   | 4.80       | 290.00      | 100      |

#### Green

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5x98-GN  | Green  | 2.50       | 98.00       | 100      |
| NYTIE-3.6x140-GN | Green  | 3.60       | 140.00      | 100      |
| NYTIE-3.6x200-GN | Green  | 3.60       | 200.00      | 100      |
| NYTIE-4.8x200-GN | Green  | 4.80       | 200.00      | 100      |
| NYTIE-4.8x290-GN | Green  | 4.80       | 290.00      | 100      |

#### Red

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5x98-RD  | Red    | 2.50       | 98.00       | 100      |
| NYTIE-3.6x140-RD | Red    | 3.60       | 140.00      | 100      |
| NYTIE-3.6x200-RD | Red    | 3.60       | 200.00      | 100      |
| NYTIE-4.8x200-RD | Red    | 4.80       | 200.00      | 100      |
| NYTIE-4.8x290-RD | Red    | 4.80       | 290.00      | 100      |

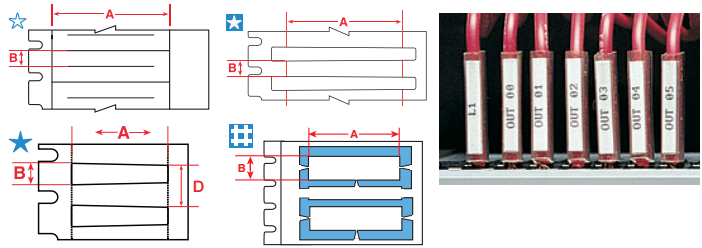
#### Yellow

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5x98-YL  | Yellow | 2.50       | 98.00       | 100      |
| NYTIE-3.5x200-YL | Yellow | 3.50       | 200.00      | 100      |
| NYTIE-3.6x140-YL | Yellow | 3.60       | 140.00      | 100      |
| NYTIE-4.8x200-YL | Yellow | 4.80       | 200.00      | 100      |
| NYTIE-4.8x290-YL | Yellow | 4.80       | 290.00      | 100      |

## WIRE & CABLE MARKING

### DURASLEEVE INSERTS

- Brady DuraSleeve printable inserts create a durable legend.
- Tags and inserts easily slide into the clear carriers.
- The legend can be changed before or after termination.



| Diagram                         | Order Reference       | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Labels per<br>Roll | Printer<br>Ribbon Series | Printer Compatibility             |
|---------------------------------|-----------------------|--------|-----------------------|------------------------|---------------------------|--------------------|--------------------------|-----------------------------------|
| <b>B-390: Rigid Insert</b>      |                       |        |                       |                        |                           |                    |                          |                                   |
|                                 | PTDS-15-390           | White  | 15.00                 | 4.14                   | 4.14                      | 300                | M61-R6610                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BPTDS-15-390          | White  | 15.00                 | 4.14                   | -                         | 3000               | M61-R6610                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTDS-30-390           | White  | 30.00                 | 4.14                   | 4.14                      | 300                | M61-R6610                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BPTDS-30-390          | White  | 30.00                 | 4.14                   | -                         | 3000               | M61-R6610                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-7597: Polyethylene Tag</b> |                       |        |                       |                        |                           |                    |                          |                                   |
|                                 | PTDSU-10-7597         | White  | 10.00                 | 4.20                   | 4.20                      | 1500               | R4300                    | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTDSU-10-7597-YL      | Yellow | 10.00                 | 4.20                   | 4.20                      | 1500               | R6200                    | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTDSU-15-7597         | White  | 15.00                 | 4.20                   | 4.20                      | 1500               | R4300                    | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTDSU-15-7597-YL      | Yellow | 15.00                 | 4.20                   | 4.20                      | 1500               | R6200                    | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTDSU-30-7597         | White  | 30.00                 | 4.10                   | 4.10                      | 1500               | R4300                    | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTDSU-30-7597-YL      | Yellow | 30.00                 | 4.10                   | 4.10                      | 1500               | R6200                    | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-7696: Vinyl Tag</b>        |                       |        |                       |                        |                           |                    |                          |                                   |
|                                 | BM71D-1-7696          | White  | 10.00                 | 4.40                   | 7.56                      | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-1-7696-YL       | Yellow | 10.00                 | 4.40                   | 7.56                      | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTLRDS-12x4,4-7696    | White  | 12.00                 | 4.40                   | 7.56                      | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-2-7696          | White  | 12.00                 | 4.40                   | 7.56                      | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-2-7696-YL       | Yellow | 12.00                 | 4.40                   | 7.56                      | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTLRDS-16x4,4-7696    | White  | 16.00                 | 4.40                   | 7.56                      | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTLRDS-16x4,4-7696-YL | Yellow | 16.00                 | 4.40                   | 7.56                      | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-3-7696          | White  | 16.00                 | 4.40                   | 7.56                      | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-3-7696-YL       | Yellow | 16.00                 | 4.40                   | 7.56                      | 5000               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTLRDS-23x4,4-7696    | White  | 23.00                 | 4.40                   | 7.56                      | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-4-7696          | White  | 23.00                 | 4.40                   | 7.56                      | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-4-7696-YL       | Yellow | 23.00                 | 4.40                   | 7.56                      | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTLRDS-30x4,4-7696    | White  | 30.00                 | 4.40                   | 7.56                      | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTLRDS-30x4,4-7696-YL | Yellow | 30.00                 | 4.40                   | 7.56                      | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-5-7696          | White  | 30.00                 | 4.40                   | 7.56                      | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71D-5-7696-YL       | Yellow | 30.00                 | 4.40                   | 7.56                      | 5000               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls.

### DURASLEEVE TAG CARRIER

DuraSleeve tag carriers are produced in transparent PVC. The special shape of the carrier allows it to adapt to cables of various diameters. There are several sizes of carriers which cater for cables with external diameters from 1.30 mm up to 15 mm.

- Temperature range: -40 °C to 60 °C
- Material: PVC

Please contact your local Brady representative to identify and select the most appropriate carrier for your individual application.



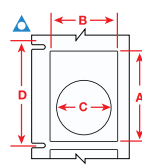
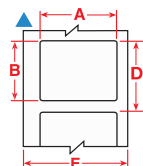
Full Material Properties on page 228

## COMPONENT & EQUIPMENT MARKING



### EPREP: ENGRAVED PLATE REPLACEMENT LABELS

- Brady EPREP labels are innovative labels specifically designed to replace engraved and plotted plates for identification of electrical components, electrical cabinets, push buttons, patch panels etc.



Roll Mounted



Fanfolded



Bulk Roll

| Diagram                                      | Order Reference  | Colour | Label Width A (mm) | Label Height B (mm) | Hole Diameter C (mm) | Vertical Repeat D (mm) | Labels per Roll | Layout       | Printer Ribbon Series | Printer Compatibility             |
|----------------------------------------------|------------------|--------|--------------------|---------------------|----------------------|------------------------|-----------------|--------------|-----------------------|-----------------------------------|
| B-7593: Polyethylene Foam Laminate Polyester |                  |        |                    |                     |                      |                        |                 |              |                       |                                   |
| ▲                                            | M61EP-06-7593-BK | Black  | 15.00              | 45.00               | -                    | 68.26                  | 300             | Fan-folded   | M61-R4410-WT          | BMP61                             |
| ▲                                            | M61EP-06-7593-RD | Red    | 15.00              | 45.00               | -                    | 68.26                  | 300             | Fan-folded   | M61-R4410-WT          | BMP61                             |
| ▲                                            | BM61E-06-7593-SV | Silver | 15.00              | 45.00               | -                    | 68.26                  | 450             | Bulk Roll    | M61-R6010             | BMP61                             |
| ▲                                            | BM61E-06-7593-WT | White  | 15.00              | 45.00               | -                    | 68.26                  | 450             | Bulk Roll    | M61-R6010             | BMP61                             |
| ▲                                            | M61EP-06-7593-YL | Yellow | 15.00              | 45.00               | -                    | 68.26                  | 300             | Fan-folded   | M61-R6010             | BMP61                             |
| ▲                                            | M61EP-08-7593-BK | Black  | 19.00              | 48.00               | -                    | 71.00                  | 300             | Fan-folded   | M61-R4410-WT          | BMP61                             |
| ▲                                            | M61EP-08-7593-SV | Silver | 19.00              | 48.00               | -                    | 71.00                  | 300             | Fan-folded   | M61-R6010             | BMP61                             |
| ▲                                            | M61EP-08-7593-WT | White  | 19.00              | 48.00               | -                    | 71.00                  | 300             | Fan-folded   | M61-R6010             | BMP61                             |
| ▲                                            | M61EP-08-7593-YL | Yellow | 19.00              | 48.00               | -                    | 71.00                  | 300             | Fan-folded   | M61-R6010             | BMP61                             |
| ▲                                            | PTLEP-09-7593-WT | White  | 25.00              | 75.00               | -                    | 78.17                  | 100             | Fan-folded   | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-09-7593-YL | Yellow | 25.00              | 75.00               | -                    | 78.17                  | 100             | Fan-folded   | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-01-7593-WT | White  | 25.00              | 100.00              | -                    | 103.17                 | 100             | Fan-folded   | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-10-7593-YL | Yellow | 25.00              | 100.00              | -                    | 103.17                 | 100             | Fan-folded   | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-01-7593-BK | Black  | 27.00              | 8.00                | -                    | 11.17                  | 250             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-01-7593-GR | Green  | 27.00              | 8.00                | -                    | 11.17                  | 250             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-01-7593-RD | Red    | 27.00              | 8.00                | -                    | 11.17                  | 250             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-01-7593-SV | Silver | 27.00              | 8.00                | -                    | 11.17                  | 250             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-01-7593-WT | White  | 27.00              | 8.00                | -                    | 11.17                  | 250             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-01-7593-YL | Yellow | 27.00              | 8.00                | -                    | 11.17                  | 250             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-02-7593-BK | Black  | 27.00              | 12.50               | -                    | 15.67                  | 250             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-02-7593-GR | Green  | 27.00              | 12.50               | -                    | 15.67                  | 250             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-02-7593-RD | Red    | 27.00              | 12.50               | -                    | 15.67                  | 250             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-02-7593-SV | Silver | 27.00              | 12.50               | -                    | 15.67                  | 250             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-02-7593-WT | White  | 27.00              | 12.50               | -                    | 15.67                  | 250             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-02-7593-YL | Yellow | 27.00              | 12.50               | -                    | 15.67                  | 250             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-03-7593-BK | Black  | 27.00              | 15.00               | -                    | 18.17                  | 150             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-03-7593-RD | Red    | 27.00              | 15.00               | -                    | 18.17                  | 150             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-03-7593-SV | Silver | 27.00              | 15.00               | -                    | 18.17                  | 150             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-03-7593-WT | White  | 27.00              | 15.00               | -                    | 18.17                  | 150             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-03-7593-YL | Yellow | 27.00              | 15.00               | -                    | 18.17                  | 150             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-04-7593-BK | Black  | 27.00              | 18.00               | -                    | 21.17                  | 150             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-04-7593-RD | Red    | 27.00              | 18.00               | -                    | 21.17                  | 150             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-04-7593-SV | Silver | 27.00              | 18.00               | -                    | 21.17                  | 150             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-04-7593-WT | White  | 27.00              | 18.00               | -                    | 21.17                  | 150             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-04-7593-YL | Yellow | 27.00              | 18.00               | -                    | 21.17                  | 150             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| △                                            | PTLEP-05-7593-BK | Black  | 30.00              | 40.00               | 24.00                | 43.17                  | 100             | Fan-folded   | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| △                                            | PTLEP-05-7593-GR | Green  | 30.00              | 40.00               | 24.00                | 43.17                  | 100             | Fan-folded   | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| △                                            | PTLEP-05-7593-RD | Red    | 30.00              | 40.00               | 24.00                | 43.17                  | 100             | Fan-folded   | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| △                                            | PTLEP-05-7593-SV | Silver | 30.00              | 40.00               | 24.00                | 43.17                  | 100             | Fan-folded   | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| △                                            | PTLEP-05-7593-WT | White  | 30.00              | 40.00               | 24.00                | 43.17                  | 100             | Fan-folded   | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| △                                            | PTLEP-05-7593-YL | Yellow | 30.00              | 40.00               | 24.00                | 43.17                  | 100             | Fan-folded   | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-07-7593-BK | Black  | 35.00              | 18.00               | -                    | 21.17                  | 100             | Roll Mounted | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-07-7593-SV | Silver | 35.00              | 18.00               | -                    | 21.17                  | 100             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-07-7593-WT | White  | 35.00              | 18.00               | -                    | 21.17                  | 100             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                            | PTLEP-07-7593-YL | Yellow | 35.00              | 18.00               | -                    | 21.17                  | 100             | Roll Mounted | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 228

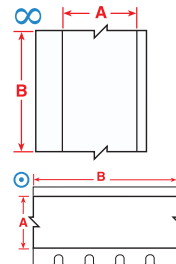
## COMPONENT & EQUIPMENT MARKING

### TERMINAL BLOCK MARKERS

- Repositionable vinyl cloth marker with a firm adhesive offering excellent holding power, but can be easily removed and reapplied.

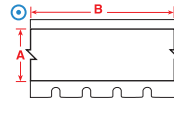
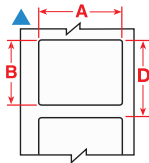
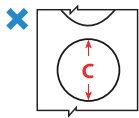
| Diagram            | Order Reference | Colour | Label Width A (mm) | Label Length B (m) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|--------------------|-----------------|--------|--------------------|--------------------|-----------------|-----------------------|-----------------------------------|
| B-498: Vinyl Cloth |                 |        |                    |                    |                 |                       |                                   |
|                    | PTLTB-498-240   | White  | 6.09               | 9.14               | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | M61C-240-498    | White  | 6.10               | 9.14               | 1               | M61-R6210             | BMP61                             |
|                    | PTLTB-498-318   | White  | 8.08               | 9.14               | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | M61C-318-498    | White  | 8.08               | 9.14               | 1               | M61-R6210             | BMP61                             |
|                    | M61C-375-498    | White  | 9.52               | 9.14               | 1               | M61-R6210             | BMP61                             |
|                    | PTLTB-498-375   | White  | 9.53               | 9.14               | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | BPTLTB-498-240  | White  | 6.10               | 91.44              | 1               | M61-R6210             | BMP61; TLS2200; TLSPC Link        |
|                    | BPTLTB-498-318  | White  | 8.08               | 91.44              | 1               | M61-R6210             | BMP61; TLS2200; TLSPC Link        |
|                    | BPTLTB-498-375  | White  | 9.53               | 91.44              | 1               | M61-R6210             | BMP61; TLS2200; TLSPC Link        |

Order references beginning with "B" indicate bulk rolls.



### GENERAL ELECTRICAL COMPONENT MARKING

- Nylon cloth marker with a firm adhesive offering excellent holding power in harsh environments.



| Diagram            | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Diameter C (mm) | Vertical Repeat D (mm) | Max. Characters per Line | Max. Lines of Text | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|--------------------|-----------------|--------|--------------------|---------------------|--------------------|-----------------|------------------------|--------------------------|--------------------|-----------------|-----------------------|-----------------------------------|
| B-498: Vinyl Cloth |                 |        |                    |                     |                    |                 |                        |                          |                    |                 |                       |                                   |
|                    | BM71C-240-498   | White  | 6.10               | -                   | 83.80              | -               | -                      | 5                        |                    | 1               | M61-R6200             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | BM71C-318-498   | White  | 8.08               | -                   | 83.80              | -               | -                      | 7                        |                    | 1               | M61-R6200             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | BM71C-375-498   | White  | 9.53               | -                   | 83.80              | -               | -                      | 7                        |                    | 1               | M61-R6200             | BMP61; BMP71; TLS2200; TLSPC LINK |
| B-499: Nylon Cloth |                 |        |                    |                     |                    |                 |                        |                          |                    |                 |                       |                                   |
|                    | PTL-82-499      | White  | -                  | -                   | -                  | 9.53            | 12.70                  | 8                        | 3                  | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | PTL-83-499      | White  | -                  | -                   | -                  | 12.70           | 15.87                  | 11                       | 1                  | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | PTL-83-499-YL   | Yellow | -                  | -                   | -                  | 12.70           | 15.87                  | 11                       | 1                  | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | PTL-82-499-YL   | Yellow | -                  | -                   | -                  | 9.53            | 12.70                  | 8                        | 3                  | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | PTL-67-499-YL   | Yellow | 15.00              | 9.00                | -                  | -               | 12.17                  | 13                       | 2                  | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | BPTL-67-499-YL  | Yellow | 15.00              | 9.00                | -                  | -               | 12.17                  | 13                       | 2                  | 7500            | M61-R4310             | BMP61; TLS2200; TLSPC Link        |
|                    | PTL-153-499-YL  | Yellow | 16.00              | 5.00                | -                  | -               | 8.17                   | 15                       | 1                  | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                    | PTL-47-499-YL   | Yellow | 20.00              | 8.00                | -                  | -               | 11.17                  | 18                       | 2                  | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls.

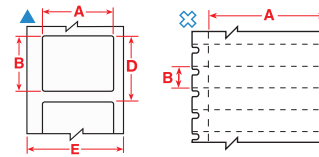


## COMPONENT MARKING



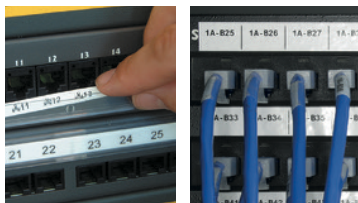
## WORKSTATION LABELS

- A variety of durable and resistant materials to label your workstation.



| Diagram                         | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------------------------------|-----------------|--------|--------------------|---------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-412: Polypropylene Tag</b> |                 |        |                    |                     |                        |                 |                       |                                   |
|                                 | PTL-40-412      | White  | 49.23              | 9.53                | 12.70                  | 750             | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | BM71-40-412     | White  | 49.23              | 9.53                | 9.53                   | 5000            | R6200                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-422: Polyester</b>         |                 |        |                    |                     |                        |                 |                       |                                   |
|                                 | PTL-39-422      | White  | 9.53               | 15.24               | -                      | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-44-422      | White  | 12.70              | 9.53                | 12.70                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-7-422       | White  | 12.70              | 12.70               | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-17-422      | White  | 25.40              | 12.70               | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-16-422      | White  | 25.40              | 9.53                | 12.70                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-29-422      | White  | 38.10              | 12.70               | 15.88                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-430: Polyester</b>         |                 |        |                    |                     |                        |                 |                       |                                   |
|                                 | PTL-71-430      | Clear  | 8.89               | 5.08                | 8.25                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-39-430      | Clear  | 9.53               | 15.24               | -                      | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-7-430       | Clear  | 12.70              | 12.70               | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-44-430      | Clear  | 12.70              | 9.53                | 12.70                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-17-430      | Clear  | 25.40              | 12.70               | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-16-430      | Clear  | 25.40              | 9.53                | 12.70                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-45-430      | Clear  | 38.10              | 9.53                | 12.70                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                 | PTL-29-430      | Clear  | 38.10              | 12.70               | 15.88                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls.

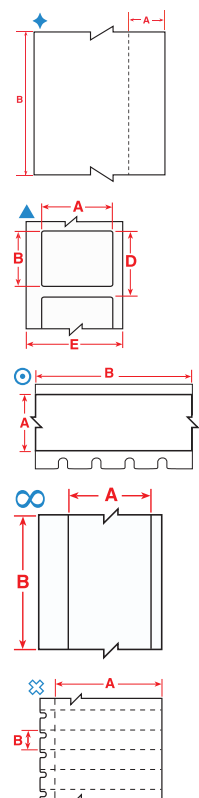


## PATCH PANEL LABELS

- Create a fully-formatted serialised punch block label to fit your equipment.
- Label your ports, jack and outlets with adhesive labels or slide-in strips.

| Diagram                            | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|------------------------------------|-----------------|--------|--------------------|---------------------|--------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-412: Polypropylene Tag</b>    |                 |        |                    |                     |                    |                        |                 |                       |                                   |
|                                    | PTL-55-412      | White  | 5.84               | -                   | 15.24              | -                      | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-56-412      | White  | 9.53               | -                   | 15.24              | -                      | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-57-412      | White  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-58-412      | White  | 13.59              | -                   | 15.24              | -                      | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-59-412      | White  | 19.94              | -                   | 15.24              | -                      | 1               | M61-R6210             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-422: Polyester</b>            |                 |        |                    |                     |                    |                        |                 |                       |                                   |
|                                    | PTL-39-422      | White  | 9.53               | 15.24               | -                  | -                      | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-7-422       | White  | 12.70              | 12.70               | -                  | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTLTB-8-422     | White  | 8.00               | -                   | 15.00              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-46-422      | White  | 9.53               | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-8-422       | White  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-428: Metallised Polyester</b> |                 |        |                    |                     |                    |                        |                 |                       |                                   |
|                                    | M61C-500-428    | Silver | 12.70              | -                   | 15.24              | -                      | 1               | M61-R4310             | BMP61                             |
| <b>B-430: Polyester</b>            |                 |        |                    |                     |                    |                        |                 |                       |                                   |
|                                    | PTL-7-430       | Clear  | 12.70              | 12.70               | -                  | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | M61C-375-430    | Clear  | 9.52               | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
|                                    | PTL-39-430      | Clear  | 9.53               | 15.24               | 15.24              | -                      | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-46-430      | Clear  | 9.53               | 8.00                | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-8-430       | Clear  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | M61C-500-430    | Clear  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| <b>B-432: Polyester</b>            |                 |        |                    |                     |                    |                        |                 |                       |                                   |
|                                    | PTL-10-432      | Clear  | 19.05              | 6.35                | -                  | 9.52                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTL-8-432       | Clear  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-7551: Polyester</b>           |                 |        |                    |                     |                    |                        |                 |                       |                                   |
|                                    | PTLTB-5-7551    | Clear  | 4.50               | -                   | 15.00              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                    | PTLTB-8-7551    | Clear  | 8.00               | -                   | 15.00              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |

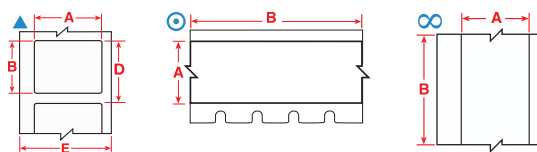
Full Material Properties on page 228



## ASSET & COMPONENT MARKING

### RACKS, PANELS & GENERAL DATACOM IDENTIFICATION

- Durable materials with permanent adhesive in a variety of sizes for marking racks, bays, frames, slots and other voice/data equipment.



| Diagram                            | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|------------------------------------|-----------------|--------|--------------------|---------------------|--------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-422: Polyester</b>            |                 |        |                    |                     |                    |                        |                 |                       |                                   |
| ▲                                  | BM71-20-422     | White  | 25.40              | 50.80               | -                  | 53.98                  | 1000            | R6000HF               | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-20-422      | White  | 50.80              | 25.40               | -                  | 28.57                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○                                  | M61C-375-422    | White  | 9.52               | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| ○                                  | M61C-475-422    | White  | 12.06              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| ∞                                  | PTL-8-422       | White  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○                                  | M61C-500-422    | White  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| ○                                  | M61C-625-422    | White  | 15.88              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| ∞                                  | PTL-42-422      | White  | 25.40              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-423: Polyester</b>            |                 |        |                    |                     |                    |                        |                 |                       |                                   |
| ▲                                  | PTL-10-423      | White  | 19.05              | 6.35                | -                  | 9.52                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○                                  | M61C-500-423    | White  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| <b>B-428: Metallised Polyester</b> |                 |        |                    |                     |                    |                        |                 |                       |                                   |
| ○                                  | M61C-500-428    | Silver | 12.70              | -                   | 15.24              | -                      | 1               | M61-R4310             | BMP61                             |
| <b>B-430: Polyester</b>            |                 |        |                    |                     |                    |                        |                 |                       |                                   |
| ▲                                  | PTL-28-430      | Clear  | 38.10              | 6.35                | -                  | 9.52                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○                                  | M61C-375-430    | Clear  | 9.52               | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| ∞                                  | PTL-8-430       | Clear  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○                                  | M61C-500-430    | Clear  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| ∞                                  | PTL-42-430      | Clear  | 25.40              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-43-430      | Clear  | 48.26              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-432: Polyester</b>            |                 |        |                    |                     |                    |                        |                 |                       |                                   |
| ▲                                  | PTL-11-432      | Clear  | 19.05              | 12.70               | -                  | 15.88                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-101-432     | Clear  | 6.35               | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-8-432       | Clear  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-42-432      | Clear  | 25.40              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-43-432      | Clear  | 48.26              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-483: Polyester</b>            |                 |        |                    |                     |                    |                        |                 |                       |                                   |
| ∞                                  | PTL-101-483     | White  | 6.35               | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ○                                  | M61C-500-483    | White  | 12.70              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61                             |
| ∞                                  | PTL-42-483      | White  | 25.40              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-43-483      | White  | 48.26              | -                   | 15.24              | -                      | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |

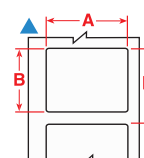
Order references beginning with "B" indicate bulk rolls.

## PAPER LABELS

- Economical choice for light duty general id.
- White finish and matt topcoat.
- Excellent contrast and smear resistance for barcode printing.

| Diagram             | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------------------|-----------------|--------|--------------------|---------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-424: Paper</b> |                 |        |                    |                     |                        |                 |                       |                                   |
| ▲                   | PTL-80-424      | White  | 22.86              | 19.05               | 22.22                  | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                   | PTL-22-424      | White  | 25.40              | 76.20               | 79.37                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                   | BM71-20-424     | White  | 25.40              | 50.80               | 53.98                  | 1000            | R4300                 | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                   | PTL-37-424      | White  | 48.26              | 76.20               | 79.37                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                   | PTL-38-424      | White  | 48.26              | 101.60              | 104.77                 | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                   | PTL-20-424      | White  | 50.80              | 25.40               | 28.57                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

Order references beginning with "B" indicate bulk rolls.



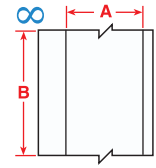
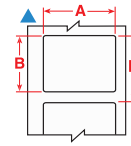
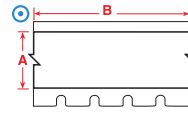
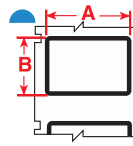
# BMP61 Materials - General & Industrial ID

## ASSET & COMPONENT MARKING



## RATING AND NAME PLATE LABELS

- Choose from several materials with aggressive adhesives for use in commercial/ industrial applications, including low surface energy and textured surfaces.

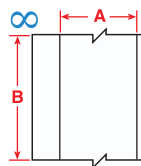
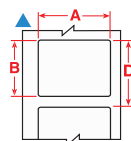
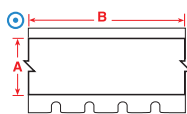
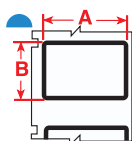


| Diagram                            | Order Reference | Colour                             | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Labels<br>per Roll | Printer<br>Ribbon Series | Printer Compatibility             |
|------------------------------------|-----------------|------------------------------------|-----------------------|------------------------|-----------------------|---------------------------|--------------------|--------------------------|-----------------------------------|
| <b>B-422: Polyester</b>            |                 |                                    |                       |                        |                       |                           |                    |                          |                                   |
| ⊙                                  | M61C-375-422    | White                              | 9.52                  | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61                             |
| ∞                                  | PTL-46-422      | White                              | 9.53                  | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊙                                  | M61C-475-422    | White                              | 12.06                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61                             |
| ∞                                  | PTL-8-422       | White                              | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊙                                  | M61C-500-422    | White                              | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61                             |
| ⊙                                  | M61C-625-422    | White                              | 15.88                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61                             |
| ∞                                  | PTL-42-422      | White                              | 25.40                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-43-422      | White                              | 48.26                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-423: Polyester</b>            |                 |                                    |                       |                        |                       |                           |                    |                          |                                   |
| ▲                                  | BM71-19-423     | White                              | 25.40                 | 25.40                  | -                     | 28.58                     | 2500               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ◐                                  | PTL-24-423-BK   | White with 1.6 mm<br>Black Border  | 28.70                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊙                                  | M61C-500-423    | White                              | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61                             |
| <b>B-428: Metallised Polyester</b> |                 |                                    |                       |                        |                       |                           |                    |                          |                                   |
| ▲                                  | PTL-15-428      | Silver                             | 25.40                 | 6.99                   | -                     | 10.16                     | 750                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-17-428      | Silver                             | 25.40                 | 12.70                  | -                     | 15.87                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-22-428      | Silver                             | 25.40                 | 76.20                  | -                     | 79.37                     | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | BM71-17-428     | Silver                             | 25.40                 | 12.70                  | -                     | 15.88                     | 5000               | M61-R4300                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | BM71-20-428     | Silver                             | 25.40                 | 50.80                  | -                     | 53.98                     | 1000               | M61-R4300                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ◐                                  | PTL-24-428-BK   | Silver with 1.6 mm<br>Black Border | 28.70                 | 12.70                  | -                     | 15.87                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-26-428      | Silver                             | 31.75                 | 69.85                  | -                     | 73.02                     | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-29-428      | Silver                             | 38.10                 | 12.70                  | -                     | 15.88                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-37-428      | Silver                             | 48.26                 | 76.20                  | -                     | 79.37                     | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-38-428      | Silver                             | 48.26                 | 101.60                 | -                     | 104.77                    | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-20-428      | Silver                             | 50.80                 | 25.40                  | -                     | 28.57                     | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-8-428       | Silver                             | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ⊙                                  | M61C-500-428    | Silver                             | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R4310                | BMP61                             |
| <b>B-432: Polyester</b>            |                 |                                    |                       |                        |                       |                           |                    |                          |                                   |
| ▲                                  | PTL-10-432      | Clear                              | 19.05                 | 6.35                   | -                     | 9.52                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-11-432      | Clear                              | 19.05                 | 12.70                  | -                     | 15.88                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-17-432      | Clear                              | 25.40                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-101-432     | Clear                              | 6.35                  | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-8-432       | Clear                              | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-42-432      | Clear                              | 25.40                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-43-432      | Clear                              | 48.26                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-435: Metallised Polyester</b> |                 |                                    |                       |                        |                       |                           |                    |                          |                                   |
| ▲                                  | PTL-32-435      | Silver                             | -                     | -                      | -                     | 3.17                      | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-16-435      | Silver                             | 25.40                 | 9.53                   | -                     | 12.70                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-17-435      | Silver                             | 25.40                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-29-435      | Silver                             | 38.10                 | 12.70                  | -                     | 15.88                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-30-435      | Silver                             | 38.10                 | 19.05                  | -                     | 22.22                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-31-435      | Silver                             | 38.10                 | 25.40                  | -                     | 28.57                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-37-435      | Silver                             | 48.26                 | 76.20                  | -                     | 79.37                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-38-435      | Silver                             | 48.26                 | 101.60                 | -                     | 104.77                    | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-20-435      | Silver                             | 50.80                 | 25.40                  | -                     | 28.57                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-43-435      | Silver                             | 48.26                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |

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## ASSET & COMPONENT MARKING

### RATING AND NAME PLATE LABELS (CONTINUED)



| Diagram                            | Order Reference | Colour                          | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Labels<br>per Roll | Printer<br>Ribbon Series | Printer Compatibility             |
|------------------------------------|-----------------|---------------------------------|-----------------------|------------------------|-----------------------|---------------------------|--------------------|--------------------------|-----------------------------------|
| <b>B-483: Polyester</b>            |                 |                                 |                       |                        |                       |                           |                    |                          |                                   |
| ▲                                  | PTL-61-483      | White                           | 12.70                 | 50.80                  | -                     | 53.97                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-62-483      | White                           | 19.05                 | 101.60                 | -                     | 104.77                    | 50                 | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-63-483      | White                           | 19.05                 | 203.20                 | -                     | 206.37                    | 50                 | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-23-483      | White                           | 25.40                 | 101.60                 | -                     | 104.77                    | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-17-483      | White                           | 25.40                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-19-483      | White                           | 25.40                 | 25.40                  | -                     | 28.57                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-16-483      | White                           | 25.40                 | 9.53                   | -                     | 12.70                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ◐                                  | PTL-24-483-BK   | White with 1.6 mm Black Border  | 28.70                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-65-483      | White                           | 34.93                 | 25.40                  | -                     | 28.57                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-29-483      | White                           | 38.10                 | 12.70                  | -                     | 15.88                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-31-483      | White                           | 38.10                 | 25.40                  | -                     | 28.57                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-32-483      | White                           | 38.10                 | 38.10                  | -                     | 41.27                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-30-483      | White                           | 38.10                 | 19.05                  | -                     | 22.22                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-37-483      | White                           | 48.26                 | 76.20                  | -                     | 79.37                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-38-483      | White                           | 48.26                 | 101.60                 | -                     | 104.77                    | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-20-483      | White                           | 50.80                 | 25.40                  | -                     | 28.57                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-8-483       | White                           | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-100-483     | White                           | 33.02                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-486: Metallised Polyester</b> |                 |                                 |                       |                        |                       |                           |                    |                          |                                   |
| ▲                                  | PTL-16-486      | Silver                          | 25.40                 | 9.53                   | -                     | 12.70                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-17-486      | Silver                          | 25.40                 | 12.70                  | -                     | 15.87                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-19-486      | Silver                          | 25.40                 | 25.40                  | -                     | 28.57                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ◐                                  | PTL-24-486-BK   | Silver with 1.6 mm Black Border | 28.70                 | 12.70                  | -                     | 15.87                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-30-486      | Silver                          | 38.10                 | 19.05                  | -                     | 22.22                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-29-486      | Silver                          | 38.10                 | 12.70                  | -                     | 15.88                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-31-486      | Silver                          | 38.10                 | 25.40                  | -                     | 28.57                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-32-486      | Silver                          | 38.10                 | 38.10                  | -                     | 41.27                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-37-486      | Silver                          | 48.26                 | 76.20                  | -                     | 79.37                     | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-38-486      | Silver                          | 48.26                 | 101.60                 | -                     | 104.77                    | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-20-486      | Silver                          | 50.80                 | 25.40                  | -                     | 28.57                     | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-43-486      | Silver                          | -                     | -                      | 15.24                 | -                         | 1                  | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-489: Polyester</b>            |                 |                                 |                       |                        |                       |                           |                    |                          |                                   |
| ▲                                  | PTL-16-489      | White                           | 25.40                 | 9.53                   | -                     | 12.70                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-17-489      | White                           | 25.40                 | 12.70                  | -                     | 15.87                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-19-489      | White                           | 25.40                 | 25.40                  | -                     | 28.57                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-30-489      | White                           | 38.10                 | 19.05                  | -                     | 22.22                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-29-489      | White                           | 38.10                 | 12.70                  | -                     | 15.88                     | 500                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-31-489      | White                           | 38.10                 | 25.40                  | -                     | 28.57                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-32-489      | White                           | 38.10                 | 38.10                  | -                     | 41.27                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-37-489      | White                           | 48.26                 | 76.20                  | -                     | 79.37                     | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-38-489      | White                           | 48.26                 | 101.60                 | -                     | 104.77                    | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-20-489      | White                           | 50.80                 | 25.40                  | -                     | 28.57                     | 100                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-101-489     | White                           | 6.35                  | -                      | 15.24                 | -                         | 1                  | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-8-489       | White                           | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-42-489      | White                           | 25.40                 | -                      | 15.24                 | -                         | 1                  | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-100-489     | White                           | 33.02                 | -                      | 15.24                 | -                         | 1                  | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                                  | PTL-43-489      | White                           | 48.26                 | -                      | 15.24                 | -                         | 1                  | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-499: Nylon Cloth</b>          |                 |                                 |                       |                        |                       |                           |                    |                          |                                   |
| ▲                                  | PTL-81-499      | White                           | 48.26                 | 6.35                   | -                     | 9.52                      | 750                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                  | PTL-78-499      | White                           | 48.26                 | 25.40                  | -                     | 28.57                     | 250                | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |



## ASSET & COMPONENT MARKING



### PERMASHIELD™ LABELS

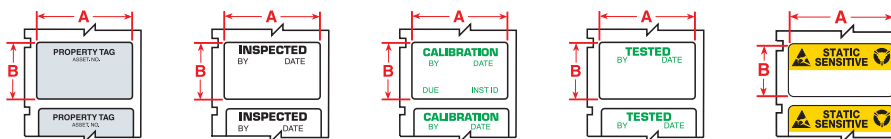
- These labels come with a separate overlaminate to be applied over the printed label.
- The label remains clear and easy-to-read, even in very harsh environments.
- The overlaminate extends outside of the label on each side when applied.

| Diagram | Order Reference                                                    | Colour | Label Width A (mm) | Label Height B (mm) | Overlamine Dimensions - Width (mm) | Overlamine Dimensions - Height (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------|--------------------------------------------------------------------|--------|--------------------|---------------------|------------------------------------|-------------------------------------|------------------------|-----------------|-----------------------|-----------------------------------|
|         | <b>B-422/B-966B: Polyester</b>                                     |        |                    |                     |                                    |                                     |                        |                 |                       |                                   |
|         | PTPSL-17-422                                                       | White  | 25.40              | 12.70               | 31.75                              | 19.05                               | 28.57                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | PTPSL-20-422                                                       | White  | 50.80              | 25.40               | 57.15                              | 31.75                               | 53.97                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | PTPSL-26-422                                                       | White  | 69.85              | 31.75               | 76.20                              | 38.10                               | 73.02                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | PTPSL-50-422                                                       | White  | 76.20              | 41.91               | 82.55                              | 48.26                               | 79.37                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | <b>B-424/B-966B: Paper with Polyester Overlamine</b>               |        |                    |                     |                                    |                                     |                        |                 |                       |                                   |
|         | PTPSL-17-424                                                       | White  | 25.40              | 12.70               | 31.75                              | 19.05                               | 28.57                  | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | PTPSL-20-424                                                       | White  | 50.80              | 25.40               | 57.15                              | 31.75                               | 53.97                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | <b>B-428/B-966: Metallised Polyester with Polyester Overlamine</b> |        |                    |                     |                                    |                                     |                        |                 |                       |                                   |
|         | PTPSL-17-428                                                       | Silver | 25.40              | 12.70               | 31.75                              | 19.05                               | 28.57                  | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | PTPSL-20-428                                                       | Silver | 50.80              | 25.40               | 57.15                              | 31.75                               | 53.97                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | PTPSL-26-428                                                       | Silver | 69.85              | 31.75               | 76.20                              | 38.10                               | 73.02                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
|         | PTPSL-50-428                                                       | Silver | 76.20              | 41.91               | 82.55                              | 48.26                               | 79.37                  | 100             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |



### PRE-PRINTED LABELS

- Printable labels with pre-printed headers allow customers to print variable information next to highly visible titles.



| Order Reference                            | Colour                  | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Legend                                                  | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|--------------------------------------------|-------------------------|--------------------|---------------------|------------------------|---------------------------------------------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-422: Polyester</b>                    |                         |                    |                     |                        |                                                         |                 |                       |                                   |
| PTL-35-422-PROP                            | Black on White          | 41.40              | 19.05               | 22.22                  | PROPERTY TAG                                            | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-423: Polyester</b>                    |                         |                    |                     |                        |                                                         |                 |                       |                                   |
| PTL-30-423-INSP                            | Black on White          | 19.05              | 38.10               | 41.27                  | INSPECTED BY                                            | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| PTL-30-423-CALI                            | Green on White          | 19.05              | 38.10               | 41.27                  | CALIBRATION                                             | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| PTL-30-423-TEST                            | Green on White          | 19.05              | 38.10               | 41.27                  | TESTED                                                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| PTL-35-423-PROP                            | Black on White          | 41.40              | 19.05               | 22.22                  | PROPERTY TAG                                            | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-428: Metallised Polyester</b>         |                         |                    |                     |                        |                                                         |                 |                       |                                   |
| PTL-30-428-CALI                            | Green on Silver         | 19.05              | 38.10               | 41.27                  | CALIBRATION                                             | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| PTL-35-428-PROP                            | Black on Silver         | 41.40              | 19.05               | 22.22                  | PROPERTY TAG                                            | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-473: Static Dissipative Polyester</b> |                         |                    |                     |                        |                                                         |                 |                       |                                   |
| PTLSL-17-473                               | Black on Yellow & White | 25.40              | 12.70               | 15.87                  | STATIC SENSITIVE (EIA Std. 471 & MIL Std. 129J symbols) | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |

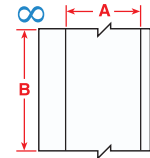
## ASSET & COMPONENT MARKING

### GENERAL INDUSTRIAL IDENTIFICATION

- Pliable vinyl that conforms well to smooth or rough surfaces such as walls, doors, panels, shelving and equipment. Excellent resistance to oils, detergents, dirt, grime and many solvents.



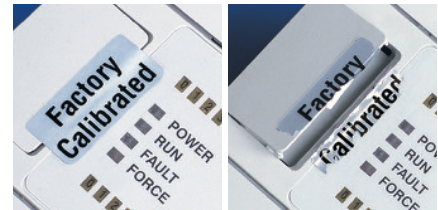
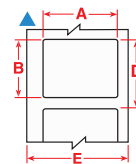
| Diagram             | Order Reference | Colour | Label Width A (mm) | Label Length B (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|---------------------|-----------------|--------|--------------------|---------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-439: Vinyl</b> |                 |        |                    |                     |                 |                       |                                   |
|                     | PTL-8-439-BK    | Black  | 12.70              | 15.24               | 1               | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-8-439-BL    | Blue   | 12.70              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-8-439-GN    | Green  | 12.70              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-8-439-OR    | Orange | 12.70              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-8-439-RD    | Red    | 12.70              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-8-439       | White  | 12.70              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-8-439-YL    | Yellow | 12.70              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-42-439-BK   | Black  | 25.40              | 15.24               | 1               | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-42-439-BL   | Blue   | 25.40              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-42-439-GR   | Green  | 25.40              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-42-439-OR   | Orange | 25.40              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-42-439-RD   | Red    | 25.40              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-42-439      | White  | 25.40              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-42-439-YL   | Yellow | 25.40              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-43-439-BK   | Black  | 48.26              | 15.24               | 1               | M61-R4410-WT          | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-43-439-BL   | Blue   | 48.26              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-43-439-GR   | Green  | 48.26              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-43-439-OR   | Orange | 48.26              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-43-439-RD   | Red    | 48.26              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-43-439      | White  | 48.26              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                     | PTL-43-439-YL   | Yellow | 48.26              | 15.24               | 1               | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |



## COMPONENT MARKING

### SECURITY IDENTIFICATION LABELS

- Tamper-resistant tape destructs into tiny fragments when being removed, makes any attempts to remove the label very difficult and time consuming.

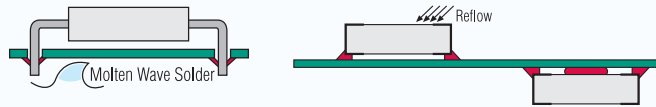


| Diagram                                            | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|----------------------------------------------------|-----------------|--------|--------------------|---------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-362: Tamper-resistant Metallised Vinyl</b>    |                 |        |                    |                     |                        |                 |                       |                                   |
|                                                    | PTL-17-362      | Silver | 25.40              | 12.70               | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-31-362      | Silver | 38.10              | 25.40               | 28.57                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-37-362      | Silver | 48.26              | 76.20               | 79.37                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-20-362      | Silver | 50.80              | 25.40               | 28.57                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-7351: Tamper-resistant Vinyl</b>              |                 |        |                    |                     |                        |                 |                       |                                   |
|                                                    | PTL-17-7351     | White  | 25.40              | 12.70               | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-31-7351     | White  | 38.10              | 25.40               | 28.57                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-37-351      | White  | 48.26              | 76.20               | 79.37                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-20-7351     | White  | 50.80              | 25.40               | 28.57                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-7546: Tamper-evident Polyester</b>            |                 |        |                    |                     |                        |                 |                       |                                   |
|                                                    | PTL-17-7546     | White  | 25.40              | 12.70               | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-31-7546     | White  | 38.10              | 25.40               | 28.57                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-20-7546     | White  | 50.80              | 25.40               | 28.57                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-7576: Tamper-evident Metallised Polyester</b> |                 |        |                    |                     |                        |                 |                       |                                   |
|                                                    | PTL-17-7576     | Silver | 25.40              | 12.70               | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-31-7576     | Silver | 38.10              | 25.40               | 28.57                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-37-7576     | Silver | 48.26              | 76.20               | 79.37                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
|                                                    | PTL-20-7576     | Silver | 50.80              | 25.40               | 28.57                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |

Full Material Properties on page 228



## THERMAL TRANSFER PRINTABLE PRODUCTS CIRCUIT BOARD PROCESS CHART



|                                                 | Through Hole Technology |        | Surface Mount Technology (SMT) | After Process |
|-------------------------------------------------|-------------------------|--------|--------------------------------|---------------|
|                                                 | Top                     | Bottom | Top or Bottom                  |               |
| B-717, B-718, B-719, B-724, B-727               | Yes                     | Yes    | Yes                            | Yes           |
| B-422, B-423, B-430, B-437, B-459, B-473, B-488 | Yes*                    | No     | No                             | Yes           |

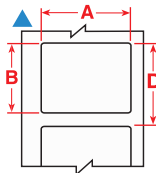
\*In extreme high temperature, testing of these materials is recommended

## CIRCUIT BOARD MARKING



### POLYESTER LABELS

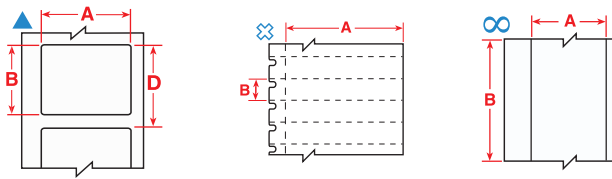
- Various types of high resistant polyester materials for relays, solenoids, PCB's, electronic components and more.



| Diagram                                    | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Label Length C (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series | Printer Compatibility             |
|--------------------------------------------|-----------------|--------|--------------------|---------------------|---------------------|------------------------|-----------------|-----------------------|-----------------------------------|
| <b>B-430: Polyester</b>                    |                 |        |                    |                     |                     |                        |                 |                       |                                   |
| ▲                                          | PTL-71-430      | Clear  | 8.89               | 5.08                | -                   | 8.25                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-7-430       | Clear  | 12.70              | 12.70               | -                   | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-6-430       | Clear  | 12.70              | 6.99                | -                   | 10.16                  | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-44-430      | Clear  | 12.70              | 9.53                | -                   | 12.70                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-437: Polyvinylfluoride</b>            |                 |        |                    |                     |                     |                        |                 |                       |                                   |
| ▲                                          | PTL-10-437      | White  | 19.05              | 6.35                | -                   | 9.52                   | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-15-437      | White  | 25.40              | 6.99                | -                   | 10.16                  | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-29-437      | White  | 38.10              | 12.70               | -                   | 15.87                  | 500             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-459: Polyester</b>                    |                 |        |                    |                     |                     |                        |                 |                       |                                   |
| ▲                                          | PTL-29-459      | White  | 38.10              | 12.70               | -                   | 15.88                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-30-459      | White  | 38.10              | 19.05               | -                   | 22.22                  | 250             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-20-459      | White  | 50.80              | 25.40               | -                   | 28.57                  | 100             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-473: Static Dissipative Polyester</b> |                 |        |                    |                     |                     |                        |                 |                       |                                   |
| ▲                                          | PTL-1-473       | White  | 6.35               | 6.35                | -                   | 9.52                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-5-473       | White  | 12.70              | 5.08                | -                   | 8.25                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-6-473       | White  | 12.70              | 6.99                | -                   | 10.16                  | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-9-473       | White  | 16.51              | 5.08                | -                   | 8.25                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-10-473      | White  | 19.05              | 6.35                | -                   | 9.52                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-16-473      | White  | 25.40              | 9.53                | -                   | 12.70                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-17-473      | White  | 25.40              | 12.70               | -                   | 15.87                  | 500             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-28-473      | White  | 38.10              | 6.35                | -                   | 9.52                   | 750             | M61-R6010             | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-488: Polyester</b>                    |                 |        |                    |                     |                     |                        |                 |                       |                                   |
| ▲                                          | PTL-80-488      | White  | 19.05              | 22.86               | -                   | 26.03                  | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-97-488      | White  | 22.86              | 22.86               | -                   | 26.03                  | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-81-488      | White  | 48.26              | 6.35                | -                   | 9.52                   | 750             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                                          | PTL-78-488      | White  | 48.26              | 25.40               | -                   | 28.58                  | 250             | M61-R4310             | BMP61; BMP71; TLS2200; TLSPC LINK |

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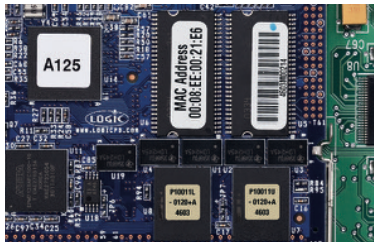
## POLYESTER LABELS (CONTINUED)



| Diagram                 | Order Reference | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Labels per<br>Roll | Printer<br>Ribbon Series | Printer Compatibility             |
|-------------------------|-----------------|--------|-----------------------|------------------------|-----------------------|---------------------------|--------------------|--------------------------|-----------------------------------|
| <b>B-422: Polyester</b> |                 |        |                       |                        |                       |                           |                    |                          |                                   |
| ⊗                       | PTL-39-422      | White  | 9.53                  | 15.24                  | -                     | -                         | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-5-422       | White  | 12.70                 | 5.08                   | -                     | 8.25                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-44-422      | White  | 12.70                 | 9.53                   | -                     | 12.70                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-7-422       | White  | 12.70                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-19-422      | White  | 25.40                 | 25.40                  | -                     | 28.57                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-22-422      | White  | 25.40                 | 76.20                  | -                     | 79.37                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-23-422      | White  | 25.40                 | 101.60                 | -                     | 104.77                    | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-17-422      | White  | 25.40                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-16-422      | White  | 25.40                 | 9.53                   | -                     | 12.70                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-29-422      | White  | 38.10                 | 12.70                  | -                     | 15.88                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-30-422      | White  | 38.10                 | 19.05                  | -                     | 22.22                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-32-422      | White  | 38.10                 | 38.10                  | -                     | 41.28                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-45-422      | White  | 38.10                 | 9.53                   | -                     | 12.70                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-37-422      | White  | 48.26                 | 76.20                  | -                     | 79.37                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-38-422      | White  | 48.26                 | 101.60                 | -                     | 104.77                    | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-20-422      | White  | 50.80                 | 25.40                  | -                     | 28.57                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-423: Polyester</b> |                 |        |                       |                        |                       |                           |                    |                          |                                   |
| ▲                       | PTL-1-423       | White  | 6.35                  | 6.35                   | -                     | 9.52                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-3-423       | White  | 9.53                  | 9.53                   | -                     | 12.70                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-4-423       | White  | 10.16                 | 10.16                  | -                     | 13.33                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-5-423       | White  | 12.70                 | 5.08                   | -                     | 8.25                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-6-423       | White  | 12.70                 | 6.99                   | -                     | 10.16                     | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-7-423       | White  | 12.70                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | BM71-7-423      | White  | 12.70                 | 12.70                  | -                     | 15.88                     | 5000               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-9-423       | White  | 16.51                 | 5.08                   | -                     | 8.25                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-13-423      | White  | 22.86                 | 6.35                   | -                     | 9.52                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-14-423      | White  | 25.40                 | 4.75                   | -                     | 7.92                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-15-423      | White  | 25.40                 | 6.99                   | -                     | 10.16                     | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-16-423      | White  | 25.40                 | 9.53                   | -                     | 12.70                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-17-423      | White  | 25.40                 | 12.70                  | -                     | 15.87                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-19-423      | White  | 25.40                 | 25.40                  | -                     | 28.57                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-22-423      | White  | 25.40                 | 76.20                  | -                     | 79.37                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-23-423      | White  | 25.40                 | 101.60                 | -                     | 104.77                    | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | BM71-17-423     | White  | 25.40                 | 12.70                  | -                     | 15.88                     | 5000               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | BM71-20-423     | White  | 25.40                 | 50.80                  | -                     | 53.98                     | 1000               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | BM71-16-423     | White  | 25.40                 | 9.53                   | -                     | 12.70                     | 5000               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-25-423      | White  | 31.75                 | 6.35                   | -                     | 9.52                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-26-423      | White  | 31.75                 | 69.85                  | -                     | 73.02                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-27-423      | White  | 38.10                 | 3.18                   | -                     | 6.35                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-28-423      | White  | 38.10                 | 6.35                   | -                     | 9.52                      | 750                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-29-423      | White  | 38.10                 | 12.70                  | -                     | 15.88                     | 500                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-31-423      | White  | 38.10                 | 25.40                  | -                     | 28.57                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-32-423      | White  | 38.10                 | 38.10                  | -                     | 41.27                     | 250                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | BM71-29-423     | White  | 38.10                 | 12.70                  | -                     | 15.88                     | 5000               | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-37-423      | White  | 48.26                 | 76.20                  | -                     | 79.37                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-38-423      | White  | 48.26                 | 101.60                 | -                     | 104.77                    | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-2-423       | White  | 50.80                 | 6.35                   | -                     | 9.52                      | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-20-423      | White  | 50.80                 | 25.40                  | -                     | 28.57                     | 100                | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ∞                       | PTL-8-423       | White  | 12.70                 | -                      | 15.24                 | -                         | 1                  | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |

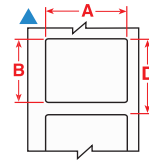


## CIRCUIT BOARD MARKING



## POLYIMIDE LABELS

- Various types of high resistant polyimide materials for relays, solenoids, PCB's and electronic components.

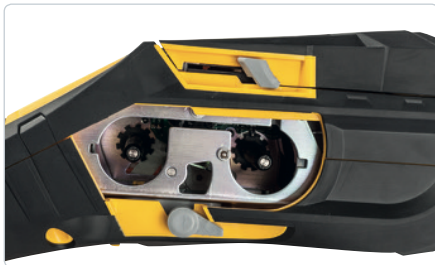


| Diagram                 | Order Reference | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Labels per Roll | Printer<br>Ribbon Series | Printer Compatibility             |
|-------------------------|-----------------|--------|-----------------------|------------------------|---------------------------|-----------------|--------------------------|-----------------------------------|
| <b>B-717: Polyimide</b> |                 |        |                       |                        |                           |                 |                          |                                   |
| ▲                       | PTL-1-717       | White  | 6.35                  | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-3-717       | White  | 9.53                  | 9.53                   | 12.70                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-9-717       | White  | 16.51                 | 5.08                   | 8.25                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-10-717      | White  | 19.05                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-14-717      | White  | 25.40                 | 4.75                   | 7.92                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-25-717      | White  | 31.75                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-27-717      | White  | 38.10                 | 3.18                   | 6.35                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-28-717      | White  | 38.10                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-2-717       | White  | 50.80                 | 6.35                   | 9.52                      | 100             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-718: Polyimide</b> |                 |        |                       |                        |                           |                 |                          |                                   |
| ▲                       | PTL-1-718       | White  | 6.35                  | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-3-718       | White  | 9.53                  | 9.53                   | 12.70                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-4-718       | White  | 10.16                 | 10.16                  | 13.33                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-6-718       | White  | 12.70                 | 6.99                   | 10.16                     | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-9-718       | White  | 16.51                 | 5.08                   | 8.25                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-10-718      | White  | 19.05                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-13-718      | White  | 22.86                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-14-718      | White  | 25.40                 | 4.75                   | 7.92                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-16-718      | White  | 25.40                 | 9.53                   | 12.70                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-28-718      | White  | 38.10                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-719: Polyimide</b> |                 |        |                       |                        |                           |                 |                          |                                   |
| ▲                       | PTL-4-719       | White  | 10.16                 | 10.16                  | 13.33                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-6-719       | White  | 12.70                 | 6.99                   | 10.16                     | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-9-719       | White  | 16.51                 | 5.08                   | 8.25                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-10-719      | White  | 19.05                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-13-719      | White  | 22.86                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-16-719      | White  | 25.40                 | 9.53                   | 12.70                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-17-719      | White  | 25.40                 | 12.70                  | 15.87                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-28-719      | White  | 38.10                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-724: Polyimide</b> |                 |        |                       |                        |                           |                 |                          |                                   |
| ▲                       | PTL-1-724       | Amber  | 6.35                  | 6.35                   | 9.52                      | 750             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-3-724       | Amber  | 9.53                  | 9.53                   | 12.70                     | 500             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-4-724       | Amber  | 10.16                 | 10.16                  | 13.33                     | 500             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-6-724       | Amber  | 12.70                 | 6.99                   | 10.16                     | 750             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-9-724       | Amber  | 16.51                 | 5.08                   | 8.25                      | 750             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-10-724      | Amber  | 19.05                 | 6.35                   | 9.52                      | 750             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-13-724      | Amber  | 22.86                 | 6.35                   | 9.52                      | 750             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-16-724      | Amber  | 25.40                 | 9.53                   | 12.70                     | 500             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-17-724      | Amber  | 25.40                 | 12.70                  | 15.87                     | 500             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-25-724      | Amber  | 31.75                 | 6.35                   | 9.52                      | 750             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-27-724      | Amber  | 38.10                 | 3.18                   | 6.35                      | 750             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-28-724      | Amber  | 38.10                 | 6.35                   | 9.52                      | 750             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-2-724       | Amber  | 50.80                 | 6.35                   | 9.52                      | 100             | M61-R4310                | BMP61; BMP71; TLS2200; TLSPC LINK |
| <b>B-727: Polyimide</b> |                 |        |                       |                        |                           |                 |                          |                                   |
| ▲                       | PTL-1-727       | White  | 6.35                  | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-3-727       | White  | 9.53                  | 9.53                   | 12.70                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-4-727       | White  | 10.16                 | 10.16                  | 13.33                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-6-727       | White  | 12.70                 | 6.99                   | 10.16                     | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-9-727       | White  | 16.51                 | 5.08                   | 8.25                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-10-727      | White  | 19.05                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-13-727      | White  | 22.86                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-14-727      | White  | 25.40                 | 4.75                   | 7.92                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-16-727      | White  | 25.40                 | 9.53                   | 12.70                     | 500             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-28-727      | White  | 38.10                 | 6.35                   | 9.52                      | 750             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |
| ▲                       | PTL-2-727       | White  | 50.80                 | 6.35                   | 9.52                      | 100             | M61-R6010                | BMP61; BMP71; TLS2200; TLSPC LINK |

Full Material Properties on page 228

All materials in the printer work with a series of M61 ribbons that easily fit into the printer. It is recommended to insert the ribbon before loading the consumable.

**WATCH THE HOW TO VIDEOS ON OUR BRADY YouTube CHANNEL.**



| Order Reference | Colour | Roll Width (mm) | Roll Length (m) | Notes / Details                                                               |
|-----------------|--------|-----------------|-----------------|-------------------------------------------------------------------------------|
| M61-R4310       | Black  | 50.80           | 22.80           | BMP61 R4300 Series : chemical, environmental and smear resistant Black Ribbon |
| M61-R4410-BL    | Blue   | 50.80           | 22.80           | BMP61 R4400 Series : high heat, scratch and solvent resistant Blue Ribbon     |
| M61-R4410-RD    | Red    | 50.80           | 22.80           | BMP61 R4400 Series : high heat, scratch and solvent resistant Red Ribbon      |
| M61-R4410-WT    | White  | 50.80           | 22.80           | BMP61 R4400 Series : high heat, scratch and solvent resistant White Ribbon    |
| M61-R6010       | Black  | 50.80           | 22.80           | BMP61 R6000 Series : high heat, scratch and solvent resistant Black Ribbon    |
| M61-R6210       | Black  | 50.80           | 22.80           | BMP61 R6200 Series : chemical, heat, scratch and smear resistant Black Ribbon |
| M61-R6410       | Black  | 50.80           | 22.80           | BMP61 R6400 Series : abrasion and chemical resistant Black Ribbon             |
| M61-R6610       | Black  | 50.80           | 22.80           | BMP61 R6600 Series : friction and solvent resistant Black Ribbon              |
| M61-R6710-WT    | White  | 50.80           | 22.80           | BMP61 R6700 Series : chemical resistant White Ribbon                          |
| M61-R6810-WT    | White  | 50.80           | 22.80           | BMP61 R6800 Series : scratch, smudge and solvent resistant White Ribbon       |

## Smart-Cell Technology



With smart-cell technology built into label rolls and ribbons, the printer is able to automatically format the label and place objects so that there is no guess work on your part. If the label material & ribbon are not compatible, the screen will show an error message.





## BMP™71 LABEL PRINTER

The BMP71 mobile label printer can print on more than 30 different types of label material – all designed with Brady's industrial-strength durability. Whether you need heat-shrink sleeves, die-cut labels or indoor/outdoor vinyl, you can be confident that the BMP71 printer has the right label material for your application.

### Speed up your labelling

The powerful BMP71 prints faster than any other printer in its class (38 mm/sec). Don't wait longer than necessary for your labels.

### The full keyboard lets you type labels in less time

The BMP71 has a full keyboard, available in 4 different versions: QWERTY, AZERTY, QWERTZ and CYRILLIC. Use both your hands to type your label instead of one finger and save time!

### The enlarged full colour screen makes your label printing so much easier

The enlarged screen of the BMP71 enables you to see the whole label at once, helping you to compose the label in the most efficient way, eliminating trial and error!

### One smart printer to print it all

The BMP71 is your essential tool that handles all your label printing needs.

## BMP™71 LABEL PRINTER

| Art. No. | Order Reference   | Description                                                         |
|----------|-------------------|---------------------------------------------------------------------|
| 710599   | BMP71-QWERTY-EU   | BMP71 Label Printer with QWERTY Keyboard - EU Power Supply - 220V   |
| 710600   | BMP71-QWERTY-UK   | BMP71 Label Printer with QWERTY keyboard - UK Power Supply - 240V   |
| 710601   | BMP71-AZERTY-EU   | BMP71 Label Printer with AZERTY Keyboard - EU Power Supply - 220V   |
| 710603   | BMP71-QWERTZ-EU   | BMP71 Label Printer with QWERTZ Keyboard - EU Power Supply - 220V   |
| 710604   | BMP71-CYRILLIC-EU | BMP71 Label Printer with CYRILLIC Keyboard - EU Power Supply - 220V |

Printer, Hard Carry Case, 2 Label Rolls, 1 Black Ribbon Cartridge, Rechargeable Battery Pack, AC Adaptor, USB Communications Cable, TLS2200® / HandiMark™ Material Roll Adaptor, Quick Start Guide, Product CD (w/ Printer Driver, Tutorials, Full User's Guide), Cleaning Kit

## BMP™71 ACCESSORIES

| Art. No. | Order Reference    | Description                     |
|----------|--------------------|---------------------------------|
| 710612   | M41/50/61/71-BC-EU | AC Adaptor - Europe 220V        |
| 710613   | M41-50-71-AC-BC-UK | AC Adaptor - UK 240V            |
| 114883   | M41-50-71-AC-BC-NA | AC Adaptor - USA 120V           |
| 114886   | M71-CLEAN          | Cleaning Kit                    |
| 114881   | M71-HC             | Hard-sided Carry Case           |
| 147998   | M71-ADAPT-BK       | Media Adaptor for BMP71 Printer |
| 710614   | M71-QC-EU          | Quick Charger - Europe 220V     |
| 710615   | M71-QC-UK          | Quick Charger - UK 240V         |
| 114884   | M71-QC-US          | Quick Charger - US 120V         |
| 114882   | M71-SC             | Soft Carry Case                 |
| 114885   | M71-BATT           | Spare Battery                   |



## The one way to faster, easier label printing.



Electrical Labelling



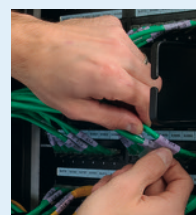
Voice & Data Communications



General Identification



PermaSleeve™ Wire Marking Sleeves



Self-laminating Labels



Safety Labels  
...and many more!



| Printer Specifications                  |                                                                                                                      |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Language Support                        | Danish, Dutch, English, Finnish, French, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Spanish, Swedish |
| Software Compatibility                  | Brady Workstation, LabelMark, MarkWare                                                                               |
| Bar Code Type                           | Code 39 and 128, other via software                                                                                  |
| Recommended Usage per Day               | 1000 50.8x25.4mm labels per day                                                                                      |
| Built-in Symbols                        | 500+ symbols included                                                                                                |
| Colour Capability                       | Monocolour                                                                                                           |
| Stand-alone Printing (Detached from PC) | Stand-alone & Peripheral                                                                                             |
| Connectivity Options                    | USB                                                                                                                  |
| Internal Memory Capacity                | 200 MB -up to 100,000 labels                                                                                         |
| Print Speed (mm/sec)                    | 38.10                                                                                                                |
| Print Technology                        | Thermal Transfer                                                                                                     |
| Print Resolution (dpi)                  | 300                                                                                                                  |
| Smart Cell                              | Yes                                                                                                                  |
| Text Sizes (pt)                         | 4 - 174 pt                                                                                                           |
| Serialisation                           | Simple & Simultaneous & Single Advanced & Multiple Advanced                                                          |
| Max. Label Width (mm)                   | 50.80 mm                                                                                                             |
| Max. Print Width (mm)                   | 45.97 mm                                                                                                             |
| Materials Supported                     | 400+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes                    |
| Keyboard Type                           | QWERTY, QWERTZ, AZERTY, CYRILLIC                                                                                     |
| Display                                 | Colour LCD Screen                                                                                                    |
| Cutter                                  | Manual cut<br>Between labels or at end of print job                                                                  |
| Power Supply                            | AC Adaptor<br>Rechargeable Battery                                                                                   |
| Height x Length x Width                 | 116.80 mm x 332.70 mm x 241.30 mm                                                                                    |
| Weight (kg)                             | 2.49 kg                                                                                                              |

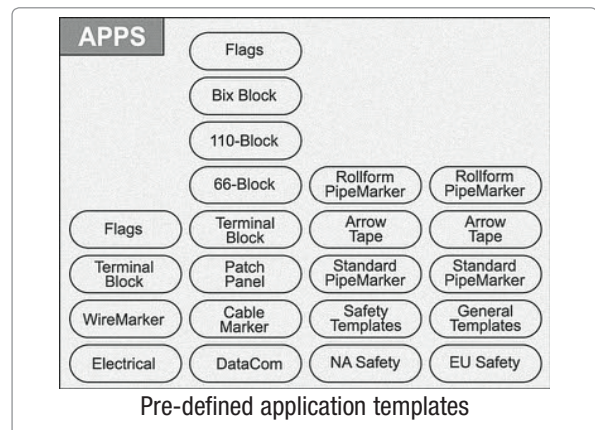
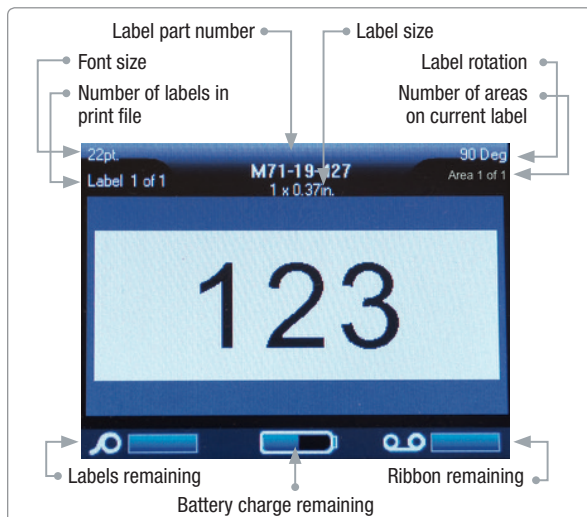
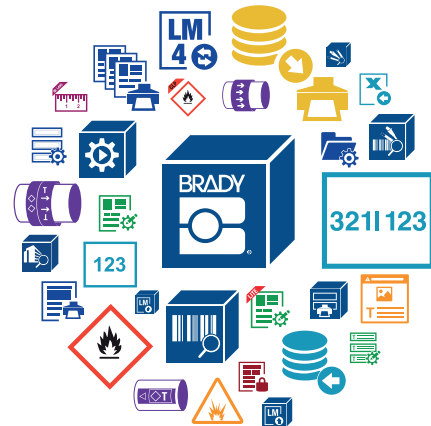
| Art. No. | Order Reference             | Description                                                         |
|----------|-----------------------------|---------------------------------------------------------------------|
| 710627   | BMP71-AZERTY-EU + LM        | BMP71 Label Printer - AZERTY with LabelMark Software                |
| 710628   | BMP71-CYRILLIC-EU + LM      | BMP71 Label Printer - CYRILLIC with LabelMark Software              |
| 710629   | BMP71-QWERTY-EU +LM         | BMP71 Label Printer - QWERTY EU with Label-Mark Software            |
| 710630   | BMP71-QWERTY-UK + LM        | BMP71 Label Printer - QWERTY UK with Label-Mark Software            |
| 710631   | BMP71-QWERTZ-EU + LM        | BMP71 Label Printer - QWERTZ with LabelMark Software                |
| 710632   | BMP71-AZERTY-EU + MW        | BMP71 Label Printer - AZERTY with MarkWare Software                 |
| 710633   | BMP71-CYRILLIC-EU + MW      | BMP71 Label Printer - CYRILLIC with MarkWare Software               |
| 710634   | BMP71-QWERTY-EU + MW        | BMP71 Label Printer - QWERTY EU with MarkWare Software              |
| 710635   | BMP71-QWERTY-UK + MW        | BMP71 Label Printer - QWERTY UK with MarkWare Software              |
| 710636   | BMP71-QWERTZ-EU + MW        | BMP71 Label Printer - QWERTZ with MarkWare Software                 |
| 710637   | BMP71-AZERTY-EU + LM + MW   | BMP71 Label Printer - AZERTY with LabelMark & MarkWare Software     |
| 710638   | BMP71-CYRILLIC-EU + LM + MW | BMP71 Label Printer - CYRILLIC with LabelMark & MarkWare Software   |
| 710639   | BMP71-QWERTY-EU + LM + MW   | BMP71 Label Printer - QWERTY EU with Label-Mark & MarkWare Software |
| 710640   | BMP71-QWERTY-UK + LM + MW   | BMP71 Label Printer - QWERTY UK with Label-Mark & MarkWare Software |
| 710641   | BMP71-QWERTZ-EU + LM + MW   | BMP71 Label Printer - QWERTZ with LabelMark & MarkWare Software     |

For more information about LabelMark and MarkWare, please see page 22-23.

## BRADY WORKSTATION

Brady Workstation offers professional, intuitive apps to design quality product and cable labels and safety signs. With Brady Workstation label design becomes easier, faster and quickly adaptable to new label norms thanks to centralised updates.

For more information about Brady Workstation, please see page 16.





# BMP71 Materials - General and Industrial ID Labels



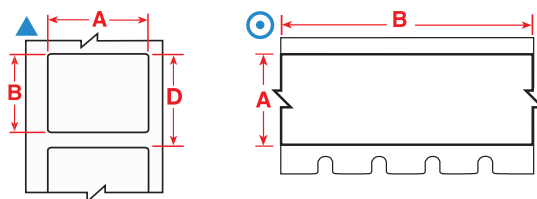
## How to read an order reference: example M-31-427-YL

**M** - **31** - **427** - **YL**  
M: Die-cut label Label size code Brady material Optional colour  
MC: Continuous label number (B-number)



## GENERAL INDUSTRIAL LABELS

- Choose from several materials with aggressive adhesives for use in commercial/ industrial applications, including low surface energy and textured surfaces.
- Pliable vinyl that conforms well to smooth or rough surfaces such as walls, doors, panels, shelving and equipment. Excellent resistance to oils, detergents, dirt, grime and many solvents.



| Diagram          | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|------------------|-----------------|--------|--------|--------------------|---------------------|--------------------|------------------------|-----------------|-----------------------|
| B-422: Polyester |                 |        |        |                    |                     |                    |                        |                 |                       |
| ▲                | BM71-20-422     | White  | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 1000            | M71-R6000HF           |
| ▲                | M71-30-422      | White  | Gloss  | 38.10              | 19.05               |                    | 22.23                  | 250             | M71-R6000HF           |
| ▲                | M71-45-422      | White  | Gloss  | 38.10              | 9.53                |                    | 12.70                  | 500             | M71-R6000HF           |
| ▲                | M71-37-422      | White  | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100             | M71-R6000HF           |
| ⊙                | M71C-375-422    | White  | Gloss  | 9.53               | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙                | M71C-475-422    | White  | Gloss  | 12.07              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙                | M71C-500-422    | White  | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙                | M71C-625-422    | White  | Gloss  | 15.88              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙                | M71C-1000-422   | White  | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙                | M71C-1900-422   | White  | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| B-430: Polyester |                 |        |        |                    |                     |                    |                        |                 |                       |
| ⊙                | M71C-375-430    | Clear  | Gloss  | 9.53               | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙                | M71C-1000-430   | Clear  | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙                | M71C-1900-430   | Clear  | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| B-483: Polyester |                 |        |        |                    |                     |                    |                        |                 |                       |
| ▲                | M71-16-483      | White  | Gloss  | 25.40              | 9.53                |                    | 12.70                  | 500             | M71-R6000HF           |
| ▲                | M71-19-483      | White  | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 250             | M71-R6000HF           |
| ▲                | M71-23-483      | White  | Gloss  | 25.40              | 101.60              |                    | 104.78                 | 100             | M71-R6000HF           |
| ▲                | M71-17-483      | White  | Gloss  | 25.40              | 12.70               |                    | 15.88                  | 500             | M71-R6000HF           |
| ▲                | M71-20-483      | White  | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 100             | M71-R6000HF           |
| ▲                | M71-29-483      | White  | Gloss  | 38.10              | 12.70               |                    | 15.88                  | 500             | M71-R6000HF           |

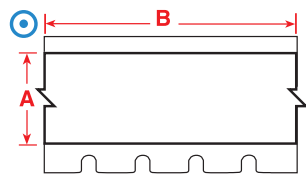
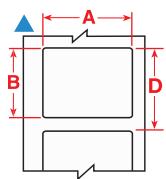
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Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.

Full Material Properties on page 228

## GENERAL INDUSTRIAL LABELS (CONTINUED)



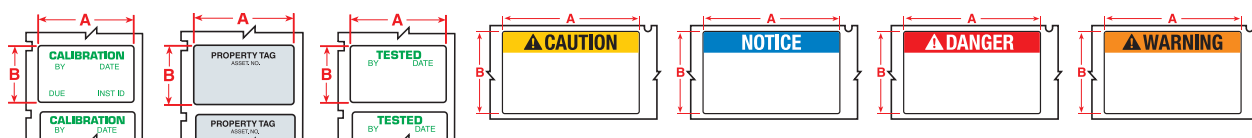
| Diagram      | Order Reference  | Colour     | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|--------------|------------------|------------|--------|--------------------|---------------------|--------------------|------------------------|-----------------|-----------------------|
| B-595: Vinyl |                  |            |        |                    |                     |                    |                        |                 |                       |
| ⊙            | M71C-500-595-TN  | Beige      | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-BK  | Black      | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R4400-WT          |
| ⊙            | M71C-500-595-BL  | Blue       | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-BR  | Brown      | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-CL  | Clear      | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-GD  | Gold       | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-GN  | Green      | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-GY  | Grey       | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-LB  | Light Blue | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-OC  | Ochre      | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-OR  | Orange     | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-PK  | Pink       | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-PL  | Purple     | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-RD  | Red        | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-SB  | Sky Blue   | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-WT  | White      | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-500-595-YL  | Yellow     | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-TN | Beige      | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-BK | Black      | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R4400-WT          |
| ⊙            | M71C-1000-595-BL | Blue       | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-BR | Brown      | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-CL | Clear      | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-GD | Gold       | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-GN | Green      | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-GY | Grey       | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-LB | Light Blue | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-OC | Ochre      | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-OR | Orange     | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-PK | Pink       | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-PL | Purple     | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-RD | Red        | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-SB | Sky Blue   | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-WT | White      | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-1000-595-YL | Yellow     | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-TN | Beige      | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-BK | Black      | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R4400-WT          |
| ⊙            | M71C-2000-595-BL | Blue       | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-BR | Brown      | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-CL | Clear      | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-GD | Gold       | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-GN | Green      | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-GY | Grey       | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-LB | Light Blue | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-OC | Ochre      | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-OR | Orange     | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-PK | Pink       | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-PL | Purple     | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-RD | Red        | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-SB | Sky Blue   | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-WT | White      | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ⊙            | M71C-2000-595-YL | Yellow     | Gloss  | 50.80              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |

**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

# BMP71 Materials - General and Industrial ID Labels

## PRE-PRINTED LABELS

- BMP71 printable labels with pre-printed headers allow customers to print variable information next to highly visible titles.

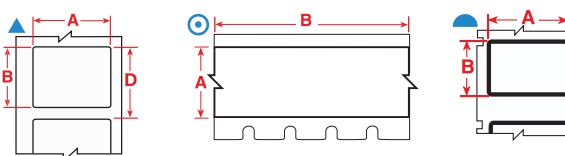


| Order Reference                    | Legend       | Colour                  | Finish | Label Width A (mm) | Label Height B (mm) | Repeat (mm) | Labels per Roll | Printer Ribbon Series |
|------------------------------------|--------------|-------------------------|--------|--------------------|---------------------|-------------|-----------------|-----------------------|
| <b>B-428: Metallised Polyester</b> |              |                         |        |                    |                     |             |                 |                       |
| M71-30-428-CALI                    | CALIBRATION  | Green on Silver         | Matt   | 38.10              | 19.05               | 22.23       | 250             | M71-R4300             |
| M71-35-428-PROP                    | PROPERTY TAG | Black on Silver         | Matt   | 41.40              | 19.05               | 22.23       | 250             | M71-R4300             |
| <b>B-423: Polyester</b>            |              |                         |        |                    |                     |             |                 |                       |
| M71-30-423-TEST                    | TESTED       | Green on White          | Gloss  | 38.10              | 19.05               | 22.23       | 250             | M71-R6000HF           |
| <b>B-483: Polyester</b>            |              |                         |        |                    |                     |             |                 |                       |
| M71-38-483-CAUT                    | CAUTION      | Black on Yellow & White | Gloss  | 48.26              | 101.60              | 104.78      | 100             | M71-R6000HF           |
| M71-38-483-NOTI                    | NOTICE       | Blue on White           | Gloss  | 48.26              | 101.60              | 104.78      | 100             | M71-R6000HF           |
| M71-38-483-DANG                    | DANGER       | Red & White             | Gloss  | 48.26              | 101.60              | 104.78      | 100             | M71-R6000HF           |
| M71-38-483-WARN                    | WARNING      | Black & Orange on White | Gloss  | 48.26              | 101.60              | 104.78      | 100             | M71-R6000HF           |

## RATING, NAMEPLATE LABELS



- Choose from several materials with aggressive adhesives for use in commercial/ industrial applications, including low surface energy and textured surfaces.



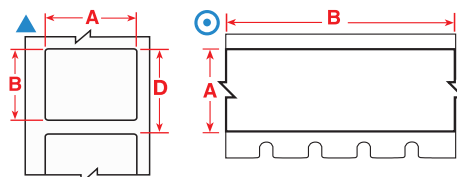
| Diagram                 | Order Reference | Colour                         | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon Series |
|-------------------------|-----------------|--------------------------------|--------|--------------------|---------------------|--------------------|------------------------|---------------------------|-----------------------|
| <b>B-422: Polyester</b> |                 |                                |        |                    |                     |                    |                        |                           |                       |
| ▲                       | M71-30-422      | White                          | Gloss  | 38.10              | 19.05               |                    | 22.23                  | 250                       | M71-R6000HF           |
| ▲                       | M71-37-422      | White                          | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF           |
| ○                       | M71C-375-422    | White                          | Gloss  | 9.53               | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| ○                       | M71C-475-422    | White                          | Gloss  | 12.07              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| ○                       | M71C-625-422    | White                          | Gloss  | 15.88              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| ○                       | M71C-1000-422   | White                          | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| ○                       | M71C-1900-422   | White                          | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| <b>B-423: Polyester</b> |                 |                                |        |                    |                     |                    |                        |                           |                       |
| ▲                       | M71-22-423      | White                          | Gloss  | 25.40              | 76.20               |                    | 79.38                  | 100                       | M71-R6000HF           |
| ▲                       | M71-23-423      | White                          | Gloss  | 25.40              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF           |
| ▲                       | BM71-19-423     | White                          | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 2500                      | R6000HF               |
| ▲                       | M71-19-423      | White                          | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 250                       | M71-R6000HF           |
| ◐                       | M71-24-423-BK   | White with 1.6 mm Black Border | Gloss  | 28.70              | 12.70               |                    | 15.88                  | 500                       | M71-R6000HF           |
| ▲                       | M71-25-423      | White                          | Gloss  | 31.75              | 6.35                |                    | 9.53                   | 750                       | M71-R6000HF           |
| ▲                       | M71-26-423      | White                          | Gloss  | 31.75              | 69.85               |                    | 73.03                  | 100                       | M71-R6000HF           |
| ▲                       | M71-31-423      | White                          | Gloss  | 38.10              | 25.40               |                    | 28.58                  | 250                       | M71-R6000HF           |
| ▲                       | M71-38-423      | White                          | Gloss  | 48.26              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF           |
| ▲                       | M71-37-423      | White                          | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF           |
| ○                       | M71C-500-423    | White                          | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| <b>B-430: Polyester</b> |                 |                                |        |                    |                     |                    |                        |                           |                       |
| ○                       | M71C-375-430    | Clear                          | Gloss  | 9.53               | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| ○                       | M71C-1000-430   | Clear                          | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| ○                       | M71C-1900-430   | Clear                          | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| <b>B-483: Polyester</b> |                 |                                |        |                    |                     |                    |                        |                           |                       |
| ▲                       | M71-16-483      | White                          | Gloss  | 25.40              | 9.53                |                    | 12.70                  | 500                       | M71-R6000HF           |
| ▲                       | M71-19-483      | White                          | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 250                       | M71-R6000HF           |
| ▲                       | M71-23-483      | White                          | Gloss  | 25.40              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF           |
| ▲                       | M71-17-483      | White                          | Gloss  | 25.40              | 12.70               |                    | 15.88                  | 500                       | M71-R6000HF           |
| ▲                       | M71-20-483      | White                          | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 100                       | M71-R6000HF           |
| ▲                       | M71-29-483      | White                          | Gloss  | 38.10              | 12.70               |                    | 15.88                  | 500                       | M71-R6000HF           |
| ▲                       | M71-30-483      | White                          | Gloss  | 38.10              | 19.05               |                    | 22.23                  | 250                       | M71-R6000HF           |
| ▲                       | M71-38-483      | White                          | Gloss  | 48.26              | 101.60              |                    | 104.78                 | 100                       | M71-R6000HF           |
| ▲                       | M71-37-483      | White                          | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R6000HF           |
| ○                       | M71C-500-483    | White                          | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| ○                       | M71C-1000-483   | White                          | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |
| ○                       | M71C-1900-483   | White                          | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1                         | M71-R6000HF           |

**i** Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.

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Full Material Properties on page 228

## RATING, NAMEPLATE LABELS (CONTINUED)



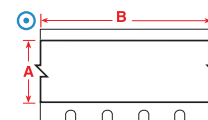
| Diagram                            | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon Series |
|------------------------------------|-----------------|--------|--------|--------------------|---------------------|--------------------|------------------------|---------------------------|-----------------------|
| <b>B-488: Polyester</b>            |                 |        |        |                    |                     |                    |                        |                           |                       |
| ▲                                  | M71-80-488      | White  | Matt   | 19.05              | 22.86               |                    | 28.58                  | 250                       | M71-R4300             |
| ▲                                  | M71-97-488      | White  | Matt   | 22.86              | 22.86               |                    | 28.58                  | 250                       | M71-R4300             |
| ▲                                  | M71-81-488      | White  | Matt   | 48.26              | 6.35                |                    | 9.53                   | 750                       | M71-R4300             |
| <b>B-489: Polyester</b>            |                 |        |        |                    |                     |                    |                        |                           |                       |
| ▲                                  | M71-17-489      | White  | Matt   | 25.40              | 12.70               |                    | 15.88                  | 500                       | M71-R6200             |
| ▲                                  | M71-29-489      | White  | Matt   | 38.10              | 12.70               |                    | 15.88                  | 500                       | M71-R6200             |
| ▲                                  | M71-38-489      | White  | Matt   | 48.26              | 101.60              |                    | 104.78                 | 100                       | M71-R6200             |
| <b>B-424: Paper</b>                |                 |        |        |                    |                     |                    |                        |                           |                       |
| ▲                                  | M71-20-424      | White  | Matt   | 25.40              | 50.80               |                    | 53.98                  | 100                       | M71-R4300             |
| ▲                                  | BM71-20-424     | White  | Matt   | 25.40              | 50.80               |                    | 53.98                  | 1000                      | R4300                 |
| <b>B-499: Nylon Cloth</b>          |                 |        |        |                    |                     |                    |                        |                           |                       |
| ▲                                  | M71-84-499      | White  | Matt   | 22.86              | 12.70               |                    | 15.88                  | 500                       | M71-R4300             |
| ▲                                  | M71-30-499      | White  | Matt   | 38.10              | 19.05               |                    | 22.23                  | 250                       | M71-R4300             |
| ▲                                  | M71-78-499      | White  | Matt   | 48.26              | 25.40               |                    | 28.58                  | 250                       | M71-R4300             |
| ▲                                  | M71-81-499      | White  | Matt   | 48.26              | 6.35                |                    | 9.53                   | 750                       | M71-R4300             |
| <b>B-428: Metallised Polyester</b> |                 |        |        |                    |                     |                    |                        |                           |                       |
| ▲                                  | M71-17-428      | Silver | Matt   | 25.40              | 12.70               |                    | 15.88                  | 500                       | M71-R4300             |
| ▲                                  | M71-20-428      | Silver | Matt   | 25.40              | 50.80               |                    | 53.98                  | 100                       | M71-R4300             |
| ▲                                  | M71-22-428      | Silver | Matt   | 25.40              | 76.20               |                    | 79.38                  | 100                       | M71-R4300             |
| ▲                                  | BM71-17-428     | Silver | Matt   | 25.40              | 12.70               |                    | 15.88                  | 5000                      | R4300                 |
| ▲                                  | BM71-20-428     | Silver | Matt   | 25.40              | 50.80               |                    | 53.98                  | 1000                      | R4300                 |
| ▲                                  | M71-26-428      | Silver | Matt   | 31.75              | 69.85               |                    | 73.03                  | 100                       | M71-R4300             |
| ▲                                  | M71-29-428      | Silver | Matt   | 38.10              | 12.70               |                    | 15.88                  | 500                       | M71-R4300             |
| ▲                                  | M71-38-428      | Silver | Matt   | 48.26              | 101.60              |                    | 104.78                 | 100                       | M71-R4300             |
| ⊙                                  | M71C-500-428    | Silver | Matt   | 12.70              | –                   | 15.24 m            | –                      | 1                         | M71-R4300             |
| <b>B-486: Metallised Polyester</b> |                 |        |        |                    |                     |                    |                        |                           |                       |
| ▲                                  | M71-17-486      | Silver | Matt   | 25.40              | 12.70               |                    | 15.88                  | 500                       | M71-R4300             |
| ▲                                  | M71-20-486      | Silver | Matt   | 25.40              | 50.80               |                    | 53.98                  | 100                       | M71-R4300             |
| ▲                                  | M71-29-486      | Silver | Matt   | 38.10              | 12.70               |                    | 15.88                  | 500                       | M71-R4300             |
| ▲                                  | M71-30-486      | Silver | Matt   | 38.10              | 19.05               |                    | 22.23                  | 250                       | M71-R4300             |
| ▲                                  | M71-37-486      | Silver | Matt   | 76.20              | 48.26               |                    | 79.38                  | 100                       | M71-R4300             |



## REPOSITIONABLE VINYL

- Best choice for indoor marking where frequent repositioning is required, such as shelves. Special adhesive allows easy removal of label to re-apply again and again.

| Diagram             | Order Reference  | Colour | Finish | Label Width A (mm) | Label Length B (m) | Printer Ribbon Series |
|---------------------|------------------|--------|--------|--------------------|--------------------|-----------------------|
| <b>B-581: Vinyl</b> |                  |        |        |                    |                    |                       |
| ⊙                   | M71C-500-581-WT  | White  | Gloss  | 12.70              | 15.24 m            | M71-R6000HF           |
| ⊙                   | M71C-500-581-YL  | Yellow | Gloss  | 12.70              | 15.24 m            | M71-R6000HF           |
| ⊙                   | M71C-1000-581-WT | White  | Gloss  | 25.40              | 15.24 m            | M71-R6000HF           |
| ⊙                   | M71C-1000-581-YL | Yellow | Gloss  | 25.40              | 15.24 m            | M71-R6000HF           |
| ⊙                   | M71C-2000-581-WT | White  | Gloss  | 50.80              | 15.24 m            | M71-R6000HF           |
| ⊙                   | M71C-2000-581-YL | Yellow | Gloss  | 50.80              | 15.24 m            | M71-R6000HF           |



**i** Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.



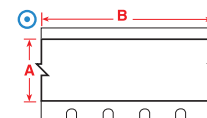
# BMP71 Materials - General and Industrial ID Labels



## REFLECTIVE VINYL

- The reflective quality of this material makes it ideal for reading labels in low light conditions (with flashlights).

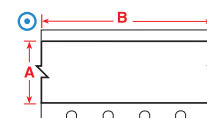
| Diagram                | Order Reference   | Colour | Finish | Label Width A (mm) | Label Length B (m) | Printer Ribbon Series |
|------------------------|-------------------|--------|--------|--------------------|--------------------|-----------------------|
| B-584: Reflective Tape |                   |        |        |                    |                    |                       |
|                        | BM71C-1000-584-OR | Orange | Gloss  | 25.40              | 22.86 m            | M71-R6000HF           |
|                        | BM71C-1000-584-WT | White  | Gloss  | 25.40              | 22.86 m            | M71-R6000HF           |
|                        | BM71C-1000-584-YL | Yellow | Gloss  | 25.40              | 22.86 m            | M71-R6000HF           |
|                        | BM71C-2000-584-OR | Orange | Gloss  | 50.80              | 22.86 m            | M71-R6000HF           |
|                        | BM71C-2000-584-WT | White  | Gloss  | 50.80              | 22.86 m            | M71-R6000HF           |
|                        | BM71C-2000-584-YL | Yellow | Gloss  | 50.80              | 22.86 m            | M71-R6000HF           |



## PHOTOLUMINESCENT POLYESTER TAPES

- Glow-in-the-dark material. Ideal for exit and directional signs, identification of fire alarms and extinguishers, low location egress pathway markings, and directional systems for escape or evacuation routes.

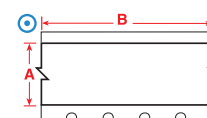
| Diagram                         | Order Reference | Colour           | Finish | Label Width A (mm) | Label Length B (m) | Printer Ribbon Series |
|---------------------------------|-----------------|------------------|--------|--------------------|--------------------|-----------------------|
| B-582: Phosphorescent Polyester |                 |                  |        |                    |                    |                       |
|                                 | BM71C-1000-582  |                  | Gloss  | 25.40              | 22.86 m            | M71-R6000HF           |
|                                 | BM71C-2000-582  | Photoluminescent | Gloss  | 50.80              | 22.86 m            | M71-R6000HF           |



## TOUGHSTRIPE™ AREA MARKING TAPE

- Create custom-printed floor labels, with easy 3-step process: print label, position on floor, apply overlaminate.
- Each kit includes 1 roll of B-483 tape and 1 roll of B-634 overlaminate.

| Diagram                                            | Order Reference    | Colour | Finish | Label Width A (mm) | Label Length B (m) | Printer Ribbon Series |
|----------------------------------------------------|--------------------|--------|--------|--------------------|--------------------|-----------------------|
| B-483/B-634: Polyester with Polyester Overlaminate |                    |        |        |                    |                    |                       |
|                                                    | M71-1000-483-BK-KT | Black  | Gloss  | 25.40              | 15.24 m            | M71-R4400-WT          |
|                                                    | M71-1000-483-BL-KT | Blue   | Gloss  | 25.40              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-1000-483-GN-KT | Green  | Gloss  | 25.40              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-1000-483-OR-KT | Orange | Gloss  | 25.40              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-1000-483-RD-KT | Red    | Gloss  | 25.40              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-1000-483-WT-KT | White  | Gloss  | 25.40              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-1000-483-YL-KT | Yellow | Gloss  | 25.40              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-2000-483-BK-KT | Black  | Gloss  | 50.80              | 15.24 m            | M71-R4400-WT          |
|                                                    | M71-2000-483-BL-KT | Blue   | Gloss  | 50.80              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-2000-483-GN-KT | Green  | Gloss  | 50.80              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-2000-483-OR-KT | Orange | Gloss  | 50.80              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-2000-483-RD-KT | Red    | Gloss  | 50.80              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-2000-483-WT-KT | White  | Gloss  | 50.80              | 15.24 m            | M71-R6000HF           |
|                                                    | M71-2000-483-YL-KT | Yellow | Gloss  | 50.80              | 15.24 m            | M71-R6000HF           |

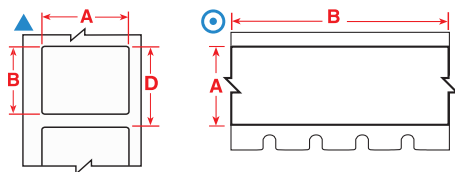


**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 228

## WRAP AROUND LABELS

- Durable vinyl or nylon cloth wraps around wires and cables. These markers are available with either an adhesive that allows the markers to be removed cleanly and reapplied if necessary (vinyl) or made with a permanent adhesive (nylon).



| Diagram            | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series |
|--------------------|-----------------|--------|--------------------|---------------------|--------------------|------------------------|-------------------------|-----------------|-----------------------|
| B-498: Vinyl Cloth |                 |        |                    |                     |                    |                        |                         |                 |                       |
| ▲                  | M71-16-498      | White  | 9.53               | 25.40               | —                  | 12.70                  | 6.06                    | 500             | M71-R6200             |
| ▲                  | M71-7-498       | White  | 12.70              | 12.70               | —                  | 15.88                  | 3.03                    | 500             | M71-R6200             |
| ▲                  | M71-10-498      | White  | 19.05              | 6.35                | —                  | 9.53                   | 4.55                    | 750             | M71-R6200             |
| ▲                  | BM71-11-498     | White  | 19.05              | 12.70               | —                  | 15.88                  | 4.55                    | 5000            | R6200                 |
| ▲                  | M71-11-498      | White  | 19.05              | 12.70               | —                  | 15.88                  | 4.55                    | 500             | M71-R6200             |
| ▲                  | M71-17-498      | White  | 25.40              | 12.70               | —                  | 15.88                  | 6.06                    | 500             | M71-R6200             |
| ▲                  | M71-18-498      | White  | 25.40              | 19.05               | —                  | 22.23                  | 6.06                    | 250             | M71-R6200             |
| ▲                  | M71-19-498      | White  | 25.40              | 25.40               | —                  | 28.58                  | 6.06                    | 250             | M71-R6200             |
| ▲                  | M71-21-498      | White  | 25.40              | 63.50               | —                  | 66.68                  | 15.60                   | 100             | M71-R6200             |
| ▲                  | BM71-18-498     | White  | 25.40              | 19.05               | —                  | 22.23                  | 6.06                    | 2500            | R6200                 |
| ▲                  | BM71-19-498     | White  | 25.40              | 25.40               | —                  | 28.58                  | 6.06                    | 2500            | R6200                 |
| ▲                  | M71-29-498      | White  | 38.10              | 12.70               | —                  | 15.88                  | 9.10                    | 500             | M71-R6200             |
| ▲                  | M71-30-498      | White  | 38.10              | 19.05               | —                  | 22.23                  | 9.10                    | 250             | M71-R6200             |
| ▲                  | M71-31-498      | White  | 38.10              | 25.40               | —                  | 28.58                  | 9.10                    | 250             | M71-R6200             |
| ▲                  | M71-32-498      | White  | 38.10              | 38.10               | —                  | 41.28                  | 9.10                    | 250             | M71-R6200             |
| ▲                  | M71-33-498      | White  | 38.10              | 101.60              | —                  | 104.78                 | 24.26                   | 100             | M71-R6200             |
| ▲                  | BM71-29-498     | White  | 38.10              | 12.70               | —                  | 15.88                  | 9.10                    | 5000            | R6200                 |
| ○                  | M71C-500-498    | White  | 12.70              | —                   | 9.10 m             | —                      | —                       | 1               | M71-R6200             |
| ○                  | M71C-1000-498   | White  | 25.40              | —                   | 9.10 m             | —                      | —                       | 1               | M71-R6200             |
| ○                  | M71C-1900-498   | White  | 48.26              | —                   | 9.10 m             | —                      | —                       | 1               | M71-R6200             |
| B-499: Nylon Cloth |                 |        |                    |                     |                    |                        |                         |                 |                       |
| ▲                  | M71-16-499      | White  | 9.53               | 25.40               | —                  | 12.70                  | 6.06                    | 500             | M71-R4300             |
| ▲                  | M71-7-499       | White  | 12.70              | 12.70               | —                  | 15.88                  | 3.03                    | 500             | M71-R4300             |
| ▲                  | BM71-11-499     | White  | 19.05              | 12.70               | —                  | 15.88                  | 4.55                    | 5000            | R4310                 |
| ▲                  | M71-11-499      | White  | 19.05              | 12.70               | —                  | 15.88                  | 4.55                    | 500             | M71-R4300             |
| ▲                  | M71-84-499      | White  | 22.86              | 12.70               | —                  | 15.88                  | 6.06                    | 500             | M71-R4300             |
| ▲                  | M71-18-499      | White  | 25.40              | 19.05               | —                  | 22.23                  | 6.06                    | 250             | M71-R4300             |
| ▲                  | M71-19-499      | White  | 25.40              | 25.40               | —                  | 28.58                  | 6.06                    | 250             | M71-R4300             |
| ▲                  | M71-21-499      | White  | 25.40              | 63.50               | —                  | 66.68                  | 15.60                   | 100             | M71-R4300             |
| ▲                  | M71-29-499      | White  | 38.10              | 12.70               | —                  | 15.88                  | 9.10                    | 500             | M71-R4300             |
| ▲                  | M71-30-499      | White  | 38.10              | 19.05               | —                  | 22.23                  | 9.10                    | 250             | M71-R4300             |
| ▲                  | M71-31-499      | White  | 38.10              | 25.40               | —                  | 28.58                  | 9.10                    | 250             | M71-R4300             |
| ▲                  | M71-28-499      | White  | 38.10              | 6.35                | —                  | 9.53                   | 9.10                    | 750             | M71-R4300             |
| ▲                  | M71-78-499      | White  | 48.26              | 25.40               | —                  | 28.58                  | 10.00                   | 250             | M71-R4300             |
| ▲                  | M71-81-499      | White  | 48.26              | 6.35                | —                  | 9.53                   | 10.00                   | 750             | M71-R4300             |
| ○                  | M71C-500-499    | White  | 12.70              | —                   | 9.10 m             | —                      | —                       | 1               | M71-R4300             |
| ○                  | M71C-1000-499   | White  | 25.40              | —                   | 9.10 m             | —                      | —                       | 1               | M71-R4300             |
| ○                  | M71C-1900-499   | White  | 48.26              | —                   | 9.10 m             | —                      | —                       | 1               | M71-R4300             |

**i** Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.

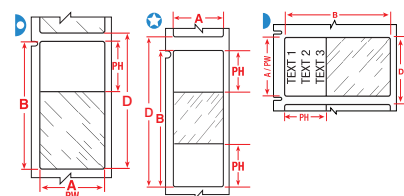
Full Material Properties on page 228

# BMP71 Materials - Wire and Cable Marking



## SELF-LAMINATING LABELS

- Features a clear, non-printable area that wraps around the cable and serves as an overlaminate to the printed text. Offers superior resistance to abrasion, dirt, oils, solvents, and water.



| Diagram                             | Order Reference | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series |
|-------------------------------------|-----------------|--------------------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|-------------------------|-------------------------|-----------------|-----------------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                    |                    |                     |                              |                               |                        |                         |                         |                 |                       |
| ▶                                   | M71-10-427      | White/Transparent  | 6.35               | 19.05               | 6.35                         | 9.53                          | 9.53                   | 2.00                    | 3.00                    | 750             | M71-R4300             |
| ▶                                   | M71-28-427      | White/Transparent  | 6.35               | 38.10               | 6.35                         | 12.70                         | 9.53                   | 4.00                    | 8.10                    | 750             | M71-R4300             |
| ▶                                   | BM71-11-427     | White/Transparent  | 12.70              | 19.05               | 12.70                        | 9.53                          | 15.88                  | 2.00                    | 3.00                    | 5000            | R4300                 |
| ▶                                   | M71-11-427      | White/Transparent  | 12.70              | 19.05               | 12.70                        | 9.53                          | 15.88                  | 2.00                    | 3.00                    | 500             | M71-R4300             |
| ▶                                   | BM71-17-427     | White/Transparent  | 12.70              | 25.40               | 12.70                        | 9.53                          | 15.88                  | 2.70                    | 5.10                    | 5000            | R4300                 |
| ▶                                   | M71-17-427      | White/Transparent  | 12.70              | 25.40               | 12.70                        | 9.53                          | 15.88                  | 2.70                    | 5.10                    | 500             | M71-R4300             |
| ▶                                   | M71-29-427      | White/Transparent  | 12.70              | 38.10               | 12.70                        | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 500             | M71-R4300             |
| ▶                                   | BM71-29-427     | White/Transparent  | 12.70              | 38.10               | 12.70                        | 12.70                         | 15.88                  | 4.00                    | 8.10                    | 5000            | R4300                 |
| ▶                                   | BM71-18-427     | White/Transparent  | 19.05              | 25.40               | 19.05                        | 9.53                          | 22.23                  | 2.70                    | 5.10                    | 2500            | R4300                 |
| ▶                                   | M71-18-427      | White/Transparent  | 19.05              | 25.40               | 19.05                        | 9.53                          | 22.23                  | 2.70                    | 5.10                    | 250             | M71-R4300             |
| ▶                                   | M71-30-427      | White/Transparent  | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | BM71-30-427     | White/Transparent  | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 2500            | R4300                 |
| ▶                                   | M71-30-427-BL   | Blue/Transparent   | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | M71-30-427-PL   | Purple/Transparent | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | M71-30-427-RD   | Red/Transparent    | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | M71-96-427      | White/Transparent  | 25.40              | 19.05               | 25.40                        | 9.53                          | 22.23                  | 2.00                    | 3.00                    | 250             | M71-R4300             |
| ▶                                   | M71-19-427-YL   | Yellow/Transparent | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 250             | M71-R4300             |
| ▶                                   | M71-19-427      | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 250             | M71-R4300             |
| ▶                                   | BM71-19-427     | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 2500            | R4300                 |
| ▶                                   | M71-103-427     | White/Transparent  | 25.40              | 31.75               | 25.40                        | 12.70                         | 34.93                  | 3.40                    | 6.10                    | 250             | M71-R4300             |
| ▶                                   | M71-31-427-YL   | Yellow/Transparent | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | BM71-31-427     | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 2500            | R4300                 |
| ▶                                   | M71-31-427-GN   | Green/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | M71-31-427-RD   | Red/Transparent    | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | M71-31-427      | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | BM71-21-427     | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 1000            | R4300                 |
| ▶                                   | M71-21-427-YL   | Yellow/Transparent | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M71-R4300             |
| ▶                                   | M71-21-427      | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.70                    | 14.20                   | 100             | M71-R4300             |
| ★                                   | BM71-64-427     | White/Transparent  | 25.40              | 85.73               | 25.40                        | 28.58                         | 88.90                  | 9.10                    | 18.20                   | 1000            | R4300                 |
| ★                                   | M71-64-427      | White/Transparent  | 25.40              | 85.73               | 25.40                        | 28.58                         | 88.90                  | 9.10                    | 18.20                   | 100             | M71-R4300             |
| ▶                                   | BM71-23-427     | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 1000            | R4300                 |
| ▶                                   | M71-23-427      | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M71-R4300             |
| ▶                                   | M71-104-427     | White/Transparent  | 38.10              | 25.40               | 38.10                        | 9.53                          | 28.58                  | 2.70                    | 5.10                    | 250             | M71-R4300             |
| ▶                                   | BM71-32-427     | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 1000            | R4300                 |
| ▶                                   | M71-32-427-YL   | Yellow/Transparent | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | M71-32-427      | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | M71-33-427-YL   | Yellow/Transparent | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M71-R4300             |
| ▶                                   | BM71-33-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 500             | R4300                 |
| ▶                                   | M71-109-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 10.80                   | 20.20                   | 100             | M71-R4300             |
| ▶                                   | BM71-109-427    | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 10.80                   | 20.20                   | 500             | R4300                 |
| ▶                                   | M71-33-427      | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 10.80                   | 24.30                   | 100             | M71-R4300             |
| ▶                                   | M71-34-427      | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 50              | M71-R4300             |
| ▶                                   | BM71-34-427     | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 16.20                   | 36.40                   | 500             | R4300                 |
| ▶                                   | M71-88-427      | White/Transparent  | 44.45              | 38.10               | 44.45                        | 12.70                         | 41.28                  | 4.00                    | 8.10                    | 250             | M71-R4300             |
| ▶                                   | M71-66-427      | White/Transparent  | 49.28              | 80.00               | 49.28                        | 25.40                         | 83.57                  | 8.50                    | 17.40                   | 100             | M71-R4300             |
| ▶                                   | M71-107-427     | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 4.00                    | 8.10                    | 100             | M71-R4300             |
| ▶                                   | BM71-107-427    | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 4.00                    | 8.10                    | 1000            | R4300                 |
| <b>B-642: Polyvinylfluoride</b>     |                 |                    |                    |                     |                              |                               |                        |                         |                         |                 |                       |
| ▶                                   | M71-19-642      | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 3.00                    | 5.00                    | 250             | M71-R4300             |
| ▶                                   | M71-31-642      | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 4.00                    | 8.00                    | 250             | M71-R4300             |
| ▶                                   | M71-21-642      | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 6.00                    | 14.00                   | 100             | M71-R4300             |



Apply the printed area to your wire.



Wrap the clear area around the wire, covering the printed area.

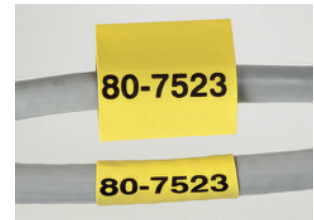


Once applied the clear laminate will protect your legend for years to come.

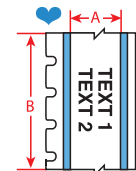
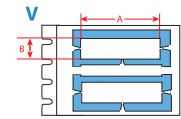
Full Material Properties on page 228

## PERMASLEEVES™ WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

- These heat-shrink sleeves are the ultimate in marker identification, protection, durability and aesthetic appearance.
- Fast shrink rate saves time and costs during installation. Available as individual die-cut markers or continuous cut-to-length tubing.



| Diagram                                     | Order Reference       | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/ Roll | Printer Ribbon |
|---------------------------------------------|-----------------------|--------|--------------------|---------------------|--------------------|-------------------------|-------------------------|----------------------------|----------------|
| <b>B-342: Heat-shrink Polyolefin Sleeve</b> |                       |        |                    |                     |                    |                         |                         |                            |                |
| V                                           | BM71-187-175-342-4    | White  | 11.21              | 8.50                | —                  | 1.57                    | 3.81                    | 4000                       | M71-R4300      |
| V                                           | BM71-375-1-342-2      | White  | 12.89              | 16.40               | —                  | 3.18                    | 8.13                    | 2000                       | M71-R4300      |
| V                                           | BM71-94-1-342-2       | White  | 12.89              | 4.60                | —                  | .58                     | 2.03                    | 5000                       | M71-R4300      |
| V                                           | BM71-125-1-342-2      | White  | 12.89              | 6.00                | —                  | 1.17                    | 2.79                    | 2000                       | M71-R4300      |
| V                                           | BM71-187-1-342-2      | White  | 12.89              | 8.50                | —                  | 1.57                    | 3.81                    | 2000                       | M71-R4300      |
| V                                           | BM71-500-175-342-YL-3 | Yellow | 14.94              | 21.60               | —                  | 4.75                    | 11.43                   | 3000                       | M71-R4300      |
| V                                           | BM71-125-175-342-3    | White  | 14.94              | 6.00                | —                  | 1.17                    | 2.79                    | 3000                       | M71-R4300      |
| V                                           | BM71-187-175-342-3    | White  | 14.94              | 8.50                | —                  | 1.57                    | 3.81                    | 3000                       | M71-R4300      |
| V                                           | BM71-375-175-342-2    | White  | 22.41              | 16.40               | —                  | 3.18                    | 8.13                    | 2000                       | M71-R4300      |
| V                                           | BM71-94-175-342-2     | White  | 22.41              | 4.60                | —                  | .58                     | 2.03                    | 5000                       | M71-R4300      |
| V                                           | BM71-125-175-342-2    | White  | 22.41              | 6.00                | —                  | 1.17                    | 2.79                    | 2000                       | M71-R4300      |
| V                                           | BM71-187-175-342-2    | White  | 22.41              | 8.50                | —                  | 1.57                    | 3.81                    | 2000                       | M71-R4300      |
| V                                           | M71-250-1-342YL       | Yellow | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 100                        | M71-R4300      |
| V                                           | BM71-250-1-342        | White  | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | M71-250-1-342         | White  | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 100                        | M71-R4300      |
| V                                           | BM71-250-1-342-YL     | Yellow | 25.78              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | M71-375-1-342         | White  | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 100                        | M71-R4300      |
| V                                           | M71-375-1-342YL       | Yellow | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 100                        | M71-R4300      |
| V                                           | BM71-375-1-342        | White  | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 1000                       | M71-R4300      |
| V                                           | BM71-375-1-342-YL     | Yellow | 25.78              | 16.40               | —                  | 3.18                    | 8.13                    | 1000                       | M71-R4300      |
| V                                           | M71-500-1-342         | White  | 25.78              | 21.60               | —                  | 4.75                    | 11.43                   | 100                        | M71-R4300      |
| V                                           | M71-500-1-342YL       | Yellow | 25.78              | 21.60               | —                  | 4.75                    | 11.43                   | 100                        | M71-R4300      |
| V                                           | BM71-500-1-342        | White  | 25.78              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | BM71-500-1-342YL      | Yellow | 25.78              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | M71-94-1-342YL        | Yellow | 25.78              | 4.60                | —                  | .58                     | 2.03                    | 100                        | M71-R4300      |
| V                                           | BM71-94-1-342         | White  | 25.78              | 4.60                | —                  | .58                     | 2.03                    | 2500                       | M71-R4300      |
| V                                           | BM71-94-1-342YL       | Yellow | 25.78              | 4.60                | —                  | .58                     | 2.03                    | 2500                       | M71-R4300      |
| V                                           | M71-94-1-342          | White  | 25.78              | 4.62                | —                  | .58                     | 2.03                    | 100                        | M71-R4300      |
| V                                           | M71-125-1-342YL       | Yellow | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 100                        | M71-R4300      |
| V                                           | BM71-125-1-342        | White  | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 1000                       | M71-R4300      |
| V                                           | M71-125-1-342         | White  | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 100                        | M71-R4300      |
| V                                           | BM71-125-1-342-YL     | Yellow | 25.78              | 6.00                | —                  | 1.17                    | 2.79                    | 1000                       | M71-R4300      |
| V                                           | M71-187-1-342YL       | Yellow | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 100                        | M71-R4300      |
| V                                           | BM71-187-1-342-YL     | Yellow | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 1000                       | M71-R4300      |
| V                                           | M71-187-1-342         | White  | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 100                        | M71-R4300      |
| V                                           | BM71-187-1-342        | White  | 25.78              | 8.50                | —                  | 1.57                    | 3.81                    | 1000                       | M71-R4300      |
| V                                           | M71-250-175-342YL     | Yellow | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 100                        | M71-R4300      |
| V                                           | BM71-250-175-342      | White  | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | BM71-250-175-342YL    | Yellow | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | M71-250-175-342       | White  | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 100                        | M71-R4300      |
| V                                           | BM71-250-175-342-RD   | Red    | 44.83              | 11.15               | —                  | 2.39                    | 5.46                    | 1000                       | M71-R4300      |
| V                                           | M71-375-175-342       | White  | 44.83              | 16.40               | —                  | 3.18                    | 8.13                    | 100                        | M71-R4300      |
| V                                           | M71-375-175-342YL     | Yellow | 44.83              | 16.40               | —                  | 3.18                    | 8.13                    | 100                        | M71-R4300      |
| V                                           | BM71-375-175-342      | White  | 44.83              | 16.40               | —                  | 3.18                    | 8.13                    | 1000                       | M71-R4300      |
| V                                           | BM71-375-175-342-YL   | Yellow | 44.83              | 16.40               | —                  | 3.18                    | 8.13                    | 1000                       | M71-R4300      |
| V                                           | M71-500-175-342       | White  | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 100                        | M71-R4300      |
| V                                           | M71-500-175-342YL     | Yellow | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 100                        | M71-R4300      |
| V                                           | BM71-500-175-342      | White  | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | BM71-500-175-342YL    | Yellow | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | BM71-500-175-342-RD   | Red    | 44.83              | 21.60               | —                  | 4.75                    | 11.43                   | 1000                       | M71-R4300      |
| V                                           | M71-94-175-342        | White  | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 100                        | M71-R4300      |
| V                                           | M71-94-175-342YL      | Yellow | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 100                        | M71-R4300      |
| V                                           | BM71-94-175-342       | White  | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 2500                       | M71-R4300      |
| V                                           | BM71-94-175-342YL     | Yellow | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 2500                       | M71-R4300      |
| V                                           | BM71-1000-175-342     | White  | 44.83              | 42.16               | —                  | 9.53                    | 24.13                   | 500                        | M71-R4300      |
| V                                           | M71-125-175-342       | White  | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 100                        | M71-R4300      |



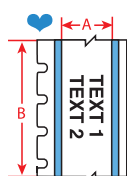
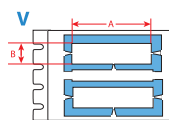
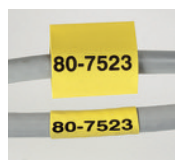
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**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.



# BMP71 Materials - Wire and Cable Marking

## PERMASLEEVES™ WIRE MARKING SLEEVES, 3:1 SHRINK RATIO (CONTINUED)

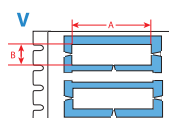


| Diagram                              | Order Reference      | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series |
|--------------------------------------|----------------------|--------|--------------------|---------------------|--------------------|-------------------------|-------------------------|-----------------|-----------------------|
| B-342: Heat-shrink Polyolefin Sleeve |                      |        |                    |                     |                    |                         |                         |                 |                       |
| V                                    | M71-94-175-342       | White  | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 100             | M71-R4300             |
| V                                    | M71-94-175-342YL     | Yellow | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 100             | M71-R4300             |
| V                                    | BM71-94-175-342      | White  | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 2500            | R4300                 |
| V                                    | BM71-94-175-342YL    | Yellow | 44.83              | 4.60                | —                  | .58                     | 2.03                    | 2500            | R4300                 |
| V                                    | BM71-1000-175-342    | White  | 44.83              | 42.16               | —                  | 9.53                    | 24.13                   | 500             | R4300                 |
| V                                    | M71-125-175-342      | White  | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 100             | M71-R4300             |
| V                                    | M71-125-175-342YL    | Yellow | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 100             | M71-R4300             |
| V                                    | BM71-125-175-342     | White  | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 1000            | R4300                 |
| V                                    | BM71-125-175-342YL   | Yellow | 44.83              | 6.00                | —                  | 1.17                    | 2.79                    | 1000            | R4300                 |
| V                                    | M71-187-175-342YL    | Yellow | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 100             | M71-R4300             |
| V                                    | BM71-187-175-342     | White  | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 1000            | R4300                 |
| V                                    | BM71-187-175-342YL   | Yellow | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 1000            | R4300                 |
| V                                    | M71-187-175-342      | White  | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 100             | M71-R4300             |
| V                                    | BM71-187-175-342-ORG | Orange | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 1000            | R4300                 |
| V                                    | BM71-187-175-342-RD  | Red    | 44.83              | 8.50                | —                  | 1.57                    | 3.81                    | 1000            | R4300                 |

## PERMASLEEVE™ LOW SMOKE ZERO HALOGEN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO



- These heat-shrink sleeves are the ultimate in marker identification, protection, durability and aesthetic appearance.
- These low smoke zero halogen wire marking sleeves offer outstanding fire safety properties and minimal smoke emission.
- Fast shrink rate saves time and costs during installation. Available as individual die-cut markers or continuous cut-to-length tubing.



| Diagram                               | Order Reference  | Colour | Label Width A (mm) | Label Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series |
|---------------------------------------|------------------|--------|--------------------|---------------------|-------------------------|-------------------------|-----------------|-----------------------|
| B-7641: Heat-shrink Polyolefin Sleeve |                  |        |                    |                     |                         |                         |                 |                       |
| V                                     | M71-94-1-7641    | White  | 25.78              | 4.60                | 1.19                    | 2.03                    | 100             | M71-R4300             |
| V                                     | M71-94-1-7641Y   | Yellow | 25.78              | 4.60                | 1.19                    | 2.03                    | 100             | M71-R4300             |
| V                                     | BM71-94-1-7641   | White  | 25.78              | 4.60                | 1.19                    | 2.03                    | 2500            | M71-R6600             |
| V                                     | BM71-94-1-7641Y  | Yellow | 25.78              | 4.60                | 1.19                    | 2.03                    | 2500            | M71-R6600             |
| V                                     | M71-125-1-7641   | White  | 25.78              | 6.00                | 1.57                    | 2.79                    | 100             | M71-R4300             |
| V                                     | M71-125-1-7641Y  | Yellow | 25.78              | 6.00                | 1.57                    | 2.79                    | 100             | M71-R4300             |
| V                                     | BM71-125-1-7641  | White  | 25.78              | 6.00                | 1.57                    | 2.79                    | 1000            | M71-R6600             |
| V                                     | BM71-125-1-7641Y | Yellow | 25.78              | 6.00                | 1.57                    | 2.79                    | 1000            | M71-R6600             |
| V                                     | M71-187-1-7641   | White  | 25.78              | 8.50                | 2.39                    | 3.83                    | 100             | M71-R4300             |
| V                                     | M71-187-1-7641Y  | Yellow | 25.78              | 8.50                | 2.39                    | 3.83                    | 100             | M71-R4300             |
| V                                     | BM71-187-1-7641  | White  | 25.78              | 8.50                | 2.39                    | 3.83                    | 1000            | M71-R6600             |
| V                                     | BM71-187-1-7641Y | Yellow | 25.78              | 8.50                | 2.39                    | 3.83                    | 1000            | M71-R6600             |
| V                                     | M71-250-1-7641   | White  | 25.78              | 11.15               | 3.17                    | 5.46                    | 100             | M71-R4300             |
| V                                     | M71-250-1-7641Y  | Yellow | 25.78              | 11.15               | 3.17                    | 5.46                    | 100             | M71-R4300             |
| V                                     | BM71-250-1-7641  | White  | 25.78              | 11.15               | 3.17                    | 5.46                    | 1000            | M71-R6600             |
| V                                     | BM71-250-1-7641Y | Yellow | 25.78              | 11.15               | 3.17                    | 5.46                    | 1000            | M71-R6600             |
| V                                     | BM71-375-1-7641  | White  | 25.78              | 16.38               | 4.77                    | 8.13                    | 1000            | M71-R6600             |
| V                                     | BM71-375-1-7641Y | Yellow | 25.78              | 16.38               | 4.77                    | 8.13                    | 1000            | M71-R6600             |
| V                                     | M71-375-1-7641   | White  | 25.78              | 16.40               | 4.77                    | 8.13                    | 100             | M71-R4300             |
| V                                     | M71-375-1-7641Y  | Yellow | 25.78              | 16.40               | 4.77                    | 8.13                    | 100             | M71-R4300             |
| V                                     | M71-500-1-7641   | White  | 25.78              | 21.60               | 6.35                    | 11.43                   | 100             | M71-R4300             |
| V                                     | M71-500-1-7641Y  | Yellow | 25.78              | 21.60               | 6.35                    | 11.43                   | 100             | M71-R4300             |
| V                                     | BM71-500-1-7641  | White  | 25.78              | 21.60               | 6.35                    | 11.43                   | 600             | M71-R6600             |
| V                                     | BM71-500-1-7641Y | Yellow | 25.78              | 21.60               | 6.35                    | 11.43                   | 600             | M71-R6600             |
| V                                     | M71-750-1-7641   | White  | 25.78              | 31.40               | 9.52                    | 17.78                   | 75              | M71-R4300             |
| V                                     | M71-750-1-7641Y  | Yellow | 25.78              | 31.40               | 9.52                    | 17.78                   | 75              | M71-R4300             |
| V                                     | BM71-750-1-7641  | White  | 25.78              | 31.40               | 9.52                    | 17.78                   | 600             | M71-R6600             |
| V                                     | BM71-750-1-7641Y | Yellow | 25.78              | 31.40               | 9.52                    | 17.78                   | 600             | M71-R6600             |

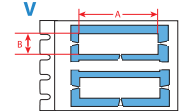
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**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 228

## PERMASLEEVE™ Low SMOKE ZERO HALOGEN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO (CONTINUED)

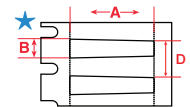
| Diagram                                                                             | Order Reference    | Colour | Label Width A (mm) | Label Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series |
|-------------------------------------------------------------------------------------|--------------------|--------|--------------------|---------------------|-------------------------|-------------------------|-----------------|-----------------------|
| <b>B-7641: Heat-shrink Polyolefin Sleeve</b>                                        |                    |        |                    |                     |                         |                         |                 |                       |
|    | M71-94-175-7641    | White  | 44.83              | 4.60                | 1.19                    | 2.03                    | 100             | M71-R4300             |
|    | M71-94-175-7641Y   | Yellow | 44.83              | 4.60                | 1.19                    | 2.03                    | 100             | M71-R4300             |
|    | BM71-94-175-7641   | White  | 44.83              | 4.60                | 1.19                    | 2.03                    | 2500            | M71-R6600             |
|    | BM71-94-175-7641Y  | Yellow | 44.83              | 4.60                | 1.19                    | 2.03                    | 2500            | M71-R6600             |
|    | M71-125-175-7641   | White  | 44.83              | 6.00                | 1.57                    | 2.79                    | 100             | M71-R4300             |
|    | M71-125-175-7641Y  | Yellow | 44.83              | 6.00                | 1.57                    | 2.79                    | 100             | M71-R4300             |
|    | BM71-125-175-7641  | White  | 44.83              | 6.00                | 1.57                    | 2.79                    | 1000            | M71-R6600             |
|    | BM71-125-175-7641Y | Yellow | 44.83              | 6.00                | 1.57                    | 2.79                    | 1000            | M71-R6600             |
|    | M71-187-175-7641   | White  | 44.83              | 8.50                | 2.39                    | 3.83                    | 100             | M71-R4300             |
|    | M71-187-175-7641Y  | Yellow | 44.83              | 8.50                | 2.39                    | 3.83                    | 100             | M71-R4300             |
|    | BM71-187-175-7641  | White  | 44.83              | 8.50                | 2.39                    | 3.83                    | 1000            | M71-R6600             |
|    | BM71-187-175-7641Y | Yellow | 44.83              | 8.50                | 2.39                    | 3.83                    | 1000            | M71-R6600             |
|    | M71-250-175-7641   | White  | 44.83              | 11.15               | 3.17                    | 5.46                    | 100             | M71-R4300             |
|    | M71-250-175-7641Y  | Yellow | 44.83              | 11.15               | 3.17                    | 5.46                    | 100             | M71-R4300             |
|    | BM71-250-175-7641  | White  | 44.83              | 11.15               | 3.17                    | 5.46                    | 1000            | M71-R6600             |
|    | BM71-250-175-7641Y | Yellow | 44.83              | 11.15               | 3.17                    | 5.46                    | 1000            | M71-R6600             |
|    | BM71-375-175-7641  | White  | 44.83              | 16.38               | 4.77                    | 8.13                    | 1000            | M71-R6600             |
|    | BM71-375-175-7641Y | Yellow | 44.83              | 16.38               | 4.77                    | 8.13                    | 1000            | M71-R6600             |
|    | M71-375-175-7641   | White  | 44.83              | 16.40               | 4.77                    | 8.13                    | 100             | M71-R4300             |
|    | M71-375-175-7641Y  | Yellow | 44.83              | 16.40               | 4.77                    | 8.13                    | 100             | M71-R4300             |
|    | M71-500-175-7641   | White  | 44.83              | 21.60               | 6.35                    | 11.43                   | 100             | M71-R4300             |
|  | M71-500-175-7641Y  | Yellow | 44.83              | 21.60               | 6.35                    | 11.43                   | 100             | M71-R4300             |
|  | BM71-500-175-7641  | White  | 44.83              | 21.60               | 6.35                    | 11.43                   | 600             | M71-R6600             |
|  | BM71-500-175-7641Y | Yellow | 44.83              | 21.60               | 6.35                    | 11.43                   | 600             | M71-R6600             |
|  | M71-750-175-7641   | White  | 44.83              | 31.40               | 9.52                    | 17.78                   | 75              | M71-R4300             |
|  | M71-750-175-7641Y  | Yellow | 44.83              | 31.40               | 9.52                    | 17.78                   | 75              | M71-R4300             |
|  | BM71-750-175-7641  | White  | 44.83              | 31.40               | 9.52                    | 17.78                   | 600             | M71-R6600             |
|  | BM71-750-175-7641Y | Yellow | 44.83              | 31.40               | 9.52                    | 17.78                   | 600             | M71-R6600             |



## RIGID DURASLEEVE™ INSERTS

- Brady DuraSleeve™ printable inserts create a durable legend. The rigid construction of the DuraSleeve wire marking system provides inserts that can easily be inserted into a clean carrier. The legend can be changed before or after termination.

| Diagram                                                                             | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|-------------------------------------------------------------------------------------|-----------------|--------|--------|--------------------|---------------------|------------------------|-----------------|-----------------------|
| <b>B-7696: Vinyl Tag</b>                                                            |                 |        |        |                    |                     |                        |                 |                       |
|  | BM71D-1-7696    | White  | Gloss  | 10.00              | 4.40                | 7.56                   | 2500            | M71-R6000HF           |
|  | M71D-1-7696     | White  | Gloss  | 10.00              | 4.40                | 7.56                   | 500             | M71-R6000HF           |
|  | BM71D-1-7696-YL | Yellow | Gloss  | 10.00              | 4.40                | 7.56                   | 2500            | M71-R6000HF           |
|  | M71D-1-7696-YL  | Yellow | Gloss  | 10.00              | 4.40                | 7.56                   | 500             | M71-R6000HF           |
|  | BM71D-2-7696    | White  | Gloss  | 12.00              | 4.40                | 7.56                   | 2500            | M71-R6000HF           |
|  | M71D-2-7696     | White  | Gloss  | 12.00              | 4.40                | 7.56                   | 500             | M71-R6000HF           |
|  | BM71D-2-7696-YL | Yellow | Gloss  | 12.00              | 4.40                | 7.56                   | 2500            | M71-R6000HF           |
|  | M71D-2-7696-YL  | Yellow | Gloss  | 12.00              | 4.40                | 7.56                   | 500             | M71-R6000HF           |
|  | BM71D-3-7696    | White  | Gloss  | 16.00              | 4.40                | 7.56                   | 2500            | R6000HF               |
|  | M71D-3-7696     | White  | Gloss  | 16.00              | 4.40                | 7.56                   | 500             | M71-R6000HF           |
|  | BM71D-3-7696-YL | Yellow | Gloss  | 16.00              | 4.40                | 7.56                   | 5000            | R6000HF               |
|  | BM71D-4-7696    | White  | Gloss  | 23.00              | 4.40                | 7.56                   | 2500            | M71-R6000HF           |
|  | M71D-4-7696     | White  | Gloss  | 23.00              | 4.40                | 7.56                   | 500             | M71-R6000HF           |
|  | BM71D-4-7696-YL | Yellow | Gloss  | 23.00              | 4.40                | 7.56                   | 2500            | M71-R6000HF           |
|  | M71D-4-7696-YL  | Yellow | Gloss  | 23.00              | 4.40                | 7.56                   | 500             | M71-R6000HF           |
|  | BM71D-5-7696    | White  | Gloss  | 30.00              | 4.40                | 7.56                   | 2500            | R6000HF               |
|  | M71D-5-7696     | White  | Gloss  | 30.00              | 4.40                | 7.56                   | 500             | M71-R6000HF           |
|  | BM71D-5-7696-YL | Yellow | Gloss  | 30.00              | 4.40                | 7.56                   | 5000            | R6000HF               |



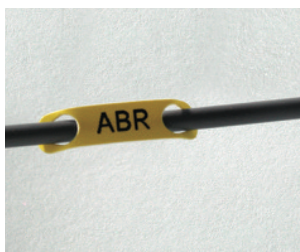
## DURASLEEVE™ CARRIERS

DuraSleeve™ carriers are produced in transparent PVC. The special shape of the carrier allows it to adapt to cables of various diameters. There are several sizes of carriers which cater for cables with external diameters from 1.30 mm up to 15 mm. See page 193 for ordering information.



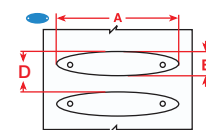
Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

# BMP71 Materials - Wire and Cable Marking



## RAPIDO™

- Yellow coated polyethylene tag suitable for durable terminated wire marking for electrical devices and fibre installations.

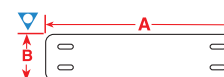


| Diagram                  | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Cartridge/Roll | Printer Ribbon Series |
|--------------------------|-----------------|--------|--------------------|---------------------|------------------------|-------------------------|-------------------------|---------------------------|-----------------------|
| B-7599: Polyethylene Tag |                 |        |                    |                     |                        |                         |                         |                           |                       |
|                          | BM71R-1-7599-YL | Yellow | 22.90              | 5.20                | 8.38                   | 0.25                    | 1.50                    | 2500                      | M71-R6200             |
|                          | BM71R-2-7599-YL | Yellow | 23.00              | 5.20                | 8.38                   | 0.75                    | 2.60                    | 2500                      | M71-R6200             |
|                          | BM71R-3-7599-YL | Yellow | 25.00              | 5.70                | 8.89                   | 1.25                    | 3.30                    | 2500                      | M71-R6200             |
|                          | BM71R-4-7599-YL | Yellow | 26.00              | 7.00                | 10.82                  | 1.75                    | 4.60                    | 2500                      | M71-R6200             |
|                          | BM71R-5-7599-YL | Yellow | 41.00              | 11.00               | 14.20                  | 2.25                    | 7.50                    | 2500                      | M71-R6200             |

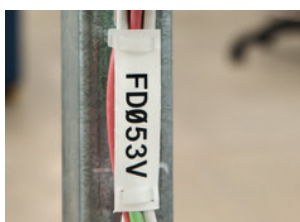


## HEATEX™ CABLE MARKERS

- These cable markers are made of halogen-free polyurethane material. The markers are tough, imperishable and with a very high degree of mark permanence in almost any environment.

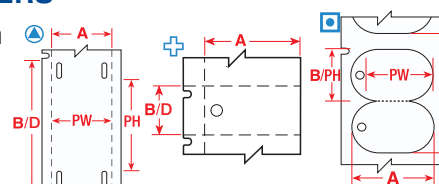


| Diagram                                      | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon Series |
|----------------------------------------------|-----------------|--------|--------|--------------------|---------------------|------------------------|---------------------------|-----------------------|
| B-7643: Thermoplastic Polyether Polyurethane |                 |        |        |                    |                     |                        |                           |                       |
|                                              | BM71H-1-7643-WT | White  | Matt   | 60.00              | 10.00               | 65.88                  | 250                       | M71-R6000HF           |
|                                              | BM71H-1-7643-YL | Yellow | Matt   | 60.00              | 10.00               | 65.88                  | 250                       | M71-R6000HF           |
|                                              | BM71H-2-7643-WT | White  | Matt   | 75.00              | 10.00               | 81.17                  | 250                       | M71-R6000HF           |
|                                              | BM71H-2-7643-YL | Yellow | Matt   | 75.00              | 10.00               | 81.17                  | 250                       | M71-R6000HF           |
|                                              | BM71H-3-7643-WT | White  | Matt   | 75.00              | 25.00               | 82.55                  | 250                       | M71-R6000HF           |
|                                              | BM71H-3-7643-YL | Yellow | Matt   | 75.00              | 25.00               | 82.55                  | 250                       | M71-R6000HF           |



## TEAR RESISTANT CABLE MARKERS

- These extremely tear resistant cable markers can be used for a variety of applications including identification of multiconductor cables, inventory and equipment.



| Diagram                 | Order Reference   | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Labels per Cartridge/Roll | Printer Ribbon Series |
|-------------------------|-------------------|--------|--------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|---------------------------|-----------------------|
| B-109: Polyethylene Tag |                   |        |        |                    |                     |                              |                               |                        |                           |                       |
|                         | M71-60-109        | White  | Matt   | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 100                       | M71-R4300             |
|                         | BM71-60-109       | White  | Matt   | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 1000                      | M71-R4300             |
|                         | M71-12-109        | White  | Matt   | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 100                       | M71-R4300             |
|                         | BM71-12-109       | White  | Matt   | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 1000                      | M71-R4300             |
|                         | M71-36-109        | White  | Matt   | 44.45              | 28.58               | 44.45                        | 28.58                         | 28.58                  | 250                       | M71-R4300             |
| B-145: Polyethylene Tag |                   |        |        |                    |                     |                              |                               |                        |                           |                       |
|                         | M71-111-145-GY    | Grey   | Matt   | 30.63              | 19.25               | 20.62                        | 19.25                         | 58.72                  | 100                       | M71-R6000HF           |
|                         | M71-111-145-FR-GY | Grey   | Matt   | 30.63              | 19.25               | 20.62                        | 19.25                         | 58.72                  | 100                       | M71-R6000HF           |
|                         | BM71-111-145-GY   | Grey   | Matt   | 30.63              | 19.25               | 20.62                        | 19.25                         | 58.72                  | 1000                      | M71-R6000HF           |
|                         | M71-110-145-GY    | Grey   | Matt   | 44.45              | 25.40               | 38.10                        | 25.40                         | 69.85                  | 100                       | M71-R6000HF           |
|                         | BM71-110-145-GY   | Grey   | Matt   | 44.45              | 25.40               | 38.10                        | 25.40                         | 69.85                  | 1000                      | M71-R6000HF           |

**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

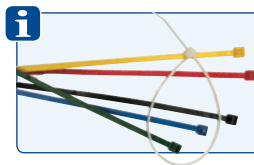
## B-7643 HALOGEN-FREE CABLE TAG

- These cable markers are made of halogen-free polyurethane material.
- The markers are tough, imperishable and with a very high degree of mark permanence in almost any environment.



| Diagram                                      | Order Reference    | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|----------------------------------------------|--------------------|--------|--------------------|---------------------|------------------------|-----------------|-----------------------|
| B-7643: Thermoplastic Polyether Polyurethane |                    |        |                    |                     |                        |                 |                       |
| ◇                                            | BM71-10x60-7643-BL | Blue   | 10.00              | 60.00               | 65.09                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x60-7643-GN | Green  | 10.00              | 60.00               | 65.09                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x60-7643-OR | Orange | 10.00              | 60.00               | 65.09                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x60-7643-RD | Red    | 10.00              | 60.00               | 65.09                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x60-7643-WT | White  | 10.00              | 60.00               | 65.09                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x60-7643-YL | Yellow | 10.00              | 60.00               | 65.09                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x75-7643-BK | Black  | 10.00              | 75.00               | 80.43                  | 250             | M71-R4400-WT          |
| ◇                                            | BM71-10x75-7643-BL | Blue   | 10.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x75-7643-GN | Green  | 10.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x75-7643-OR | Orange | 10.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x75-7643-RD | Red    | 10.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x75-7643-WT | White  | 10.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-10x75-7643-YL | Yellow | 10.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-15x75-7643-BK | Black  | 15.00              | 75.00               | 80.43                  | 250             | M71-R4400-WT          |
| ◇                                            | BM71-15x75-7643-BL | Blue   | 15.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-15x75-7643-GN | Green  | 15.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-15x75-7643-OR | Orange | 15.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-15x75-7643-RD | Red    | 15.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-15x75-7643-WT | White  | 15.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-15x75-7643-YL | Yellow | 15.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-25x75-7643-BK | Black  | 25.00              | 75.00               | 80.43                  | 250             | M71-R4400-WT          |
| ◇                                            | BM71-25x75-7643-BL | Blue   | 25.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-25x75-7643-GN | Green  | 25.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-25x75-7643-OR | Orange | 25.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-25x75-7643-RD | Red    | 25.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-25x75-7643-WT | White  | 25.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |
| ◇                                            | BM71-25x75-7643-YL | Yellow | 25.00              | 75.00               | 80.43                  | 250             | M71-R6000HF           |

Order references beginning with "B" indicate bulk rolls.



### COLOURED NYLON WIRE AND CABLE TIES

Perfect for colour coded applications. See page 191 for ordering information.

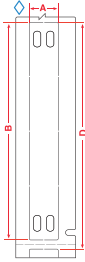




## B-7598 POLYESTER CABLE TAG

The B-7598 polyester tag is a general identification tag for cables exposed to extreme conditions. It requires cable ties to apply to cables with various diameters. Common applications for this cable tag material are:

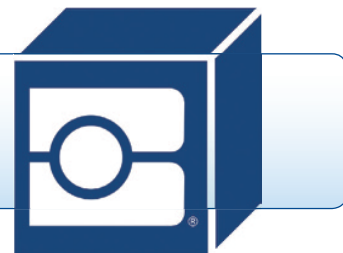
- Identification of multi-conductor cables
- Identification of cables in mobile phone towers
- Identification of datacom or telecom cables in general
- General cable identification that must be extremely resistant



| Diagram | Order Reference     | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|---------------------|---------------|--------|--------------------|---------------------|------------------------|----------------|--------------------|---------------|
| ◇       | BM71-10x60-B7598-WT | Polyester Tag | White  | 10.00              | 60.00               | 65.09                  | 1              | 500                | M71-R6000HF   |
| ◇       | BM71-10x60-B7598-YL | Polyester Tag | Yellow | 10.00              | 60.00               | 65.09                  | 1              | 500                | M71-R6000HF   |
| ◇       | BM71-10x60-B7598-GN | Polyester Tag | Green  | 10.00              | 60.00               | 65.09                  | 1              | 500                | M71-R6000HF   |
| ◇       | BM71-10x60-B7598-RD | Polyester Tag | Red    | 10.00              | 60.00               | 65.09                  | 1              | 500                | M71-R6000HF   |
| ◇       | BM71-10x60-B7598-SV | Polyester Tag | Silver | 10.00              | 60.00               | 65.09                  | 1              | 500                | M71-R6000HF   |
| ◇       | BM71-10x60-B7598-BK | Polyester Tag | Black  | 10.00              | 60.00               | 65.09                  | 1              | 500                | M71-R4400-WT  |
| ◇       | BM71-10x60-B7598-BL | Polyester Tag | Blue   | 10.00              | 60.00               | 65.09                  | 1              | 500                | M71-R6000HF   |
| ◇       | BM71-10x75-B7598-WT | Polyester Tag | White  | 10.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-10x75-B7598-YL | Polyester Tag | Yellow | 10.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-10x75-B7598-GN | Polyester Tag | Green  | 10.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-10x75-B7598-RD | Polyester Tag | Red    | 10.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-10x75-B7598-SV | Polyester Tag | Silver | 10.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-10x75-B7598-BK | Polyester Tag | Black  | 10.00              | 75.00               | 80.43                  | 1              | 250                | M71-R4400-WT  |
| ◇       | BM71-10x75-B7598-BL | Polyester Tag | Blue   | 10.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-15x75-B7598-WT | Polyester Tag | White  | 15.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-15x75-B7598-YL | Polyester Tag | Yellow | 15.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-15x75-B7598-GN | Polyester Tag | Green  | 15.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-15x75-B7598-RD | Polyester Tag | Red    | 15.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-15x75-B7598-SV | Polyester Tag | Silver | 15.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-15x75-B7598-BK | Polyester Tag | Black  | 15.00              | 75.00               | 80.43                  | 1              | 250                | M71-R4400-WT  |
| ◇       | BM71-15x75-B7598-BL | Polyester Tag | Blue   | 15.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-25x75-B7598-WT | Polyester Tag | White  | 25.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-25x75-B7598-YL | Polyester Tag | Yellow | 25.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-25x75-B7598-GN | Polyester Tag | Green  | 25.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-25x75-B7598-RD | Polyester Tag | Red    | 25.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-25x75-B7598-SV | Polyester Tag | Silver | 25.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |
| ◇       | BM71-25x75-B7598-BK | Polyester Tag | Black  | 25.00              | 75.00               | 80.43                  | 1              | 250                | M71-R4400-WT  |
| ◇       | BM71-25x75-B7598-BL | Polyester Tag | Blue   | 25.00              | 75.00               | 80.43                  | 1              | 250                | M71-R6000HF   |

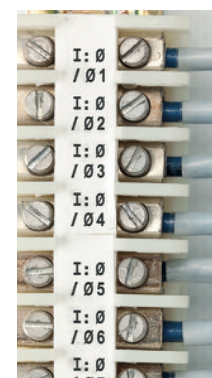
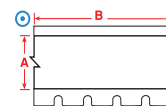


Brady offers a complete asset tracking solution with the addition of Brady Workstation and barcode readers. For more information on Brady Workstation and barcode readers, view pages 16-26.



## TERMINAL BLOCK REPOSITIONABLE MARKERS

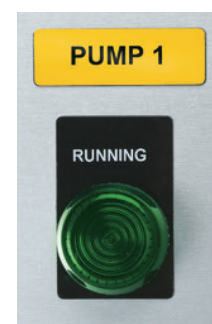
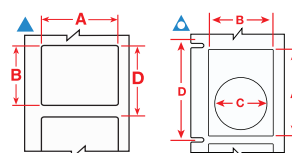
- Repositionable vinyl cloth marker with a firm adhesive offering excellent holding power, but can be easily removed and reapplied.



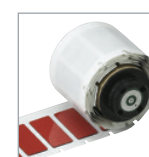
| Diagram            | Order Reference | Colour | Finish     | Label Width A (mm) | Label Length B (m) | Labels per Roll | Printer Ribbon Series |
|--------------------|-----------------|--------|------------|--------------------|--------------------|-----------------|-----------------------|
| B-498: Vinyl Cloth |                 |        |            |                    |                    |                 |                       |
|                    | M71C-240-498    | White  | Semi-gloss | 6.10               | 9.14 m             | 1               | M71-R6200             |
|                    | BM71C-240-498   | White  | Semi-gloss | 6.10               | 83.80 m            | 1               | R6200                 |
|                    | M71C-318-498    | White  | Semi-gloss | 8.08               | 9.14 m             | 1               | M71-R6200             |
|                    | BM71C-318-498   | White  | Semi-gloss | 8.08               | 83.80 m            | 1               | R6200                 |
|                    | M71C-375-498    | White  | Semi-gloss | 9.53               | 9.14 m             | 1               | M71-R6200             |
|                    | BM71C-375-498   | White  | Semi-gloss | 9.53               | 83.80 m            | 1               | R6200                 |

## EPREP LABELS – ENGRAVED PLATE REPLACEMENT LABELS

- Brady EPREP labels are innovative labels specifically designed to replace engraved and plotted plates for identification of electrical components, electrical cabinets, push buttons, patch panels etc.



| Diagram                                      | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Hole Diameter C (mm) | Vertical Repeat D (mm) | Labels per Roll | Layout       | Printer Ribbon Series |
|----------------------------------------------|-----------------|--------|--------|--------------------|---------------------|----------------------|------------------------|-----------------|--------------|-----------------------|
| B-7593: Polyethylene Foam Laminate Polyester |                 |        |        |                    |                     |                      |                        |                 |              |                       |
|                                              | M71EP-1-7593-SL | Silver | Gloss  | 27.00              | 8.00                | —                    | 11.18                  | 250             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-2-7593-SL | Silver | Gloss  | 27.00              | 12.50               | —                    | 15.63                  | 250             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-3-7593-SL | Silver | Gloss  | 27.00              | 15.00               | —                    | 18.14                  | 150             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-4-7593-SL | Silver | Gloss  | 27.00              | 18.00               | —                    | 21.25                  | 150             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-1-7593-WT | White  | Gloss  | 27.00              | 8.00                | —                    | 11.18                  | 250             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-2-7593-WT | White  | Gloss  | 27.00              | 12.50               | —                    | 15.63                  | 250             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-3-7593-WT | White  | Gloss  | 27.00              | 15.00               | —                    | 18.14                  | 150             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-4-7593-WT | White  | Gloss  | 27.00              | 18.00               | —                    | 21.25                  | 150             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-5-7593-BK | Black  | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100             | Fan-folded   | M71-R4400-WT          |
|                                              | M71EP-5-7593-GN | Green  | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100             | Fan-folded   | M71-R6000HF           |
|                                              | M71EP-5-7593-RD | Red    | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100             | Fan-folded   | M71-R6000HF           |
|                                              | M71EP-5-7593-SL | Silver | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100             | Fan-folded   | M71-R6000HF           |
|                                              | M71EP-5-7593-WT | White  | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100             | Fan-folded   | M71-R6000HF           |
|                                              | M71EP-5-7593-YL | Yellow | Gloss  | 30.00              | 40.00               | 24.00                | 50.80                  | 100             | Fan-folded   | M71-R6000HF           |
|                                              | M71EP-7-7593-SL | Silver | Gloss  | 35.00              | 18.00               | —                    | 21.49                  | 100             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-7-7593-WT | White  | Gloss  | 35.00              | 18.00               | —                    | 21.49                  | 100             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-7-7593-YL | Yellow | Gloss  | 35.00              | 18.00               | —                    | 21.49                  | 100             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-6-7593-BK | Black  | Gloss  | 45.00              | 15.00               | —                    | 40.37                  | 100             | Fan-folded   | M71-R4400-WT          |
|                                              | M71EP-6-7593-RD | Red    | Gloss  | 45.00              | 15.00               | —                    | 40.37                  | 100             | Fan-folded   | M71-R6000HF           |
|                                              | BM71E-6-7593-SL | Silver | Gloss  | 45.00              | 15.00               | —                    | 18.26                  | 500             | Bulk Roll    | M71-R6000HF           |
|                                              | BM71E-6-7593-WT | White  | Gloss  | 45.00              | 15.00               | —                    | 18.26                  | 500             | Bulk Roll    | M71-R6000HF           |
|                                              | M71EP-6-7593-YL | Yellow | Gloss  | 45.00              | 15.00               | —                    | 40.37                  | 100             | Fan-folded   | M71-R6000HF           |
|                                              | M71EP-8-7593-SL | Silver | Gloss  | 48.00              | 19.00               | —                    | 22.46                  | 125             | Roll Mounted | M71-R6000HF           |
|                                              | M71EP-8-7593-WT | White  | Gloss  | 48.00              | 19.00               | —                    | 22.46                  | 125             | Roll Mounted | M71-R6000HF           |



Roll Mounted



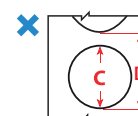
Fan-folded



Bulk Roll

## NYLON CLOTH LABELS

- Nylon cloth marker with a firm adhesive offering excellent holding power in harsh environments.



| Diagram            | Order Reference | Colour | Finish | Diameter C (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|--------------------|-----------------|--------|--------|-----------------|------------------------|-----------------|-----------------------|
| B-499: Nylon Cloth |                 |        |        |                 |                        |                 |                       |
|                    | M71-82-499      | White  | Matt   | 9.53 mm         | 12.70                  | 500             | M71-R4300             |
|                    | M71-83-499      | White  | Matt   | 12.70 mm        | 15.88                  | 500             | M71-R4300             |



**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

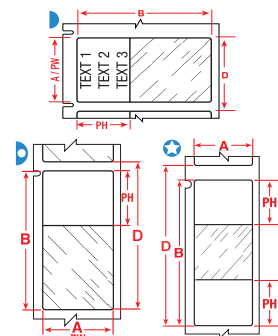
Full Material Properties on page 228

# BMP71 Materials - Datacom Labels



## SELF-LAMINATING LABELS

- Brady's most popular wire and cable marker. Self-laminating vinyl features a coloured printable area with a clear 'tail' that wraps around the cable marker to protect the print. Offers superior resistance to abrasion, dirt, oils, solvents, and water.



| Diagram                      | Order Reference | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Labels per Cartridge/ Roll | Printer Ribbon | For Data Cables Sized to Fit                                          |
|------------------------------|-----------------|--------------------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|----------------------------|----------------|-----------------------------------------------------------------------|
| B-427: Self-laminating Vinyl |                 |                    |                    |                     |                              |                               |                        |                            |                |                                                                       |
| ▶                            | BM71-29-427     | White/Transparent  | 12.70              | 38.10               | 12.70                        | 12.70                         | 15.88                  | 5000                       | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-30-427      | White/Transparent  | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | BM71-30-427     | White/Transparent  | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 2500                       | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-30-427-RD   | Red/Transparent    | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-30-427-PL   | Purple/Transparent | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-30-427-BL   | Blue/Transparent   | 19.05              | 38.10               | 19.05                        | 12.70                         | 22.23                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-19-427-YL   | Yellow/Transparent | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 250                        | M71-R4300      | 2 Pair Fibre                                                          |
| ▶                            | M71-19-427      | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 250                        | M71-R4300      | 2 Pair Fibre                                                          |
| ▶                            | BM71-19-427     | White/Transparent  | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.58                  | 2500                       | M71-R4300      | 2 Pair Fibre                                                          |
| ▶                            | M71-103-427     | White/Transparent  | 25.40              | 31.75               | 25.40                        | 12.70                         | 34.93                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-31-427-YL   | Yellow/Transparent | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 250                        | M71-R4300      | 4 Pair UTP; CAT 5; CAT 5E; CAT 6; RG-59 Coax; RG-6 Coax; Silver Satin |
| ▶                            | BM71-31-427     | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 2500                       | M71-R4300      | 5 Pair UTP; CAT 5; CAT 5E; RG-6 Coax; RG-59 Coax                      |
| ▶                            | M71-31-427      | White/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 250                        | M71-R4300      | 4 Pair UTP; CAT 5; CAT 5E; CAT 6; RG-59 Coax; RG-6 Coax; Silver Satin |
| ▶                            | M71-31-427-RD   | Red/Transparent    | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 250                        | M71-R4300      | 4 Pair UTP; CAT 5; CAT 5E; CAT 6; RG-59 Coax; RG-6 Coax; Silver Satin |
| ▶                            | M71-31-427-GN   | Green/Transparent  | 25.40              | 38.10               | 25.40                        | 12.70                         | 28.58                  | 250                        | M71-R4300      | 4 Pair UTP; CAT 5; CAT 5E; CAT 6; RG-59 Coax; RG-6 Coax; Silver Satin |
| ▶                            | M71-21-427-YL   | Yellow/Transparent | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 100                        | M71-R4300      | 25 Pair Copper; 4 Pair STP; 4-12 Pair Fibre                           |
| ▶                            | BM71-21-427     | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 1000                       | M71-R4300      | 25 Pair Copper; 4 Pair STP; 4-12 Pair Fibre                           |
| ▶                            | M71-21-427      | White/Transparent  | 25.40              | 63.50               | 25.40                        | 19.05                         | 66.68                  | 100                        | M71-R4300      | 25 Pair Copper; 4 Pair STP; 4-12 Pair Fibre                           |
| ★                            | BM71-64-427     | White/Transparent  | 25.40              | 85.73               | 25.40                        | 28.58                         | 88.90                  | 1000                       | M71-R4300      | Fibre/Coax                                                            |
| ★                            | M71-64-427      | White/Transparent  | 25.40              | 85.73               | 25.40                        | 28.58                         | 88.90                  | 100                        | M71-R4300      | Fibre/Coax                                                            |
| ▶                            | BM71-23-427     | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 1000                       | M71-R4300      | Backbone Cable                                                        |
| ▶                            | M71-23-427      | White/Transparent  | 25.40              | 101.60              | 25.40                        | 25.40                         | 104.78                 | 100                        | M71-R4300      | Communications Cables                                                 |
| ▶                            | M71-104-427     | White/Transparent  | 38.10              | 25.40               | 38.10                        | 9.53                          | 28.58                  | 250                        | M71-R4300      | 2 Pair Fibre; Single/Multi-Mode                                       |
| ▶                            | M71-32-427-YL   | Yellow/Transparent | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | BM71-32-427     | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 1000                       | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-32-427      | White/Transparent  | 38.10              | 38.10               | 38.10                        | 12.70                         | 41.28                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-33-427-YL   | Yellow/Transparent | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 100                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
| ▶                            | BM71-33-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 500                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
| ▶                            | M71-109-427     | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 100                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
| ▶                            | BM71-109-427    | White/Transparent  | 38.10              | 101.60              | 38.10                        | 38.10                         | 104.78                 | 500                        | M71-R4300      | 5 Pair Copper; 24 Pair Fibre                                          |
| ▶                            | M71-33-427      | White/Transparent  | 38.10              | 101.60              | 38.10                        | 25.40                         | 104.78                 | 100                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
| ▶                            | M71-34-427      | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 50                         | M71-R4300      | 100 Pair Copper                                                       |
| ▶                            | BM71-34-427     | White/Transparent  | 38.10              | 152.40              | 38.10                        | 38.10                         | 155.58                 | 500                        | M71-R4300      | 100 Pair Copper; 36 Pair Fibre                                        |
| ▶                            | M71-88-427      | White/Transparent  | 44.45              | 38.10               | 44.45                        | 12.70                         | 41.28                  | 250                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | M71-66-427      | White/Transparent  | 49.28              | 80.00               | 49.28                        | 25.40                         | 83.57                  | 100                        | M71-R4300      | 50 Pair Copper; 24 Pair Fibre                                         |
| ▶                            | M71-107-427     | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 100                        | M71-R4300      | CAT 5; 4 Pair UTP                                                     |
| ▶                            | BM71-107-427    | White/Transparent  | 50.80              | 38.10               | 50.80                        | 12.70                         | 53.98                  | 1000                       | M71-R4300      | CAT 5; 4 Pair UTP                                                     |



Apply the printed area to your wire.



Wrap the clear area around the wire, covering the printed area.



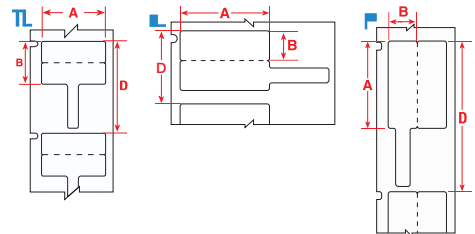
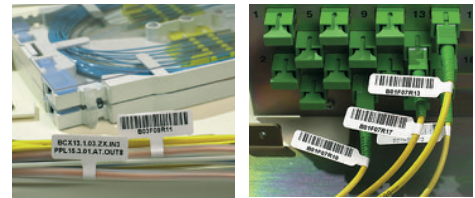
Once applied the clear laminate will protect your legend for years to come.

**i** Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

## FIBRE OPTIC LABELS/FLAGS

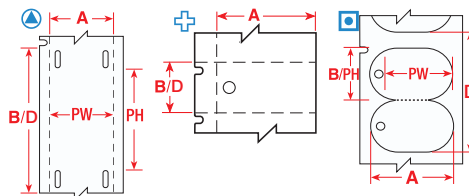
- These Fibre Optic Flags allow more legible information to be printed on smaller diameter wires and permits you to handle and view labels without touching the wires.

| Diagram              | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|----------------------|-----------------|--------|--------------------|---------------------|------------------------|-----------------|-----------------------|
| B-425: Polypropylene |                 |        |                    |                     |                        |                 |                       |
|                      | M71FP-1-425     | White  | 30.00              | 10.00               | 23.50                  | 250             | M71-R4300             |
|                      | M71FT-1-425     | White  | 30.00              | 20.00               | 43.56                  | 250             | M71-R4300             |
|                      | M71FP-2-425     | White  | 44.45              | 12.70               | 66.68                  | 100             | M71-R4300             |



## POWER AND GROUND CABLE TAGS

- These power and ground cable tags are extremely tear and cold-weather resistant.



| Diagram                 | Order Reference   | Colour | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Labels per Roll | For Data Cables Sized to Fit                   | Printer Ribbon Series |
|-------------------------|-------------------|--------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|-----------------|------------------------------------------------|-----------------------|
| B-109: Polyethylene Tag |                   |        |                    |                     |                              |                               |                        |                 |                                                |                       |
|                         | M71-60-109        | White  | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 100             | Power & Ground Cables                          | M71-R4300             |
|                         | BM71-60-109       | White  | 12.00              | 50.00               | 12.00                        | 33.00                         | 50.17                  | 1000            | Power & Ground Cables                          | M71-R4300             |
|                         | M71-12-109        | White  | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 100             | Communications Cables                          | M71-R4300             |
|                         | BM71-12-109       | White  | 19.05              | 76.20               | 17.78                        | 52.07                         | 76.20                  | 1000            | Communications Cables; Power and Ground Cables | M71-R4300             |
|                         | M71-36-109        | White  | 44.45              | 28.58               | 44.45                        | 28.58                         | 28.58                  | 250             | Cable Labels                                   | M71-R4300             |
| B-145: Polyethylene Tag |                   |        |                    |                     |                              |                               |                        |                 |                                                |                       |
|                         | M71-111-145-GY    | Grey   | 30.63              | 19.25               | 20.62                        | 19.25                         | 58.72                  | 100             | Cable Labels                                   | M71-R6000HF           |
|                         | M71-111-145-FR-GY | Grey   | 30.63              | 19.25               | 20.62                        | 19.25                         | 58.72                  | 100             | Cable Labels                                   | M71-R6000HF           |
|                         | BM71-111-145-GY   | Grey   | 30.63              | 19.25               | 20.62                        | 19.25                         | 58.72                  | 1000            | Cable Labels                                   | M71-R6000HF           |
|                         | M71-110-145-GY    | Grey   | 44.45              | 25.40               | 38.10                        | 25.40                         | 69.85                  | 100             | Cable Labels                                   | M71-R6000HF           |
|                         | BM71-110-145-GY   | Grey   | 44.45              | 25.40               | 38.10                        | 25.40                         | 69.85                  | 1000            | Cable Labels                                   | M71-R6000HF           |

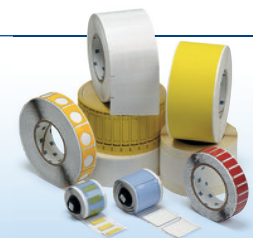


### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material? Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information.



Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.



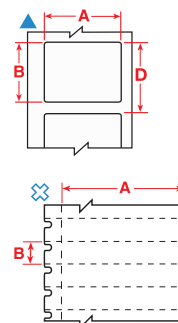
# BMP71 Materials - Datacom Labels

## WORKSTATION LABELS



- A variety of durable and resistant materials to label your workstation.

| Diagram                         | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | For Data Cables Sized to Fit                   | Printer Ribbon Series |
|---------------------------------|-----------------|--------|--------------------|---------------------|------------------------|-----------------|------------------------------------------------|-----------------------|
| <b>B-412: Polypropylene Tag</b> |                 |        |                    |                     |                        |                 |                                                |                       |
|                                 | M71-40-412      | White  | 49.23              | 9.53                | 9.53                   | 750             | Desi-Strip Inserts                             | M71-R6200             |
|                                 | BM71-40-412     | White  | 49.23              | 9.53                | 9.53                   | 5000            | Desi-Strip Inserts                             | R6200                 |
| <b>B-422: Polyester</b>         |                 |        |                    |                     |                        |                 |                                                |                       |
|                                 | M71-45-422      | White  | 38.10              | 9.53                | 12.70                  | 500             | Location Identification                        | M71-R6000HF           |
| <b>B-430: Polyester</b>         |                 |        |                    |                     |                        |                 |                                                |                       |
|                                 | M71-68-430      | Clear  | 6.10               | 3.81                | 9.53                   | 750             | Siemens Faceplates                             | M71-R6000HF           |
|                                 | M71-71-430      | Clear  | 8.89               | 5.08                | 9.53                   | 750             | Siemens Faceplates                             | M71-R6000HF           |
|                                 | M71-16-430      | Clear  | 25.40              | 9.53                | 12.70                  | 500             | Location Identification; 1-4 Outlet Faceplates | M71-R6000HF           |
|                                 | M71-17-430      | Clear  | 25.40              | 12.70               | 15.88                  | 500             | Location Identification; 1-4 Outlet Faceplates | M71-R6000HF           |
|                                 | M71-45-430      | Clear  | 38.10              | 9.53                | 12.70                  | 500             | Location Identification                        | M71-R6000HF           |

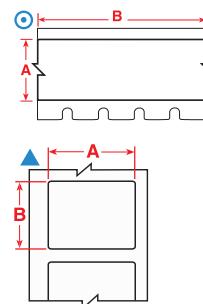


## PATCH PANEL IDENTIFICATION



- These tags and labels are designed to be printed, cut to length and act as a slide-in strip for voice/data patch panel inserts. Offers high print legibility and high tensile strength.

| Diagram                         | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Labels per Roll | Printer Ribbon Series |
|---------------------------------|-----------------|--------|--------------------|---------------------|--------------------|-----------------|-----------------------|
| <b>B-412: Polypropylene Tag</b> |                 |        |                    |                     |                    |                 |                       |
|                                 | M71C-230-412    | White  | 5.84               | —                   | 15.24 m            | 1               | M71-R6200             |
|                                 | M71C-375-412    | White  | 9.53               | —                   | 15.24 m            | 1               | M71-R6200             |
|                                 | M71C-475-412    | White  | 12.07              | —                   | 15.24 m            | 1               | M71-R6200             |
|                                 | M71C-500-412    | White  | 12.70              | —                   | 15.24 m            | 1               | M71-R6200             |
|                                 | M71C-625-412    | White  | 15.88              | —                   | 15.24 m            | 1               | M71-R6200             |
|                                 | M71C-785-412    | White  | 19.94              | —                   | 15.24 m            | 1               | M71-R6200             |
| <b>B-422: Polyester</b>         |                 |        |                    |                     |                    |                 |                       |
|                                 | M71C-375-422    | White  | 9.53               | —                   | 15.24 m            | 1               | M71-R6000HF           |
|                                 | M71C-500-422    | White  | 12.70              | —                   | 15.24 m            | 1               | M71-R6000HF           |
| <b>B-423: Polyester</b>         |                 |        |                    |                     |                    |                 |                       |
|                                 | M71-10-423      | White  | 19.05              | 6.35                | —                  | 750             | M71-R6000HF           |
| <b>B-430: Polyester</b>         |                 |        |                    |                     |                    |                 |                       |
|                                 | M71C-375-430    | Clear  | 9.53               | —                   | 15.24 m            | 1               | M71-R6000HF           |
|                                 | M71C-500-430    | Clear  | 12.70              | —                   | 15.24 m            | 1               | M71-R6000HF           |



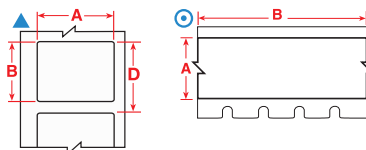
**i** Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.

Full Material Properties on page 228

## RACKS, PANELS & GENERAL DATACOM ID



- Durable materials with permanent adhesive in a variety of sizes for marking racks, bays, frames, slots, and other voice/data equipment.



| Diagram                         | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|---------------------------------|-----------------|--------|--------|--------------------|---------------------|--------------------|------------------------|-----------------|-----------------------|
| <b>B-412: Polypropylene Tag</b> |                 |        |        |                    |                     |                    |                        |                 |                       |
|                                 | M71C-230-412    | White  | Matt   | 5.84               | —                   | 15.24 m            | —                      | 1               | M71-R6200             |
|                                 | M71C-375-412    | White  | Matt   | 9.53               | —                   | 15.24 m            | —                      | 1               | M71-R6200             |
|                                 | M71C-500-412    | White  | Matt   | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6200             |
|                                 | M71C-785-412    | White  | Matt   | 19.94              | —                   | 15.24 m            | —                      | 1               | M71-R6200             |
| <b>B-422: Polyester</b>         |                 |        |        |                    |                     |                    |                        |                 |                       |
|                                 | BM71-20-422     | White  | Gloss  | 25.40              | 50.80               | —                  | 53.98                  | 1000            | R6000HF               |
|                                 | M71-37-422      | White  | Gloss  | 76.20              | 48.26               | —                  | 79.38                  | 100             | M71-R6000HF           |
|                                 | M71C-375-422    | White  | Gloss  | 9.53               | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
|                                 | M71C-500-422    | White  | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
|                                 | M71C-1000-422   | White  | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| <b>B-423: Polyester</b>         |                 |        |        |                    |                     |                    |                        |                 |                       |
|                                 | M71-2-423       | White  | Gloss  | 6.35               | 50.80               | —                  | 53.98                  | 100             | M71-R6000HF           |
|                                 | M71-15-423      | White  | Gloss  | 25.40              | 6.99                | —                  | 10.16                  | 750             | M71-R6000HF           |
|                                 | M71-16-423      | White  | Gloss  | 25.40              | 9.53                | —                  | 12.70                  | 500             | M71-R6000HF           |
|                                 | M71-17-423      | White  | Gloss  | 25.40              | 12.70               | —                  | 15.88                  | 500             | M71-R6000HF           |
|                                 | M71-20-423      | White  | Gloss  | 25.40              | 50.80               | —                  | 53.98                  | 100             | M71-R6000HF           |
|                                 | M71-26-423      | White  | Gloss  | 31.75              | 69.85               | —                  | 73.03                  | 100             | M71-R6000HF           |
|                                 | M71-29-423      | White  | Gloss  | 38.10              | 12.70               | —                  | 15.88                  | 500             | M71-R6000HF           |
|                                 | M71-38-423      | White  | Gloss  | 48.26              | 101.60              | —                  | 104.78                 | 100             | M71-R6000HF           |
|                                 | M71-37-423      | White  | Gloss  | 76.20              | 48.26               | —                  | 79.38                  | 100             | M71-R6000HF           |
| <b>B-430: Polyester</b>         |                 |        |        |                    |                     |                    |                        |                 |                       |
|                                 | M71C-375-430    | Clear  | Gloss  | 9.53               | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
|                                 | M71C-500-430    | Clear  | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
|                                 | M71C-1000-430   | Clear  | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| <b>B-483: Polyester</b>         |                 |        |        |                    |                     |                    |                        |                 |                       |
|                                 | M71-61-483      | White  | Gloss  | 12.70              | 50.80               | —                  | 53.98                  | 100             | M71-R6000HF           |
|                                 | M71-20-483      | White  | Gloss  | 25.40              | 50.80               | —                  | 53.98                  | 100             | M71-R6000HF           |
|                                 | M71-23-483      | White  | Gloss  | 25.40              | 101.60              | —                  | 104.78                 | 100             | M71-R6000HF           |
|                                 | M71-65-483      | White  | Gloss  | 34.93              | 25.40               | —                  | 28.58                  | 250             | M71-R6000HF           |
|                                 | M71-30-483      | White  | Gloss  | 38.10              | 19.05               | —                  | 22.23                  | 250             | M71-R6000HF           |
|                                 | M71-31-483      | White  | Gloss  | 38.10              | 25.40               | —                  | 28.58                  | 250             | M71-R6000HF           |
|                                 | M71-38-483      | White  | Gloss  | 48.26              | 101.60              | —                  | 104.78                 | 100             | M71-R6000HF           |
|                                 | M71-37-483      | White  | Gloss  | 76.20              | 48.26               | —                  | 79.38                  | 100             | M71-R6000HF           |
|                                 | M71C-500-483    | White  | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
|                                 | M71C-1000-483   | White  | Gloss  | 25.40              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
|                                 | M71C-1900-483   | White  | Gloss  | 48.26              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |



### BULK PACKAGING

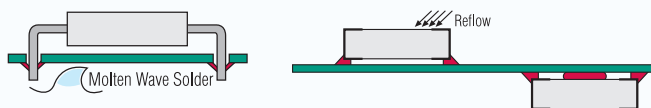
Bulk labels are designed for the BMP™71 Label Printer as a cost-effective solution for high volume labelling needs. Order references beginning with “B” indicate bulk rolls.



Order references with “C” (e.g. M71C) indicate continuous. Order references beginning with “B” indicate bulk rolls.



## THERMAL TRANSFER PRINTABLE PRODUCTS CIRCUIT BOARD PROCESS CHART



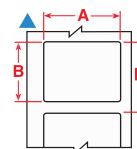
|                                    | Through Hole Technology |        | Surface Mount Technology (SMT) |  | After Process |
|------------------------------------|-------------------------|--------|--------------------------------|--|---------------|
|                                    | Top                     | Bottom | Top or Bottom                  |  |               |
| B-717, B-718, B-724, B-727         | Yes                     | Yes    | Yes                            |  | Yes           |
| B-423, B-428, B-459, B-473, B-498* | Yes*                    | No     | No                             |  | Yes           |

\*In extreme high temperature, testing of this material is recommended



### POLYIMIDE LABELS

- Various types of high resistant polyimide materials for relays, solenoids, PCB's, electronic components and more.

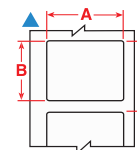


| Diagram          | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|------------------|-----------------|--------|--------|--------------------|---------------------|------------------------|-----------------|-----------------------|
| B-717: Polyimide |                 |        |        |                    |                     |                        |                 |                       |
| ▲                | M71-2-717       | White  | Gloss  | 6.35               | 50.80               | 53.98                  | 100             | M71-R6000HF           |
| ▲                | M71-14-717      | White  | Gloss  | 25.40              | 4.75                | 8.26                   | 750             | M71-R6000HF           |
| B-718: Polyimide |                 |        |        |                    |                     |                        |                 |                       |
| ▲                | M71-4-718       | White  | Gloss  | 10.16              | 10.16               | 13.34                  | 500             | M71-R6000HF           |
| ▲                | M71-9-718       | White  | Gloss  | 16.51              | 5.08                | 8.26                   | 750             | M71-R6000HF           |
| ▲                | M71-25-718      | White  | Gloss  | 31.75              | 6.35                | 9.53                   | 750             | M71-R6000HF           |
| B-724: Polyimide |                 |        |        |                    |                     |                        |                 |                       |
| ▲                | M71-9-724       | Amber  | Matt   | 16.51              | 5.08                | 8.26                   | 750             | M71-R4300             |
| ▲                | M71-13-724      | Amber  | Matt   | 22.86              | 6.35                | 9.53                   | 750             | M71-R4300             |
| ▲                | M71-16-724      | Amber  | Matt   | 25.40              | 9.53                | 12.70                  | 500             | M71-R4300             |
| ▲                | M71-17-724      | Amber  | Matt   | 25.40              | 12.70               | 15.88                  | 500             | M71-R4300             |
| ▲                | M71-28-724      | Amber  | Matt   | 38.10              | 6.35                | 9.53                   | 750             | M71-R4300             |
| B-727: Polyimide |                 |        |        |                    |                     |                        |                 |                       |
| ▲                | M71-10-727      | White  | Gloss  | 19.05              | 6.35                | 9.53                   | 750             | M71-R6000HF           |
| ▲                | M71-16-727      | White  | Gloss  | 25.40              | 9.53                | 12.70                  | 500             | M71-R6000HF           |



### VINYL CLOTH LABELS

- Repositionable vinyl cloth label for Circuit Board and Component marking. It offers excellent holding power, while easily being repositioned and removed.



| Diagram            | Order Reference | Colour | Finish     | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|--------------------|-----------------|--------|------------|--------------------|---------------------|------------------------|-----------------|-----------------------|
| B-498: Vinyl Cloth |                 |        |            |                    |                     |                        |                 |                       |
| ▲                  | M71-16-498      | White  | Semi-gloss | 9.53               | 25.40               | 12.70                  | 500             | M71-R6200             |
| ▲                  | M71-7-498       | White  | Semi-gloss | 12.70              | 12.70               | 15.88                  | 500             | M71-R6200             |
| ▲                  | M71-10-498      | White  | Semi-gloss | 19.05              | 6.35                | 9.53                   | 750             | M71-R6200             |
| ▲                  | M71-17-498      | White  | Semi-gloss | 25.40              | 12.70               | 15.88                  | 500             | M71-R6200             |
| ▲                  | M71-29-498      | White  | Semi-gloss | 38.10              | 12.70               | 15.88                  | 500             | M71-R6200             |
| ▲                  | M71-32-498      | White  | Semi-gloss | 38.10              | 38.10               | 41.28                  | 250             | M71-R6200             |
| ▲                  | BM71-29-498     | White  | Semi-gloss | 38.10              | 12.70               | 15.88                  | 5000            | R6200                 |

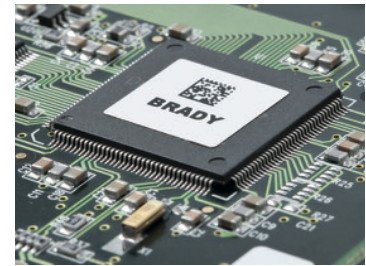
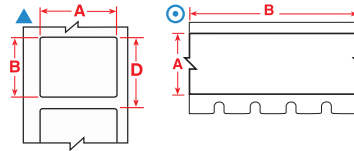


Order references with "C" (e.g. M71C) indicate continuous. Order references beginning with "B" indicate bulk rolls.

Full Material Properties on page 228

## POLYESTER LABELS

- Various types of high resistant polyester materials for relays, solenoids, PCB's, electronic components and more.



| Diagram                                    | Order Reference | Colour | Finish | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|--------------------------------------------|-----------------|--------|--------|--------------------|---------------------|--------------------|------------------------|-----------------|-----------------------|
| <b>B-423: Polyester</b>                    |                 |        |        |                    |                     |                    |                        |                 |                       |
| ▲                                          | M71-1-423       | White  | Gloss  | 6.35               | 6.35                |                    | 9.53                   | 750             | M71-R6000HF           |
| ▲                                          | M71-2-423       | White  | Gloss  | 6.35               | 50.80               |                    | 53.98                  | 100             | M71-R6000HF           |
| ▲                                          | M71-3-423       | White  | Gloss  | 9.53               | 9.53                |                    | 12.70                  | 500             | M71-R6000HF           |
| ▲                                          | M71-4-423       | White  | Gloss  | 10.16              | 10.16               |                    | 13.34                  | 500             | M71-R6000HF           |
| ▲                                          | M71-5-423       | White  | Gloss  | 12.70              | 5.08                |                    | 8.26                   | 750             | M71-R6000HF           |
| ▲                                          | M71-6-423       | White  | Gloss  | 12.70              | 6.99                |                    | 10.16                  | 750             | M71-R6000HF           |
| ▲                                          | M71-7-423       | White  | Gloss  | 12.70              | 12.70               |                    | 15.88                  | 500             | M71-R6000HF           |
| ▲                                          | BM71-7-423      | White  | Gloss  | 12.70              | 12.70               |                    | 15.88                  | 5000            | R6000HF               |
| ⊙                                          | M71C-500-423    | White  | Gloss  | 12.70              | —                   | 15.24 m            | —                      | 1               | M71-R6000HF           |
| ▲                                          | M71-9-423       | White  | Gloss  | 16.51              | 5.08                |                    | 8.26                   | 750             | M71-R6000HF           |
| ▲                                          | M71-10-423      | White  | Gloss  | 19.05              | 6.35                |                    | 9.53                   | 750             | M71-R6000HF           |
| ▲                                          | M71-13-423      | White  | Gloss  | 22.86              | 6.35                |                    | 9.53                   | 750             | M71-R6000HF           |
| ▲                                          | M71-14-423      | White  | Gloss  | 25.40              | 4.75                |                    | 8.26                   | 750             | M71-R6000HF           |
| ▲                                          | M71-15-423      | White  | Gloss  | 25.40              | 6.99                |                    | 10.16                  | 750             | M71-R6000HF           |
| ▲                                          | M71-20-423      | White  | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 100             | M71-R6000HF           |
| ▲                                          | BM71-17-423     | White  | Gloss  | 25.40              | 12.70               |                    | 15.88                  | 5000            | R6000HF               |
| ▲                                          | BM71-20-423     | White  | Gloss  | 25.40              | 50.80               |                    | 53.98                  | 1000            | R6000HF               |
| ▲                                          | BM71-16-423     | White  | Gloss  | 25.40              | 9.53                |                    | 12.70                  | 5000            | R6000HF               |
| ▲                                          | BM71-19-423     | White  | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 2500            | R6000HF               |
| ▲                                          | M71-16-423      | White  | Gloss  | 25.40              | 9.53                |                    | 12.70                  | 500             | M71-R6000HF           |
| ▲                                          | M71-17-423      | White  | Gloss  | 25.40              | 12.70               |                    | 15.88                  | 500             | M71-R6000HF           |
| ▲                                          | M71-19-423      | White  | Gloss  | 25.40              | 25.40               |                    | 28.58                  | 250             | M71-R6000HF           |
| ▲                                          | M71-25-423      | White  | Gloss  | 31.75              | 6.35                |                    | 9.53                   | 750             | M71-R6000HF           |
| ▲                                          | M71-26-423      | White  | Gloss  | 31.75              | 69.85               |                    | 73.03                  | 100             | M71-R6000HF           |
| ▲                                          | M71-27-423      | White  | Gloss  | 38.10              | 3.18                |                    | 6.35                   | 750             | M71-R6000HF           |
| ▲                                          | M71-28-423      | White  | Gloss  | 38.10              | 6.35                |                    | 9.53                   | 750             | M71-R6000HF           |
| ▲                                          | M71-29-423      | White  | Gloss  | 38.10              | 12.70               |                    | 15.88                  | 500             | M71-R6000HF           |
| ▲                                          | BM71-29-423     | White  | Gloss  | 38.10              | 12.70               |                    | 15.88                  | 5000            | R6000HF               |
| ▲                                          | M71-38-423      | White  | Gloss  | 48.26              | 101.60              |                    | 104.78                 | 100             | M71-R6000HF           |
| ▲                                          | M71-37-423      | White  | Gloss  | 76.20              | 48.26               |                    | 79.38                  | 100             | M71-R6000HF           |
| <b>B-428: Metallised Polyester</b>         |                 |        |        |                    |                     |                    |                        |                 |                       |
| ▲                                          | M71-15-428      | Silver | Matt   | 25.40              | 6.99                |                    | 10.16                  | 750             | M71-R4300             |
| ▲                                          | M71-17-428      | Silver | Matt   | 25.40              | 12.70               |                    | 15.88                  | 500             | M71-R4300             |
| <b>B-459: Polyester</b>                    |                 |        |        |                    |                     |                    |                        |                 |                       |
| ▲                                          | M71-20-459      | White  | Matt   | 25.40              | 50.80               |                    | 53.98                  | 100             | M71-R6000HF           |
| ▲                                          | M71-29-459      | White  | Matt   | 38.10              | 12.70               |                    | 15.88                  | 500             | M71-R6000HF           |
| ▲                                          | M71-30-459      | White  | Matt   | 38.10              | 19.05               |                    | 22.23                  | 250             | M71-R6000HF           |
| <b>B-473: Static Dissipative Polyester</b> |                 |        |        |                    |                     |                    |                        |                 |                       |
| ▲                                          | M71-6-473       | White  | Gloss  | 12.70              | 6.99                |                    | 10.16                  | 750             | M71-R6000HF           |
| ▲                                          | M71-9-473       | White  | Gloss  | 16.51              | 5.08                |                    | 8.26                   | 750             | M71-R6000HF           |
| ▲                                          | M71-10-473      | White  | Gloss  | 19.05              | 6.35                |                    | 9.53                   | 750             | M71-R6000HF           |
| ▲                                          | M71-16-473      | White  | Gloss  | 25.40              | 9.53                |                    | 12.70                  | 500             | M71-R6000HF           |
| ▲                                          | M71-17-473      | White  | Gloss  | 25.40              | 12.70               |                    | 15.88                  | 500             | M71-R6000HF           |
| ▶                                          | M71-28-473      | White  | Gloss  | 38.10              | 6.35                |                    | 9.53                   | 750             | M71-R6000HF           |



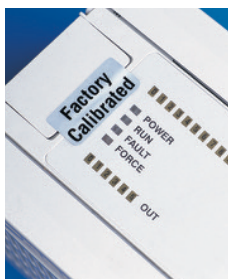
## CUSTOM LABELS

Custom labels are also available. Contact your local Brady Distributor or Brady Customer Service for ordering information.



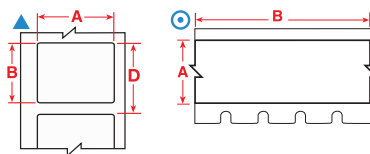
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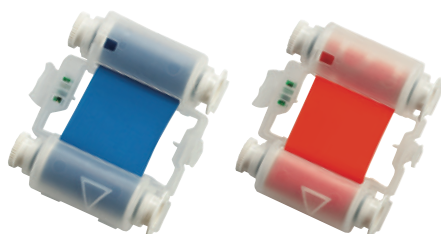
## SECURITY IDENTIFICATION LABELS

- Tamper-resistant tape destructs into tiny fragments when being removed, making any attempts to remove the label very difficult and time consuming.



| Diagram                                  | Order Reference | Colour | Finish | Label Width<br>A (mm) | Label Height<br>B (mm) | Label Length<br>B (m) | Vertical Repeat<br>D (mm) | Labels per Roll | Printer<br>Ribbon Series |
|------------------------------------------|-----------------|--------|--------|-----------------------|------------------------|-----------------------|---------------------------|-----------------|--------------------------|
| B-351: Tamper-resistant Vinyl            |                 |        |        |                       |                        |                       |                           |                 |                          |
| ▲                                        | M71-17-351      | White  | Matt   | 25.40                 | 12.70                  |                       | 15.88                     | 500             | M71-R6000HF              |
| ▲                                        | M71-20-351      | White  | Matt   | 25.40                 | 50.80                  |                       | 53.98                     | 100             | M71-R6000HF              |
| ▲                                        | M71-31-351      | White  | Matt   | 38.10                 | 25.40                  |                       | 28.58                     | 250             | M71-R6000HF              |
| ▲                                        | M71-37-351      | White  | Matt   | 76.20                 | 48.26                  |                       | 79.38                     | 100             | M71-R6000HF              |
| B-530: Tamper-resistant Vinyl            |                 |        |        |                       |                        |                       |                           |                 |                          |
| ⊙                                        | M71C-500-530    | White  |        | 12.70                 | –                      | 15.24 m               | –                         | 1               | M71-R6000HF              |
| ⊙                                        | M71C-1000-530   | White  |        | 25.40                 | –                      | 15.24 m               | –                         | 1               | M71-R6000HF              |
| ⊙                                        | M71C-2000-530   | White  |        | 50.80                 | –                      | 15.24 m               | –                         | 1               | M71-R6000HF              |
| B-362: Tamper-resistant Metallised Vinyl |                 |        |        |                       |                        |                       |                           |                 |                          |
| ▲                                        | M71-20-362      | Silver | Gloss  | 25.40                 | 50.80                  |                       | 53.98                     | 100             | M71-R6000HF              |
| ▲                                        | M71-31-362      | Silver | Gloss  | 38.10                 | 25.40                  |                       | 28.58                     | 250             | M71-R6000HF              |
| ▲                                        | M71-37-362      | Silver | Gloss  | 76.20                 | 48.26                  |                       | 79.38                     | 100             | M71-R6000HF              |

## BMP71 RIBBONS



| Order Reference | Colour  | Roll Width<br>(mm) | Roll Length<br>(m) | Formulation | Notes / Details                                                                                                                                                                                       |
|-----------------|---------|--------------------|--------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M71-R4400-WT    | White   | 50.80              | 46.00              | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6000HF     | Black   | 50.80              | 46.00              | Resin       | High density ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                                |
| M71-R6200       | Black   | 50.80              | 46.00              | Resin       | Designed for harsh environment labelling applications. Superior abrasion, chemical and heat resistance.                                                                                               |
| M71-R6400       | Black   | 50.80              | 46.00              | Resin       | Ultra high chemical resistance at high temperatures. Superior solvent resistance.                                                                                                                     |
| M71-R6600       | Black   | 50.80              | 46.00              | Resin       | Diesel resistant ribbon for thermal printing on Brady PermaSleeve™ and Heatex™ Sleeves. This ribbon has excellent chemical and abrasion resistance.                                                   |
| M71-R6800-WT    | White   | 50.80              | 46.00              | Resin       | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| M71-R6900-BL    | Blue    | 50.80              | 46.00              | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-GN    | Green   | 50.80              | 46.00              | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-MA    | Magenta | 50.80              | 46.00              | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-RD    | Red     | 50.80              | 46.00              | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R6900-YL    | Yellow  | 50.80              | 46.00              | Resin       | High density ribbon with excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                            |
| M71-R4300       | Black   | 50.80              | 46.00              | Wax/Resin   | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| M71-R6700-WT    | White   | 50.80              | 46.00              | Wax/Resin   | The White 6700 Series Thermal Transfer Ribbon offers high performance against scratching, smudging, and harsh chemicals. The ribbon can be used for printing on Brady's Black PermaSleeve™ materials. |

Full Material Properties on page 228



## Identification Labels for Benchtop Printing

Brady's benchtop printers are designed for high performance printing and labelling. With a wide range of applications, these desktop printers are able to print on a variety of materials including paper, polyester, PermaSleeve® wire markers and more.

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# Benchtop Printer Comparison Guide

Use the following comparison guide to quickly see which benchtop printer best fits your application needs. Then turn to the printer section to find out more about the printer, compatible materials and ribbons.



|                                                | BBPT <sup>TM</sup> 12 Label Printer                                                                                                                                                                                                                                                                                                                                             | BBPT <sup>TM</sup> 33 Desktop Thermal Transfer Printer                                                                                                                                                                                                               | IP <sup>TM</sup> Thermal Transfer Printer                                                                                                                                                                                                                             |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The Brady BBPT <sup>TM</sup> 12 label printer is a compact, reliable, affordable entry level thermal transfer benchtop printer. Ideal for customers requiring low volume printing on lots of different materials within the electrical, voice and datacom, LAB and specialized electronics markets. It allows you to print labels, tapes, cable markers, sleeves and much more. | Completely hassle free, easy to use PC-based printer. Smart chip supplies automatically set up the label in your Brady software. Drop-in ribbon and label cartridges ensure fast and effortless material changes.                                                    | The revolutionary IP <sup>TM</sup> Printer System - gives you "Hassle Free" printing. The Brady IP Printer is a fully integrated, easy-to-use printer, material, and software system. Smart Cell technology allows the printer, materials, and ribbon to communicate! |
| <b>Applications</b>                            | Asset Identification; Barcode Labelling; Wire & Cable Marking; Laboratory identification                                                                                                                                                                                                                                                                                        | Low and mid-volume applications where frequent material change-overs are needed. The best solution for inexperienced users wanting easy training and multi-user scenarios. Full ranges of materials for Wire & Cable ID, Facility ID, Product ID & Circuit Board ID. | Mid-volume applications when frequent material change-overs are needed, and for inexperienced users wanting easy training. Ideal for asset ID, cable and wire ID, circuit board ID, bar coding.                                                                       |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                                                                                                                                                                                                                                                                  | 8 hours/5 days                                                                                                                                                                                                                                                       | 8 hours/5 days                                                                                                                                                                                                                                                        |
| <b>Recommended Usage per Day</b>               | 500                                                                                                                                                                                                                                                                                                                                                                             | 1000                                                                                                                                                                                                                                                                 | 5000                                                                                                                                                                                                                                                                  |
| <b>Software Compatibility</b>                  | Brady Workstation, LabelMark, Windows based driver for 3rd party software use, CodeSoft                                                                                                                                                                                                                                                                                         | Brady Workstation, LabelMark, MarkWare, Windows based driver for 3rd party software use, CodeSoft                                                                                                                                                                    | Brady Workstation, LabelMark, Windows based driver for 3rd party software use, CodeSoft                                                                                                                                                                               |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                                                                                                                                                      | Monocolour                                                                                                                                                                                                                                                           | Monocolour                                                                                                                                                                                                                                                            |
| <b>Connectivity Options</b>                    | Serial, USB, Ethernet                                                                                                                                                                                                                                                                                                                                                           | USB, Ethernet. Optional: WiFi, Bluetooth                                                                                                                                                                                                                             | USB, Serial, Ethernet. Optional: WiFi                                                                                                                                                                                                                                 |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone & Peripheral                                                                                                                                                                                                                                                                                                                                                        | Peripheral                                                                                                                                                                                                                                                           | Stand-alone & Peripheral                                                                                                                                                                                                                                              |
| <b>Cutter</b>                                  | None                                                                                                                                                                                                                                                                                                                                                                            | Auto Cutter                                                                                                                                                                                                                                                          | None                                                                                                                                                                                                                                                                  |
| <b>Hardware Options</b>                        | Peel & Present, Universal Keyboard                                                                                                                                                                                                                                                                                                                                              | —                                                                                                                                                                                                                                                                    | Cutter                                                                                                                                                                                                                                                                |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                                                                                                                                                                                                                                           | 4 GB                                                                                                                                                                                                                                                                 | 64 MB                                                                                                                                                                                                                                                                 |
| <b>Memory - Ram/Flash</b>                      | 128 MB                                                                                                                                                                                                                                                                                                                                                                          | 4 GB                                                                                                                                                                                                                                                                 | 8 MB                                                                                                                                                                                                                                                                  |
| <b>Label Dimension Limits</b>                  | Max. Width: 112 mm<br>Min. Width: 10 mm                                                                                                                                                                                                                                                                                                                                         | Max. Width: 106 mm<br>Min. Width: 6.35 mm<br>Min. Height: 6.35 mm                                                                                                                                                                                                    | Max. Width: 105.66 mm<br>Min. Width: 6.40 mm<br>Min. Height: 3.20 mm                                                                                                                                                                                                  |
| <b>Maximum Print Width (mm)</b>                | 105.60 mm                                                                                                                                                                                                                                                                                                                                                                       | 101.60 mm                                                                                                                                                                                                                                                            | 105.60 mm                                                                                                                                                                                                                                                             |
| <b>Print Speed (mm/sec)</b>                    | 101.6                                                                                                                                                                                                                                                                                                                                                                           | 101.60                                                                                                                                                                                                                                                               | 200                                                                                                                                                                                                                                                                   |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                                                                                                                                                | Thermal Transfer                                                                                                                                                                                                                                                     | Thermal Transfer                                                                                                                                                                                                                                                      |
| <b>Print Resolution (dpi)</b>                  | 300                                                                                                                                                                                                                                                                                                                                                                             | 300                                                                                                                                                                                                                                                                  | 300 / 600                                                                                                                                                                                                                                                             |
| <b>Specialty Material Recommendations</b>      |                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
| Raised Panel labels (B-593, B-7593)            | Not Recommended                                                                                                                                                                                                                                                                                                                                                                 | standard parts in B-593, custom parts in B-7593                                                                                                                                                                                                                      | Acceptable (with special printer settings)                                                                                                                                                                                                                            |
| Heatex <sup>TM</sup> Cable Markers             | Not Recommended                                                                                                                                                                                                                                                                                                                                                                 | Applicable                                                                                                                                                                                                                                                           | Acceptable (with special printer settings)                                                                                                                                                                                                                            |
| PermaSleeves (B-342, B-345)                    | Not Recommended                                                                                                                                                                                                                                                                                                                                                                 | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                  | Recommended (single-sided format only)                                                                                                                                                                                                                                |
| Diesel Resistant PermaSleeve Markers (B-7646)  | Not Recommended                                                                                                                                                                                                                                                                                                                                                                 | Not applicable                                                                                                                                                                                                                                                       | Acceptable                                                                                                                                                                                                                                                            |
| ZH PermaSleeve Markers (B-7641)                | Not Recommended                                                                                                                                                                                                                                                                                                                                                                 | Not applicable                                                                                                                                                                                                                                                       | Acceptable (single-sided format only)                                                                                                                                                                                                                                 |
| HX PermaSleeve Markers (B-7642)                | Not Recommended                                                                                                                                                                                                                                                                                                                                                                 | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                  | Acceptable (single-sided format only)                                                                                                                                                                                                                                 |
| Self-laminating Labels (B-427)                 | Recommended                                                                                                                                                                                                                                                                                                                                                                     | Recommended                                                                                                                                                                                                                                                          | Recommended                                                                                                                                                                                                                                                           |
| Custom labels (only approved B-numbers)        | Applicable                                                                                                                                                                                                                                                                                                                                                                      | Applicable                                                                                                                                                                                                                                                           | Applicable                                                                                                                                                                                                                                                            |

# Benchtop Printer Comparison Guide



|                                                | BradyPrinter i7100 Industrial Label Printer                                                                                                                                                                                                                                                                                                                                                   | BSP™61 Print & Apply-System                                                                                                                                        | BBP™72 Double-sided Sleeve Printer                                                                               | Wraptor A6500 Wire ID Printer Applicator                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The BradyPrinter i7100 industrial thermal transfer benchtop printer is ideal for customers requiring reliable high volume printing on lots of different materials within the Aerospace, Defence and Mass Transit, Electronics, Automotive, Logistics, Electrical, Voice-Datcom and LAB markets. It guarantees accurate printing on sleeves, tags, labels, tapes, cable markers and much more. | Print and apply system precision developed for applications such as PCB assembly and marking, component and product marking in high quality.                       | Higher volume printer designed specifically for printing double-sided sleeves in larger quantity print job sizes | Wraptor™ A6500 Wire ID Printer Applicator. Automate your wire identification process. The Wraptor A6500 Wire Identification Printer Applicator can significantly increase production output by identifying cables with wrap-around labels in 5 seconds. The Wraptor automatically prints and applies the label on a wide range of insertable cables, saving up to 10 seconds per identified cable. |
| <b>Applications</b>                            | General & Industrial Identification; Circuit Board & Component Identification; Wire & Cable Marking; Laboratory Identification                                                                                                                                                                                                                                                                | Higher volume applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics and manufacturing. | High Volume Permasleeve™ Wire Marking Sleeves Printing (double-sided format only).                               | Cable & Wire Identification                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Printer Specifications</b>                  |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Hours of Operation</b>                      | 7 days/24 hours                                                                                                                                                                                                                                                                                                                                                                               | 24 hours/ 7 days                                                                                                                                                   | 24 hours/7 days                                                                                                  | 24 hours/7 days                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Recommended Usage per Day</b>               | 7000                                                                                                                                                                                                                                                                                                                                                                                          | 7000                                                                                                                                                               | 7000                                                                                                             | 7000                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Software Compatibility</b>                  | LabelMark, CodeSoft                                                                                                                                                                                                                                                                                                                                                                           | LabelMark, Windows based driver for 3rd party software use, CodeSoft                                                                                               | Brady Workstation, LabelMark, Windows based driver for 3rd party software use, CodeSoft                          | Brady Workstation, LabelMark                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                                                                                                                                                                    | Monocolour                                                                                                                                                         | Monocolour                                                                                                       | Monocolour                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Connectivity Options</b>                    | USB, Serial, Parallel, Ethernet                                                                                                                                                                                                                                                                                                                                                               | Serial, USB. Optional: Ethernet                                                                                                                                    | Serial, USB. Optional: Ethernet                                                                                  | USB, Ethernet                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone & Peripheral                                                                                                                                                                                                                                                                                                                                                                      | —                                                                                                                                                                  | Stand-alone & Peripheral                                                                                         | Stand-alone & Peripheral                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cutter</b>                                  | None                                                                                                                                                                                                                                                                                                                                                                                          | —                                                                                                                                                                  | None                                                                                                             | —                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Hardware Options</b>                        | Cutter with Tray, Cutter Perforator, Present Sensor, Peel Off, Rewinder, Platen Rollers                                                                                                                                                                                                                                                                                                       | Applicators                                                                                                                                                        | Cutter                                                                                                           | —                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Internal Memory Capacity</b>                | 256 MB                                                                                                                                                                                                                                                                                                                                                                                        | 64 MB                                                                                                                                                              | 64 MB                                                                                                            | 32 GB                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Memory - Ram/Flash</b>                      | —                                                                                                                                                                                                                                                                                                                                                                                             | 8 MB                                                                                                                                                               | 8 MB                                                                                                             | Memory expandable through USB                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Label Dimension Limits</b>                  | Max. Label Width: 110mm<br>Min. Label Width: 4mm<br>Min. Label Height : 4mm - 6mm (for the peel-version)                                                                                                                                                                                                                                                                                      | Max. Width: 58.00 mm (BSP61-62) or 114 mm (BSP61-34)<br>Min. Width: 4.00 mm (BSP61-62) or 10 mm (BSP61-34)<br>Min. Height: 4.00 mm (BSP61-62) or 8 mm (BSP61-34)   | Max. Width: 106.00 mm<br>Min. Width: 4.00 mm<br>Max. Height: 1000 mm<br>Min. Height: 5.00 mm                     | Max. Width: 50.80 mm<br>Min. Width: 6.35 mm<br>Max. Height: 76.2 mm<br>Min. Height: 19.05 mm                                                                                                                                                                                                                                                                                                       |
| <b>Max. Print Width (mm)</b>                   | 105.7 mm                                                                                                                                                                                                                                                                                                                                                                                      | 57.00 mm (BSP61-62) / 105.60 mm (BSP61-34)                                                                                                                         | 105.60 mm                                                                                                        | 50.80 mm                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Print Speed (mm/sec)</b>                    | up to 300                                                                                                                                                                                                                                                                                                                                                                                     | 100 mm/sec (BSP61-62)<br>250 mm/sec (BSP61-34)                                                                                                                     | 125 mm/sec                                                                                                       | —                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                                                                                                                                                              | Thermal Transfer                                                                                                                                                   | Thermal Transfer                                                                                                 | Thermal Transfer                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Print Resolution (dpi)</b>                  | 300 / 600                                                                                                                                                                                                                                                                                                                                                                                     | 300 / 600                                                                                                                                                          | 300                                                                                                              | 300                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Specialty Material Recommendations</b>      |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                    |
| Raised Panel labels (B-593, B-7593)            | Recommended                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                                                                                  | Not Recommended                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| Heatex™ Cable Markers                          | Recommended                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                                                                                  | Not Recommended                                                                                                  | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| PermaSleeves (B-342, B-345)                    | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| Diesel Resistant PermaSleeve Markers (B-7646)  | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                  | Recommended                                                                                                      | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| ZH PermaSleeve Markers (B-7641)                | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| HX PermaSleeve Markers (B-7642)                | Recommended (With 2-pass reinsert of media for double-sided format)                                                                                                                                                                                                                                                                                                                           | -                                                                                                                                                                  | Recommended (double-sided format only)                                                                           | -                                                                                                                                                                                                                                                                                                                                                                                                  |
| Self-laminating Labels (B-427)                 | Recommended                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                                                                                                  | -                                                                                                                | Recommended                                                                                                                                                                                                                                                                                                                                                                                        |
| Custom labels (only approved B-numbers)        | Applicable                                                                                                                                                                                                                                                                                                                                                                                    | Applicable                                                                                                                                                         | Applicable                                                                                                       | Applicable                                                                                                                                                                                                                                                                                                                                                                                         |





## BBP™12 LABEL PRINTER

The BBP™12 Label Printer is an entry level benchtop label printer for cable, component, product and laboratory sample identification that offers great value for money. The compact BBP12 offers a high print speed of 101.6 mm/second and can handle a wide range of highly durable and specialised Brady identification labels.

### SIMPLE, EFFICIENT DESIGN

- Compact in size, fits on every desk
- Default Ethernet Connectivity, allowing you to work in a network
- Connect any universal keyboard via USB 2.0 to work in stand-alone mode
- Full colour LCD Display and intuitive software interface are simple to use, so no extensive training is required
- Simple calibration menu with easy 1-2-3 step printing
- Best price/quality in the market for low volume printing
- Comes with a free unwinder accessory to print larger label rolls

### PERFORMANCE

- Prints a wide range of identification labels from 10 mm up to 112 mm wide
- Standard 300 dpi print quality allowing accurate image & barcode positioning on small labels
- With its powerful 32 bit processor and its extended memory it can print up to 101.6 mm / sec
- The printer supports the industry-standard Zebra® and Eltron® programming languages
- Print time and date on to your labels via the “Real time clock feature”

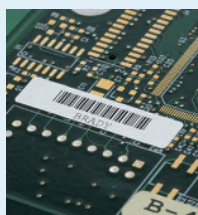


25.40 mm small core materials designed specifically for the BBP™12 Label Printer.  
Unwinder included for larger quantity bulk 76 mm core rolls.



While the BBP™12 label printer primarily uses 25.40 mm core materials for low to medium volume printing, an unwinder is available should high volume printing be needed.

### Versatile Labelling Options



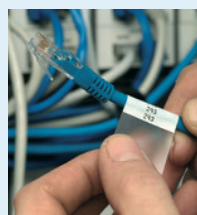
Circuit Board Labels



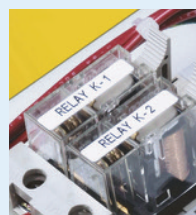
Asset Tracking Labels



Voice & Data Communications



Wire Marker Labels & Sleeves



General Purpose Labels



...And More!



# BBP™12 Label Printer - General ID & Asset Tracking

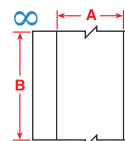
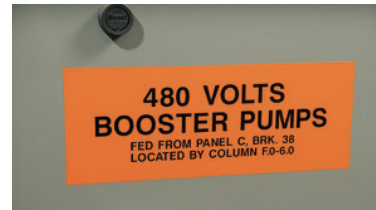
## GENERAL ID & ASSET TRACKING MATERIALS

Brady's industrial materials are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface.

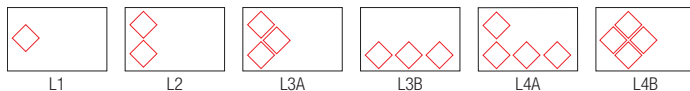
Durable thermal transfer printable materials ensure that labels identifying assets and property will stay in place and printed information and barcodes will remain legible and scannable even though subjected to harsh environments.

## CONTINUOUS MATERIALS

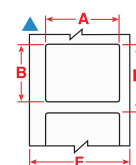
| Diagram       | Order Reference | Colour | Width A (mm) | Length B (m) | Recommended Ribbon |
|---------------|-----------------|--------|--------------|--------------|--------------------|
| B-439 : Vinyl |                 |        |              |              |                    |
| ∞             | BPTC-63-439-BK  | Black  | 63.00        | 40.00        | R4400              |
| ∞             | BPTC-63-439-BL  | Blue   | 63.00        | 40.00        | R6000HF            |
| ∞             | BPTC-63-439-GR  | Green  | 63.00        | 40.00        | R6000HF            |
| ∞             | BPTC-63-439-OR  | Orange | 63.00        | 40.00        | R6000HF            |
| ∞             | BPTC-63-439-RD  | Red    | 63.00        | 40.00        | R6000HF            |
| ∞             | BPTC-63-439-SL  | Silver | 63.00        | 40.00        | R6000HF            |
| ∞             | BPTC-63-439-WT  | White  | 63.00        | 40.00        | R6000HF            |
| ∞             | BPTC-63-439-YL  | Yellow | 63.00        | 40.00        | R6000HF            |
| ∞             | BPTC-83-439-BK  | Black  | 83.00        | 40.00        | R4400              |
| ∞             | BPTC-83-439-BL  | Blue   | 83.00        | 40.00        | R6000HF            |
| ∞             | BPTC-83-439-GR  | Green  | 83.00        | 40.00        | R6000HF            |
| ∞             | BPTC-83-439-OR  | Orange | 83.00        | 40.00        | R6000HF            |
| ∞             | BPTC-83-439-RD  | Red    | 83.00        | 40.00        | R6000HF            |
| ∞             | BPTC-83-439-SL  | Silver | 83.00        | 40.00        | R6000HF            |
| ∞             | BPTC-83-439-WT  | White  | 83.00        | 40.00        | R6000HF            |
| ∞             | BPTC-83-439-YL  | Yellow | 83.00        | 40.00        | R6000HF            |
| ∞             | BPTC-110-439-BK | Black  | 110.00       | 40.00        | R4400              |
| ∞             | BPTC-110-439-BL | Blue   | 110.00       | 40.00        | R6000HF            |
| ∞             | BPTC-110-439-GR | Green  | 110.00       | 40.00        | R6000HF            |
| ∞             | BPTC-110-439-OR | Orange | 110.00       | 40.00        | R6000HF            |
| ∞             | BPTC-110-439-RD | Red    | 110.00       | 40.00        | R6000HF            |
| ∞             | BPTC-110-439-SL | Silver | 110.00       | 40.00        | R6000HF            |
| ∞             | BPTC-110-439-WT | White  | 110.00       | 40.00        | R6000HF            |
| ∞             | BPTC-110-439-YL | Yellow | 110.00       | 40.00        | R6000HF            |



## HAZARDOUS SUBSTANCES IDENTIFICATION



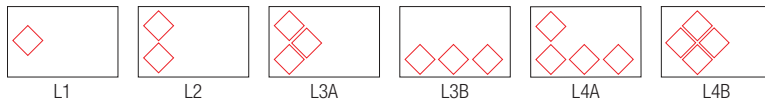
| Diagram       | Order Reference          | Layout | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------|--------------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| B-7610: Paper |                          |        |                    |                     |                        |                  |                |                    |               |
| ▲             | THTCLP-S-L1-7610-0.4-SC  | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L2-7610-0.4-SC  | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L3A-7610-0.4-SC | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L3B-7610-0.4-SC | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L4A-7610-0.4-SC | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-S-L4B-7610-0.4-SC | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲             | THTCLP-M-L1-7610-0.3-SC  | L1     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L2-7610-0.3-SC  | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L3A-7610-0.3-SC | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L3B-7610-0.3-SC | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L4A-7610-0.3-SC | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-M-L4B-7610-0.3-SC | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲             | THTCLP-L-L1-7610-0.2-SC  | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L2-7610-0.2-SC  | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L3A-7610-0.2-SC | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L3B-7610-0.2-SC | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L4A-7610-0.2-SC | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲             | THTCLP-L-L4B-7610-0.2-SC | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |



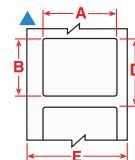
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Full Material Properties on page 228

## HAZARDOUS SUBSTANCES IDENTIFICATION (CONTINUED)

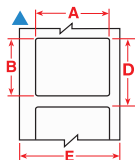


| Diagram               | Order Reference          | Layout | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|-----------------------|--------------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| B-7594: Polypropylene |                          |        |                    |                     |                        |                  |                |                    |               |
| ▲                     | THTCLP-S-L1-7594-0.4-SC  | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                     | THTCLP-S-L2-7594-0.4-SC  | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                     | THTCLP-S-L3A-7594-0.4-SC | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                     | THTCLP-S-L3B-7594-0.4-SC | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                     | THTCLP-S-L4A-7594-0.4-SC | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                     | THTCLP-S-L4B-7594-0.4-SC | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                     | THTCLP-M-L1-7594-0.3-SC  | L1     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                     | THTCLP-M-L2-7594-0.3-SC  | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                     | THTCLP-M-L3A-7594-0.3-SC | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                     | THTCLP-M-L3B-7594-0.3-SC | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                     | THTCLP-M-L4A-7594-0.3-SC | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                     | THTCLP-M-L4B-7594-0.3-SC | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                     | THTCLP-L-L1-7594-0.2-SC  | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                     | THTCLP-L-L2-7594-0.2-SC  | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                     | THTCLP-L-L3A-7594-0.2-SC | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                     | THTCLP-L-L3B-7594-0.2-SC | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                     | THTCLP-L-L4A-7594-0.2-SC | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                     | THTCLP-L-L4B-7594-0.2-SC | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |



## LABELLING MATERIALS FOR PACKAGING

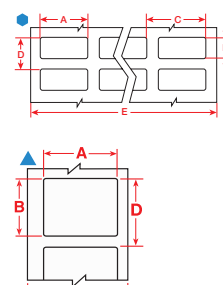
| Diagram                      | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Quantity | Rolls Per Pack | Labels per Pack | Ribbon Series |
|------------------------------|-----------------|--------|--------------------|---------------------|------------------------|------------------|----------------|----------|----------------|-----------------|---------------|
| B-7604: Direct Thermal Paper |                 |        |                    |                     |                        |                  |                |          |                |                 |               |
| ▲                            | BPT-999-007     | White  | 30.50              | 21.60               | 24.60                  | 34.00            | 1              | 1500     | 12             | 18000           | -             |
| ▲                            | BPT-512-105     | White  | 31.75              | 25.40               | 28.40                  | 35.00            | 1              | 1380     | 12             | 16560           | -             |
| ▲                            | BPT-522-075     | White  | 57.15              | 19.05               | 22.23                  | 59.94            | 1              | 1780     | 12             | 21360           | -             |
| ▲                            | BPT-522-125     | White  | 57.15              | 31.75               | 34.93                  | 59.94            | 1              | 1135     | 12             | 13620           | -             |
| ▲                            | BPT-522-205     | White  | 57.15              | 50.80               | 53.98                  | 59.94            | 1              | 735      | 12             | 8820            | -             |
| ▲                            | BPT-522-305     | White  | 57.15              | 76.20               | 79.38                  | 59.94            | 1              | 500      | 12             | 6000            | -             |
| ▲                            | BPT-522-405     | White  | 57.15              | 101.60              | 104.78                 | 59.94            | 1              | 380      | 12             | 4560            | -             |
| ▲                            | BPT-540-105     | White  | 101.60             | 25.40               | 28.58                  | 107.95           | 1              | 1310     | 12             | 15720           | -             |
| ▲                            | BPT-540-155     | White  | 101.60             | 38.10               | 41.28                  | 107.95           | 1              | 960      | 12             | 11520           | -             |
| ▲                            | BPT-540-250     | White  | 101.60             | 63.50               | 66.68                  | 107.95           | 1              | 640      | 12             | 7680            | -             |
| ▲                            | BPT-540-305     | White  | 101.60             | 76.20               | 79.38                  | 107.95           | 1              | 500      | 12             | 6000            | -             |
| ▲                            | BPT-540-405     | White  | 101.60             | 101.60              | 104.78                 | 107.95           | 1              | 380      | 12             | 4560            | -             |
| ▲                            | BPT-540-500     | White  | 101.60             | 127.00              | 130.18                 | 107.95           | 1              | 305      | 12             | 3660            | -             |
| ▲                            | BPT-540-600     | White  | 101.60             | 152.40              | 155.58                 | 107.95           | 1              | 250      | 12             | 3000            | -             |
| B-7606: Paper                |                 |        |                    |                     |                        |                  |                |          |                |                 |               |
| ▲                            | BPT-722-075     | White  | 57.15              | 19.05               | 22.23                  | 59.94            | 1              | 1780     | 12             | 21360           | R7940         |
| ▲                            | BPT-722-125     | White  | 57.15              | 31.75               | 34.93                  | 59.94            | 1              | 1135     | 12             | 13620           | R7940         |
| ▲                            | BPT-722-205     | White  | 57.15              | 50.80               | 53.98                  | 59.94            | 1              | 735      | 12             | 8820            | R7940         |
| ▲                            | BPT-722-305     | White  | 57.15              | 76.20               | 79.38                  | 59.94            | 1              | 500      | 12             | 6000            | R7940         |
| ▲                            | BPT-722-405     | White  | 57.15              | 101.60              | 104.78                 | 59.94            | 1              | 380      | 12             | 4560            | R7940         |
| ▲                            | BPT-740-155     | White  | 101.60             | 38.10               | 41.28                  | 107.95           | 1              | 960      | 12             | 11520           | R7940         |
| ▲                            | BPT-740-305     | White  | 101.60             | 76.20               | 79.38                  | 107.95           | 1              | 500      | 12             | 6000            | R7940         |
| ▲                            | BPT-740-405     | White  | 101.60             | 101.60              | 104.78                 | 107.95           | 1              | 380      | 12             | 4560            | R7940         |
| ▲                            | BPT-740-505     | White  | 101.60             | 127.00              | 130.18                 | 107.95           | 1              | 305      | 12             | 3660            | R7940         |
| ▲                            | BPT-740-605     | White  | 101.60             | 152.40              | 155.58                 | 107.95           | 1              | 250      | 12             | 3000            | R7940         |





## PERMANENT MATERIALS

| Diagram                             | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|-------------------------------------|-----------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| <b>B-488: Polyester</b>             |                 |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                                   | BPT-616-488     | White  | 22.86              | 19.05               | 25.86                    | 21.98                  | 80.58            | 3              | 3000               | R7950         |
| ●                                   | BPT-617-488     | White  | 22.86              | 22.86               | 25.86                    | 25.86                  | 80.58            | 3              | 3000               | R7950         |
| ▲                                   | BPT-635-488     | White  | 48.26              | 6.35                | —                        | 11.35                  | 54.26            | 1              | 2000               | R7950         |
| <b>B-8423: Polyester</b>            |                 |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                                   | BPT-11-8423-2.5 | White  | 6.35               | 6.35                | 6.35                     | 9.31                   | 108.00           | 15             | 2500               | R6000HF       |
| ●                                   | BPT-38-8423-2.5 | White  | 9.53               | 9.53                | 9.53                     | 12.53                  | 108.00           | 9              | 2500               | R6000HF       |
| ●                                   | BPT-12-8423-2.5 | White  | 12.70              | 11.10               | 12.70                    | 14.13                  | 108.00           | 7              | 2500               | R6000HF       |
| ●                                   | BPT-G3-8423-YL  | Yellow | 15.00              | 9.00                | 18.00                    | 17.00                  | 108.00           | 5              | 2500               | R7961         |
| ●                                   | BPT-14-8423-2.5 | White  | 16.51              | 5.08                | 19.51                    | 8.08                   | 108.00           | 5              | 2500               | R6000HF       |
| ●                                   | BPT-1-8423-2.5  | White  | 19.05              | 6.35                | 6.35                     | 9.40                   | 108.00           | 5              | 2500               | R6000HF       |
| ●                                   | BPT-G2-8423-YL  | Yellow | 20.00              | 8.00                | 23.00                    | 15.00                  | 108.00           | 4              | 5000               | R7961         |
| ●                                   | BPT-5-8423-2.5  | White  | 25.40              | 12.70               | 28.40                    | 15.70                  | 108.00           | 3              | 2500               | R6000HF       |
| ●                                   | BPT-13-8423-2.5 | White  | 31.75              | 6.35                | 34.75                    | 9.35                   | 108.00           | 3              | 2500               | R6000HF       |
| ●                                   | BPT-4-8423-2.5  | White  | 38.10              | 6.35                | 50.10                    | 9.35                   | 108.00           | 2              | 2500               | R6000HF       |
| ●                                   | BPT-6-8423-2.5  | White  | 38.10              | 19.05               | 50.10                    | 22.05                  | 108.00           | 2              | 2500               | R6000HF       |
| ▲                                   | BPT-17-8423-1   | White  | 50.80              | 25.40               | —                        | 28.54                  | 108.00           | 1              | 1000               | R6000HF       |
| ▲                                   | BPT-7-8423-1    | White  | 69.85              | 31.75               | —                        | 34.75                  | 108.00           | 1              | 1000               | R6000HF       |
| <b>B-7563: Metallised Polyester</b> |                 |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                                   | BPT-5-7563-2.5  | Silver | 25.40              | 12.70               | 28.40                    | 15.70                  | 108.00           | 3              | 2500               | R7960         |
| ●                                   | BPT-6-7563-2.5  | Silver | 38.10              | 19.05               | 50.10                    | 22.05                  | 108.00           | 2              | 2500               | R7960         |
| ▲                                   | BPT-17-7563-1   | Silver | 50.80              | 25.40               | —                        | 28.54                  | 108.00           | 1              | 1000               | R7960         |
| ▲                                   | BPT-7-7563-1    | Silver | 69.85              | 31.75               | —                        | 34.75                  | 108.00           | 1              | 1000               | R7960         |
| ▲                                   | BPT-19-7563-0.5 | Silver | 76.00              | 50.00               | —                        | 53.00                  | 108.00           | 1              | 500                | R7960         |

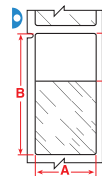


## WIRE & CABLE ID

Brady offers a wide range of identification solutions for marking wires and cables. Brady's wire and cable identification products are lab and field tested. They are proven to withstand harsh environments including extreme temperatures, liquids, chemical exposure, abrasion and more. The label markers are extremely durable featuring an ultra resistant top coat formulation and ultra aggressive adhesive.

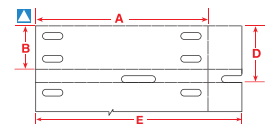
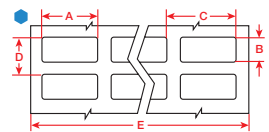
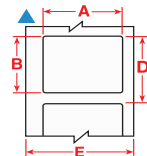
### SELF-LAMINATING WIRE & CABLE MARKERS

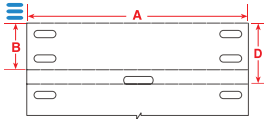
| Diagram                             | Order Reference | Colour            | Label Width A (mm) | Label Height B (mm) | Printable Area Height PH (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Package | Ribbon Series |
|-------------------------------------|-----------------|-------------------|--------------------|---------------------|-------------------------------|-------------------------|-------------------------|--------------------|---------------|
| <b>B-427: Self-laminating Vinyl</b> |                 |                   |                    |                     |                               |                         |                         |                    |               |
|                                     | BPT-305-427     | White/Transparent | 12.70              | 31.75               | 12.70                         | 3.40                    | 6.10                    | 7000               | R7950         |
|                                     | BPT-211-427     | White/Transparent | 25.40              | 25.40               | 9.53                          | 2.70                    | 5.10                    | 3000               | R7950         |
|                                     | BPT-311-427     | White/Transparent | 25.40              | 31.75               | 12.70                         | 3.40                    | 6.10                    | 3000               | R7950         |
|                                     | BPT-511-427     | White/Transparent | 25.40              | 63.50               | 19.05                         | 6.70                    | 14.20                   | 3000               | R7950         |
|                                     | BPT-517-427     | White/Transparent | 38.10              | 63.50               | 19.05                         | 6.70                    | 14.20                   | 2000               | R7950         |



### WIRE & CABLE MARKING MATERIALS

| Diagram                         | Order Reference    | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------------------------|--------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| <b>B-498: Vinyl Cloth</b>       |                    |        |                    |                     |                          |                        |                  |                |                    |               |
|                                 | BPT-611-498        | White  | 12.70              | 25.40               | 15.70                    | 28.40                  | 50.10            | 3              | 3000               | R7950         |
|                                 | BPT-659-498        | White  | 25.40              | 12.40               | —                        | 15.40                  | 30.48            | 1              | 1000               | R7950         |
|                                 | THT-59-498-2.5-SC  | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 2500               | R7950         |
|                                 | BPT-621-498        | White  | 25.40              | 36.50               | 28.40                    | 39.50                  | 88.20            | 3              | 3000               | R7950         |
|                                 | THT-17-498-1.5-SC  | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 1500               | R7950         |
| <b>B-499: Nylon Cloth</b>       |                    |        |                    |                     |                          |                        |                  |                |                    |               |
|                                 | BPT-611-499        | White  | 12.70              | 25.40               | 15.70                    | 28.40                  | 50.10            | 3              | 3000               | R7950         |
|                                 | BPT-620-499        | White  | 12.70              | 25.40               | —                        | 28.40                  | 25.40            | 1              | 1000               | R7950         |
|                                 | THT-125-499-1.5-SC | White  | 22.86              | 12.70               | —                        | 15.24                  | 27.94            | 1              | 1500               | R7950         |
|                                 | BPT-618-499        | White  | 22.86              | 38.10               | 25.86                    | 41.10                  | 50.10            | 3              | 3000               | R7950         |
|                                 | THT-152-499-1.5-SC | White  | 25.40              | 9.53                | 27.94                    | 12.07                  | 58.42            | 2              | 1500               | R7950         |
|                                 | BPT-659-499        | White  | 25.40              | 12.40               | —                        | 15.40                  | 30.48            | 1              | 1000               | R7950         |
|                                 | BPT-621-499        | White  | 25.40              | 36.50               | 28.40                    | 39.50                  | 88.20            | 3              | 3000               | R7950         |
|                                 | BPT-625-499        | White  | 25.40              | 66.68               | 28.40                    | 69.68                  | 88.20            | 3              | 1500               | R7950         |
|                                 | THT-136-499-1.5-SC | White  | 38.10              | 19.05               | —                        | 22.23                  | 27.94            | 1              | 1500               | R7950         |
|                                 | THT-151-499-1.5-SC | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 1500               | R7950         |
| <b>B-7597: Polyethylene Tag</b> |                    |        |                    |                     |                          |                        |                  |                |                    |               |
|                                 | BPT-7597W-2050     | White  | 50.80              | 12.70               | —                        | 16.72                  | 60.80            | 1              | 2000               | R4300, R7950  |



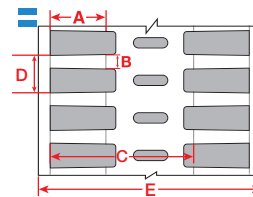


## WIRE & CABLE MARKING TAGS

| Diagram                                      | Order Reference  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Printer Ribbon Series |
|----------------------------------------------|------------------|--------|--------------------|---------------------|------------------------|----------------|-----------------|-----------------------|
| B-7643: Thermoplastic Polyether Polyurethane |                  |        |                    |                     |                        |                |                 |                       |
|                                              | BPT-6010-7643-WT | White  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-6010-7643-YL | Yellow | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-6010-7643-GN | Green  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-6010-7643-RD | Red    | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-6010-7643-OR | Orange | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-6010-7643-BK | Black  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R4400-WT              |
|                                              | BPT-6010-7643-BL | Blue   | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-7510-7643-WT | White  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-7510-7643-YL | Yellow | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-7510-7643-GN | Green  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-7510-7643-RD | Red    | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-7510-7643-OR | Orange | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-7510-7643-BK | Black  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R4400-WT              |
|                                              | BPT-7510-7643-BL | Blue   | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|                                              | BPT-7515-7643-WT | White  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|                                              | BPT-7515-7643-YL | Yellow | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|                                              | BPT-7515-7643-GN | Green  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|                                              | BPT-7515-7643-RD | Red    | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|                                              | BPT-7515-7643-OR | Orange | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|                                              | BPT-7515-7643-BK | Black  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R4400-WT              |
|                                              | BPT-7515-7643-BL | Blue   | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|                                              | BPT-7525-7643-WT | White  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|                                              | BPT-7525-7643-YL | Yellow | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|                                              | BPT-7525-7643-GN | Green  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|                                              | BPT-7525-7643-RD | Red    | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|                                              | BPT-7525-7643-OR | Orange | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|                                              | BPT-7525-7643-BK | Black  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R4400-WT              |
|                                              | BPT-7525-7643-BL | Blue   | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
| B-7598: Polyester Tag                        |                  |        |                    |                     |                        |                |                 |                       |
|                                              | BPT-6010-7598-WT | White  | 60.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-6010-7598-YL | Yellow | 60.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-6010-7598-GN | Green  | 60.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-6010-7598-RD | Red    | 60.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-6010-7598-SV | Silver | 60.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-6010-7598-BK | Black  | 60.00              | 10.00               | 15.08                  | 1              | 1000            | R4400-WT              |
|                                              | BPT-6010-7598-BL | Blue   | 60.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7510-7598-WT | White  | 75.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7510-7598-YL | Yellow | 75.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7510-7598-GN | Green  | 75.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7510-7598-RD | Red    | 75.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7510-7598-SV | Silver | 75.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7510-7598-BK | Black  | 75.00              | 10.00               | 15.08                  | 1              | 1000            | R4400-WT              |
|                                              | BPT-7510-7598-BL | Blue   | 75.00              | 10.00               | 15.08                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7515-7598-WT | White  | 75.00              | 15.00               | 20.02                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7515-7598-YL | Yellow | 75.00              | 15.00               | 20.02                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7515-7598-GN | Green  | 75.00              | 15.00               | 20.02                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7515-7598-RD | Red    | 75.00              | 15.00               | 20.02                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7515-7598-SV | Silver | 75.00              | 15.00               | 20.02                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7515-7598-BK | Black  | 75.00              | 15.00               | 20.02                  | 1              | 1000            | R4400-WT              |
|                                              | BPT-7515-7598-BL | Blue   | 75.00              | 15.00               | 20.02                  | 1              | 1000            | R6000HF               |
|                                              | BPT-7525-7598-WT | White  | 75.00              | 25.00               | 30.16                  | 1              | 500             | R6000HF               |
|                                              | BPT-7525-7598-YL | Yellow | 75.00              | 25.00               | 30.16                  | 1              | 500             | R6000HF               |
|                                              | BPT-7525-7598-GN | Green  | 75.00              | 25.00               | 30.16                  | 1              | 500             | R6000HF               |
|                                              | BPT-7525-7598-RD | Red    | 75.00              | 25.00               | 30.16                  | 1              | 500             | R6000HF               |
|                                              | BPT-7525-7598-SV | Silver | 75.00              | 25.00               | 30.16                  | 1              | 500             | R6000HF               |
|                                              | BPT-7525-7598-BK | Black  | 75.00              | 25.00               | 30.16                  | 1              | 500             | R4400-WT              |
|                                              | BPT-7525-7598-BL | Blue   | 75.00              | 25.00               | 30.16                  | 1              | 500             | R6000HF               |

## DURASLEEVE™ WIRE MARKERS

| Diagram           | Order Reference       | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series  |
|-------------------|-----------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|----------------|
| B-7696: Vinyl Tag |                       |        |                    |                     |                          |                        |                  |                |                    |                |
|                   | BPTRDS-16x4,4-7696    | White  | 16.00              | 4.40                | 36.00                    | 10.92                  | 68.00            | 2              | 5000               | R7964; R6000HF |
|                   | BPTRDS-16x4,4-7696-YL | Yellow | 16.00              | 4.40                | 36.00                    | 10.92                  | 68.00            | 2              | 5000               | R7964; R6000HF |
|                   | BPTRDS-30x4,4-7696    | White  | 30.00              | 4.40                | 61.00                    | 10.92                  | 96.00            | 2              | 5000               | R7964; R6000HF |
|                   | BPTRDS-30x4,4-7696-YL | Yellow | 30.00              | 4.40                | 61.00                    | 10.92                  | 96.00            | 2              | 5000               | R7964; R6000HF |



## DURASLEEVE TAG CARRIER

DuraSleeve tag carriers are produced in transparent PVC. The special shape of the carrier allows it to adapt to cables of various diameters. There are several sizes of carriers which cater for cables with external diameters from 1.30 mm up to 15 mm.

- Temperature range: -40 °C to 60 °C
- Material: PVC

Please contact your local Brady representative to identify and select the most appropriate carrier for your individual application.



**i** See page 219 for a list of 12,70 mm diameter core - ink side out THT ribbons suitable for the BBP™12 Label printer.





## BBP™33 LABEL PRINTER

**UNBELIEVABLY EASY. NO WASTED LABELS.  
THE WAY LABEL MAKING SHOULD BE.**

BBP™33 Label Printer - a whole new way to make labels. No more tedious, time-consuming setups or calibrations. No more difficult-to-load materials. No more wasted labels. No more hassle. This printer is so simple to use, most of our customers don't even believe us the first time we show them. But believe it, because it really is that easy.

It's an industrial label printer that's simple, powerful and brilliantly fast. Exactly the way label making should be.

**No calibration. No wasted labels.** The printer "reads" your cartridges and then automatically sets up the label correctly in your Brady software.

So there's:

- No wasted labels (hits the first label!)
- No sensor adjustment
- No need to specify if gapped or notched material
- No print speed or burn temp trials and errors
- No need to set up label dimensions in software
- No importing label file patches into software
- No scrolling through lists to select your label part

### **i** VIEW ONLINE



Visit [www.bradyeurope.com/bbp33](http://www.bradyeurope.com/bbp33) or scan this code for more information on the BBP33 Label Printer.

### RECORD FAST MATERIAL CHANGEOVERS

- Ribbon and label changeovers, in as fast as 20 seconds!
- Foolproof "drop-in" ribbon and label cartridges
- No threading the ribbon around spools and printheads
- Ink side of ribbon always faces the right way
- Easy-to-handle cartridges that won't roll away or get damaged

### IMPRESSIVE MATERIAL LINEUP

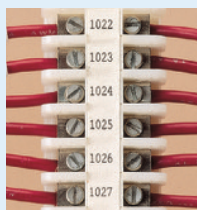
- With over 700 parts in over 50 different materials, this printer meets your primary labelling needs, and so much more
- Wire & panel labels
- General purpose die cut labels
- Rating plates & circuit board labels
- Custom, company specific labels



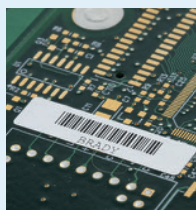
### Brady Materials Made To Impress.



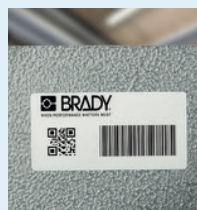
Industrial Labelling



Terminal Block Markers



Circuit Board Labelling



Product Identification



Control Panel Labelling



Wire & Cable Labels  
and more!

## Printer Specifications

|                                                |                                                                                                                                                                                                                                                                      |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | Completely hassle free, easy to use PC-based printer. Smart chip supplies automatically set up the label in your Brady software. Drop-in ribbon and label cartridges ensure fast and effortless material changes.                                                    |
| <b>Applications</b>                            | Low and mid-volume applications where frequent material change-overs are needed. The best solution for inexperienced users wanting easy training and multi-user scenarios. Full ranges of materials for Wire & Cable ID, Facility ID, Product ID & Circuit Board ID. |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                                                                                                                                                       |
| <b>Recommended Usage per Day</b>               | 1000                                                                                                                                                                                                                                                                 |
| <b>Software Compatibility</b>                  | Brady Workstation, LabelMark, MarkWare, Windows based driver for 3rd party software use, CodeSoft                                                                                                                                                                    |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                                           |
| <b>Connectivity Options</b>                    | USB, Ethernet. Optional: WiFi, Bluetooth                                                                                                                                                                                                                             |
| <b>Stand-alone Printing (Detached from PC)</b> | Peripheral                                                                                                                                                                                                                                                           |
| <b>Cutter</b>                                  | Auto Cutter                                                                                                                                                                                                                                                          |
| <b>Internal Memory Capacity</b>                | 4 GB                                                                                                                                                                                                                                                                 |
| <b>Memory - Ram/Flash</b>                      | 4 GB                                                                                                                                                                                                                                                                 |
| <b>Label Dimension Limits</b>                  | Max. Width: 106 mm<br>Min. Width: 6.35 mm<br>Min. Height: 6.35 mm                                                                                                                                                                                                    |
| <b>Maximum Print Width (mm)</b>                | 101.60 mm                                                                                                                                                                                                                                                            |
| <b>Print Speed (mm/sec)</b>                    | 101.60                                                                                                                                                                                                                                                               |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                                     |
| <b>Print Resolution (dpi)</b>                  | 300                                                                                                                                                                                                                                                                  |
| <b>Height x Width x Depth</b>                  | 241.60 mm x 230.60 mm x 304.80 mm                                                                                                                                                                                                                                    |
| <b>Weight</b>                                  | 5.30 kg                                                                                                                                                                                                                                                              |



## PRINTER PART NUMBERS

| Article No. | Order Reference            | Description                                                   |
|-------------|----------------------------|---------------------------------------------------------------|
| 711071      | BBP33 EU Printer           | BBP33 Label Printer - EU                                      |
| 711072      | BBP33 EU Printer + LM      | BBP33 Label Printer - EU with LabelMark Software              |
| 711073      | BBP33 EU Printer + MW      | BBP33 Label Printer - EU with MarkWare Software               |
| 711074      | BBP33 EU Printer + LM & MW | BBP33 Label Printer - EU with LabelMark and MarkWare Software |
| 711075      | BBP33 UK Printer           | BBP33 Label Printer - UK                                      |
| 711076      | BBP33 UK Printer + LM      | BBP33 Label Printer - UK with LabelMark Software              |
| 711077      | BBP33 UK Printer + MW      | BBP33 Label Printer - UK with MarkWare Software               |
| 711078      | BBP33 UK Printer + LM & MW | BBP33 Label Printer - UK with LabelMark and MarkWare Software |

BBP33 Label Printer ships with printer, power cord, USB cable, drivers CD, cleaning kit and quick start guide.

For more information about LabelMark and MarkWare, please see page 22-23.

## SPECIALTY MATERIAL RECOMMENDATIONS

| Specialty Material Recommendations  |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| Raised Panel Labels (B-593, B-7593) | standard parts in B-593, custom parts in B-7593                     |
| PermaSleeves (B-342, B-345)         | Recommended (With 2-pass reinsert of media for double-sided format) |
| HX PermaSleeves Markers (B-7642)    | Recommended (With 2-pass reinsert of media for double-sided format) |
| Self-laminating Labels (B-427)      | Recommended                                                         |

## BBP™33 PRINTER ACCESSORIES

| Article No. | Order Reference | Description                                     |
|-------------|-----------------|-------------------------------------------------|
| 120994      | B30-TROLLEY     | Trolley for BBP30, BBP31 and BBP33              |
| 142114      | B30-WIPER       | Media Wiper 5 Pack                              |
| 142116      | B30-CCT         | Cutter Cleaning Tool for BBP30, BBP31 and BBP33 |
| 142267      | NET-LAN         | LAN Network Card                                |

## COMPLETE YOUR BBP™33 LABEL PRINTING SOLUTION

### BRADY WORKSTATION

Brady Workstation offers professional, intuitive apps to design quality product and cable labels and safety signs. With Brady Workstation label design becomes easier, faster and quickly adaptable to new label norms thanks to centralised updates.

For more information about Brady Workstation, please see page 16.





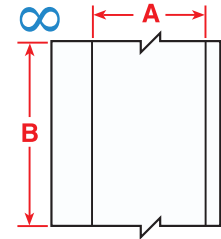
## HIGH PERFORMANCE INDOOR/OUTDOOR VINYL

FOR GENERAL FACILITY AND SAFETY IDENTIFICATION: OUR BEST INDUSTRIAL VINYL YET



- Durable, low-shrink vinyl with our most aggressive adhesive
- Conforms to irregular, curved, rough and highly textured surfaces (painted cinder blocks, uneven wood, textured plastics, paper-jacketed pipes, powder-coated surfaces)
- Adheres to “difficult” low-surface energy items (PVC piping, blow-moulded equipment cases, ABS plastics, recycled plastics)

| Diagram       | Order Reference  | Colour | Width A (mm) | Length B (m) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------|------------------|--------|--------------|--------------|----------------|-----------------|--------------------|
| B-595 : Vinyl |                  |        |              |              |                |                 |                    |
| ∞             | B30C-500-595-BK  | Black  | 12.70        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-500-595-BL  | Blue   | 12.70        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-500-595-BR  | Brown  | 12.70        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-500-595-CL  | Clear  | 12.70        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-500-595-GD  | Gold   | 12.70        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-500-595-GN  | Green  | 12.70        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-500-595-GY  | Grey   | 12.70        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-500-595-OR  | Orange | 12.70        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-500-595-PL  | Purple | 12.70        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-500-595-RD  | Red    | 12.70        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-500-595-WT  | White  | 12.70        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-500-595-YL  | Yellow | 12.70        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-1125-595-BK | Black  | 29.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-1125-595-BL | Blue   | 29.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-1125-595-BR | Brown  | 29.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-1125-595-CL | Clear  | 29.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-1125-595-GD | Gold   | 29.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-1125-595-GN | Green  | 29.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-1125-595-GY | Grey   | 29.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-1125-595-OC | Ochre  | 29.00        | 30.40        | 1              | 1               | B30-R60000C        |
| ∞             | B30C-1125-595-OR | Orange | 29.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-1125-595-PL | Purple | 29.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-1125-595-RD | Red    | 29.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-1125-595-WT | White  | 29.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-1125-595-YL | Yellow | 29.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-2250-595-BK | Black  | 57.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-2250-595-BL | Blue   | 57.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-2250-595-BR | Brown  | 57.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-2250-595-CL | Clear  | 57.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-2250-595-GD | Gold   | 57.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-2250-595-GN | Green  | 57.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-2250-595-GY | Grey   | 57.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-2250-595-OC | Ochre  | 57.00        | 30.40        | 1              | 1               | B30-R60000C        |
| ∞             | B30C-2250-595-OR | Orange | 57.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-2250-595-PL | Purple | 57.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-2250-595-RD | Red    | 57.00        | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-2250-595-WT | White  | 57.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-2250-595-YL | Yellow | 57.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-3000-595-WT | White  | 75.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-3000-595-YL | Yellow | 75.00        | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-4000-595-BK | Black  | 101.00       | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-4000-595-BL | Blue   | 101.00       | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-4000-595-BR | Brown  | 101.00       | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-4000-595-CL | Clear  | 101.00       | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-4000-595-GD | Gold   | 101.00       | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-4000-595-GN | Green  | 101.00       | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-4000-595-GY | Grey   | 101.00       | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-4000-595-OC | Ochre  | 101.00       | 30.40        | 1              | 1               | B30-R60000C        |
| ∞             | B30C-4000-595-OR | Orange | 101.00       | 30.40        | 1              | 1               | B30-R10000         |
| ∞             | B30C-4000-595-PL | Purple | 101.00       | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-4000-595-RD | Red    | 101.00       | 30.40        | 1              | 1               | B30-R10000-WT      |
| ∞             | B30C-4000-595-WT | White  | 101.00       | 30.40        | 1              | 1               | B30-R10000         |



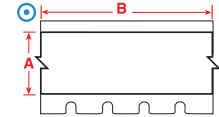
## INDOOR/OUTDOOR VINYL

### GENERAL PURPOSE INDUSTRIAL VINYL FOR INDOOR/OUTDOOR USAGE

- High gloss, durable and flexible identification material
- Adheres to difficult low surface energy materials
- Can handle up to 75°C, which meets industry maintenance temperatures
- Low-shrink Vinyl



| Diagram               | Order Reference   | Colour | Width A (mm) | Length B (m) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-----------------------|-------------------|--------|--------------|--------------|----------------|-----------------|--------------------|
| <b>B-7569 : Vinyl</b> |                   |        |              |              |                |                 |                    |
| ∞                     | B30C-500-7569-BK  | Black  | 12.70        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-500-7569-BL  | Blue   | 12.70        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-500-7569-GN  | Green  | 12.70        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-500-7569-OR  | Orange | 12.70        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-500-7569-RD  | Red    | 12.70        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-500-7569-WT  | White  | 12.70        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-500-7569-YL  | Yellow | 12.70        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-1125-7569-BK | Black  | 29.00        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-1125-7569-BL | Blue   | 29.00        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-1125-7569-GN | Green  | 29.00        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-1125-7569-OR | Orange | 29.00        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-1125-7569-RD | Red    | 29.00        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-1125-7569-WT | White  | 29.00        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-1125-7569-YL | Yellow | 29.00        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-2250-7569-BK | Black  | 57.00        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-2250-7569-BL | Blue   | 57.00        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-2250-7569-GN | Green  | 57.00        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-2250-7569-OR | Orange | 57.00        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-2250-7569-RD | Red    | 57.00        | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-2250-7569-WT | White  | 57.00        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-2250-7569-YL | Yellow | 57.00        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-3000-7569-WT | White  | 75.00        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-3000-7569-YL | Yellow | 75.00        | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-4000-7569-BK | Black  | 101.00       | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-4000-7569-BL | Blue   | 101.00       | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-4000-7569-GN | Green  | 101.00       | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-4000-7569-OR | Orange | 101.00       | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-4000-7569-RD | Red    | 101.00       | 30.00        | 1              | 1               | B30-R10000-WT      |
| ∞                     | B30C-4000-7569-WT | White  | 101.00       | 30.00        | 1              | 1               | B30-R10000         |
| ∞                     | B30C-4000-7569-YL | Yellow | 101.00       | 30.00        | 1              | 1               | B30-R10000         |



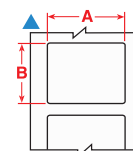
## PRE-CUT BLANK LABELS

### FOR GENERAL PURPOSE, PEEL-OFF-AND-APPLY IDENTIFICATION

- Ideal for a wide range of labelling applications
- Indoor/Outdoor grade material



| Diagram               | Order Reference    | Colour | Width A (mm) | Height B (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-----------------------|--------------------|--------|--------------|---------------|----------------|-----------------|--------------------|
| <b>B-7569 : Vinyl</b> |                    |        |              |               |                |                 |                    |
| ▲                     | B30-25-7569-WT     | White  | 101.00       | 152.00        | 1              | 175             | B30-R10000         |
| ▲                     | B30-25-7569-YL     | Yellow | 101.00       | 152.00        | 1              | 175             | B30-R10000         |
| ▲                     | B30-242-7569-WT    | White  | 29.00        | 72.00         | 1              | 300             | B30-R10000         |
| ▲                     | B30-241-7569-WT    | White  | 57.00        | 75.00         | 1              | 300             | B30-R10000         |
| ▲                     | B30-241-7569-YL    | Yellow | 57.00        | 75.00         | 1              | 300             | B30-R10000         |
| ▲                     | B30-219-7569-WT    | White  | 57.00        | 98.00         | 1              | 250             | B30-R10000         |
| <b>B-595 : Vinyl</b>  |                    |        |              |               |                |                 |                    |
| ▲                     | B30-25-595-BLNKWT  | White  | 101.00       | 152.00        | 1              | 175             | B30-R10000         |
| ▲                     | B30-25-595-BLNKYL  | Yellow | 101.00       | 152.00        | 1              | 175             | B30-R10000         |
| ▲                     | B30-242-595-BLNKWT | White  | 29.00        | 72.00         | 1              | 300             | B30-R10000         |
| ▲                     | B30-241-595-BLNKWT | White  | 57.00        | 75.00         | 1              | 300             | B30-R10000         |
| ▲                     | B30-241-595-BLNKYL | Yellow | 57.00        | 75.00         | 1              | 300             | B30-R10000         |
| ▲                     | B30-219-595-BLNKWT | White  | 57.00        | 98.00         | 1              | 250             | B30-R10000         |



B30-R10000 coloured ribbons can also be used on these parts

Full Material Properties on page 228

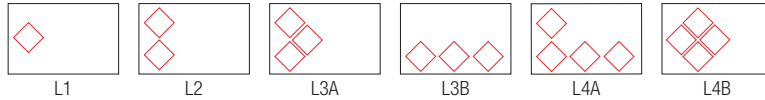




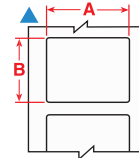
## PRE-PRINTED GHS/CLP CHEMICAL LABELS

PRINT 2 COLOUR GHS LABELS IN ONE FAST PRINT PASS!

- Blank labels with pre-printed red diamonds allow printer to produce 2 colour GHS/CLP labels in one print pass
- 3 sizes of labels, each with 6 different diamond layouts that match templates in MarkWare™ Software
- Indoor/outdoor vinyl material withstands exposure to moisture, chemicals and handling
- MarkWare Software 3.9.1 or higher required (upgrades available for current MarkWare owners)



| Diagram               | Order Reference    | Layout | Width A (mm) | Height B (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-----------------------|--------------------|--------|--------------|---------------|----------------|-----------------|--------------------|
| <b>B-7569 : Vinyl</b> |                    |        |              |               |                |                 |                    |
| ▲                     | B30-260-7569-CLP1  | L1     | 55.00        | 85.00         | 1              | 340             | B30-R10000         |
| ▲                     | B30-260-7569-CLP2  | L2     | 55.00        | 85.00         | 1              | 340             | B30-R10000         |
| ▲                     | B30-260-7569-CLP3A | L3A    | 55.00        | 85.00         | 1              | 340             | B30-R10000         |
| ▲                     | B30-260-7569-CLP3B | L3B    | 55.00        | 85.00         | 1              | 340             | B30-R10000         |
| ▲                     | B30-260-7569-CLP4A | L4A    | 55.00        | 85.00         | 1              | 340             | B30-R10000         |
| ▲                     | B30-260-7569-CLP4B | L4B    | 55.00        | 85.00         | 1              | 340             | B30-R10000         |
| ▲                     | B30-261-7569-CLP1  | L1     | 75.00        | 110.00        | 1              | 270             | B30-R10000         |
| ▲                     | B30-261-7569-CLP2  | L2     | 75.00        | 110.00        | 1              | 270             | B30-R10000         |
| ▲                     | B30-261-7569-CLP3A | L3A    | 75.00        | 110.00        | 1              | 270             | B30-R10000         |
| ▲                     | B30-261-7569-CLP3B | L3B    | 75.00        | 110.00        | 1              | 270             | B30-R10000         |
| ▲                     | B30-261-7569-CLP4A | L4A    | 75.00        | 110.00        | 1              | 270             | B30-R10000         |
| ▲                     | B30-261-7569-CLP4B | L4B    | 75.00        | 110.00        | 1              | 270             | B30-R10000         |
| ▲                     | B30-262-7569-CLP1  | L1     | 105.00       | 155.00        | 1              | 200             | B30-R10000         |
| ▲                     | B30-262-7569-CLP2  | L2     | 105.00       | 155.00        | 1              | 200             | B30-R10000         |
| ▲                     | B30-262-7569-CLP3A | L3A    | 105.00       | 155.00        | 1              | 200             | B30-R10000         |
| ▲                     | B30-262-7569-CLP3B | L3B    | 105.00       | 155.00        | 1              | 200             | B30-R10000         |
| ▲                     | B30-262-7569-CLP4A | L4A    | 105.00       | 155.00        | 1              | 200             | B30-R10000         |
| ▲                     | B30-262-7569-CLP4B | L4B    | 105.00       | 155.00        | 1              | 200             | B30-R10000         |



## CLP/GHS CONSUMABLE KIT

Label chemicals in compliance with the chemicals classification & labelling legislation.

| Art. No. | Order Ref.  | Description                                                |
|----------|-------------|------------------------------------------------------------|
| 195961   | B30-CLP-KIT | Pre-printed GHS/CLP Chemical Labels kit for BBP3x Printers |

This Kit includes one each of the following parts:

| Art. No. | Order Ref.         | Description | Label Width (mm) | Label Height (mm) | Quantity |
|----------|--------------------|-------------|------------------|-------------------|----------|
| 118084   | B30-R10000         | Ribbon(s)   | 110.00           | -                 | 1        |
| 121638   | B30-260-7569-CLP4B | Label(s)    | 55.00            | 85.00             | 340      |
| 121644   | B30-261-7569-CLP4B | Label(s)    | 75.00            | 110.00            | 270      |
| 121650   | B30-262-7569-CLP4B | Label(s)    | 105.00           | 155.00            | 200      |

Compatible with BBP37, BBP35, BBP31 & BBP30 printers.

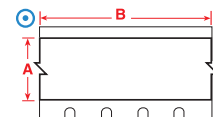


## NON-ADHESIVE CONTINUOUS TAG STOCK

FOR SAFETY, LOCKOUT AND GENERAL PURPOSE HANGING TAGS

- Non-adhesive, polyester stock
- Easy to hole-punch; optional snap-in grommets available. Order Reference: 020596
- Meets OSHA 50lb pullout spec for lockout tags

| Diagram                      | Order Reference  | Colour | Width A (mm) | Length B (m) | Labels per Row | Labels per Roll | Recommended Ribbon |
|------------------------------|------------------|--------|--------------|--------------|----------------|-----------------|--------------------|
| <b>B-551 : Polyester Tag</b> |                  |        |              |              |                |                 |                    |
| ∞                            | B30C-2500-551-WT | White  | 64.00        | 15.24        | 1              | 1               | B30-R10000         |
| ∞                            | B30C-3250-551-WT | White  | 83.00        | 15.24        | 1              | 1               | B30-R10000         |
| ∞                            | B30C-4250-551-WT | White  | 108.00       | 15.24        | 1              | 1               | B30-R10000         |



Full Material Properties on page 228

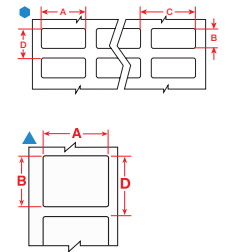
## POLYESTER LABELS

### FOR GENERAL PURPOSE INDUSTRIAL ID APPLICATIONS

- Widely used for PC board component ID, bin and shelf labels, barcoding and asset tracking
- 3 levels of adhesive strength



| Diagram                                                                   | Order Reference | Brady Material No. | Colour | Width A (mm) | Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------------------------------------------------------------|-----------------|--------------------|--------|--------------|---------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| For smooth, textured/rough or Highly textured/Low surface energy surfaces |                 |                    |        |              |               |                          |                        |                |                 |                    |
| ●                                                                         | B33-5-483       | B-483              | White  | 25.40        | 12.70         | 27.31                    | 15.24                  | 3              | 5000            | B30-R6000HF        |
| ●                                                                         | B33-5-489       | B-489              | White  | 25.40        | 12.70         | 27.31                    | 15.24                  | 3              | 5000            | B30-R4300          |
| ▲                                                                         | B33-17-483      | B-483              | White  | 50.80        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-17-489      | B-489              | White  | 50.80        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| ▲                                                                         | B33-19-483      | B-483              | White  | 76.20        | 50.80         | -                        | 54.00                  | 1              | 500             | B30-R6000HF        |
| ▲                                                                         | B33-18-483      | B-483              | White  | 76.20        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-19-489      | B-489              | White  | 76.20        | 50.80         | -                        | 54.00                  | 1              | 500             | B30-R4300          |
| ▲                                                                         | B33-18-489      | B-489              | White  | 76.20        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| For smooth & textured/rough surfaces                                      |                 |                    |        |              |               |                          |                        |                |                 |                    |
| ▲                                                                         | B33-17-432      | B-432              | Clear  | 50.80        | 25.40         | -                        | 28.60                  | 1              | 5000            | B30-R6000HF        |
| ▲                                                                         | B33-18-432      | B-432              | Clear  | 76.20        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-19-432      | B-432              | Clear  | 76.20        | 50.80         | -                        | 54.00                  | 1              | 500             | B30-R6000HF        |
| For smooth surfaces                                                       |                 |                    |        |              |               |                          |                        |                |                 |                    |
| ●                                                                         | B33-12-8423     | B-8423             | White  | 12.70        | 11.10         | 12.70                    | 14.13                  | 7              | 2500            | B30-R6000HF        |
| ●                                                                         | B33-101-8423    | B-8423             | White  | 19.05        | 6.35          | 19.05                    | 9.40                   | 5              | 2500            | B30-R6000HF        |
| ●                                                                         | B33-G2-8423YL   | B-8423             | Yellow | 20.00        | 8.00          | 23.00                    | 15.00                  | 4              | 5000            | B30-R6000HF        |
| ●                                                                         | B33-5-423       | B-423              | White  | 25.40        | 12.70         | 27.31                    | 15.24                  | 3              | 5000            | B30-R6000HF        |
| ●                                                                         | B33-13-8423     | B-8423             | White  | 31.75        | 6.35          | 34.75                    | 9.35                   | 3              | 2500            | B30-R6000HF        |
| ●                                                                         | B33-104-8423    | B-8423             | White  | 38.10        | 6.35          | 50.45                    | 9.33                   | 2              | 2500            | B30-R6000HF        |
| ●                                                                         | B33-6-8423      | B-8423             | White  | 38.10        | 19.05         | 50.10                    | 22.05                  | 2              | 2500            | B30-R6000HF        |
| ▲                                                                         | B33-17-423      | B-423              | White  | 50.80        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-17-430      | B-430              | Clear  | 50.80        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-18-423      | B-423              | White  | 76.20        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
| ▲                                                                         | B33-18-430      | B-430              | Clear  | 76.20        | 25.40         | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |



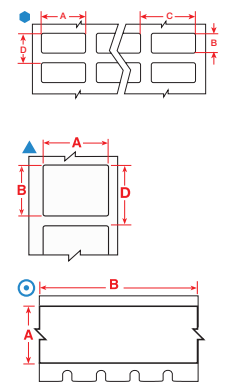
## METALLISED POLYESTER LABELS

### FOR PRODUCT LABELLING, ASSET TRACKING AND GENERAL INDUSTRIAL ID.

- Silver metallic label withstands solvents and variable temperatures
- Ideal for serial number plates and rating plates with nameplate quality and metal looking finish



| Diagram                              | Order Reference  | Brady Material No. | Colour | Width A (mm) | Height B (mm) | Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|--------------------------------------|------------------|--------------------|--------|--------------|---------------|--------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| For smooth surfaces                  |                  |                    |        |              |               |              |                          |                        |                |                 |                    |
| ●                                    | B33-616-428      | B-428              | Silver | 22.86        | 19.05         | -            | 25.86                    | 22.05                  | 3              | 3000            | B30-R4300          |
| ●                                    | B33-5-428        | B-428              | Silver | 25.40        | 12.70         | -            | 27.31                    | 15.24                  | 3              | 5000            | B30-R4300          |
| ∞                                    | B30C-1125-565-SL | B-565              | Silver | 29.00        | -             | 30.40        | -                        | -                      | 1              | 1               | B30-R10000         |
| ●                                    | B33-6-7563       | B-7563             | Silver | 38.10        | 19.05         | -            | 50.10                    | 22.05                  | 2              | 2500            | B30-R6000HF        |
| ●                                    | B30-135-7563     | B-7563             | Silver | 38.10        | 19.05         | -            | 50.80                    | 22.22                  | 2              | 3154            | B30-R6000HF        |
| ▲                                    | B30-17-7563      | B-7563             | Silver | 50.80        | 25.40         | -            | -                        | 28.57                  | 1              | 1226            | B30-R6000HF        |
| ▲                                    | B30-17-438       | B-438              | Silver | 50.80        | 25.40         | -            | -                        | 28.60                  | 1              | 1225            | B30-R4300          |
| ▲                                    | B33-17-428       | B-428              | Silver | 50.80        | 25.40         | -            | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| ∞                                    | B30C-2250-565-SL | B-565              | Silver | 57.00        | -             | 30.40        | -                        | -                      | 1              | 1               | B30-R10000         |
| ▲                                    | B30-7-7563       | B-7563             | Silver | 69.85        | 31.75         | -            | -                        | 34.92                  | 1              | 1003            | B30-R6000HF        |
| ∞                                    | B30C-3000-438    | B-438              | Silver | 75.00        | -             | 30.40        | -                        | -                      | 1              | 1               | B30-R4300          |
| ▲                                    | B30-222-7563     | B-7563             | Silver | 76.20        | 50.80         | -            | -                        | 57.15                  | 1              | 649             | B30-R6000HF        |
| ▲                                    | B30-18-438       | B-438              | Silver | 76.20        | 25.40         | -            | -                        | 31.75                  | 1              | 1225            | B30-R4300          |
| ▲                                    | B30-222-438      | B-438              | Silver | 76.20        | 50.80         | -            | -                        | 57.15                  | 1              | 650             | B30-R4300          |
| ▲                                    | B33-18-428       | B-428              | Silver | 76.20        | 25.40         | -            | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
| ∞                                    | B30C-4000-565-SL | B-565              | Silver | 101.00       | -             | 30.40        | -                        | -                      | 1              | 1               | B30-R10000         |
| For smooth & textured/rough surfaces |                  |                    |        |              |               |              |                          |                        |                |                 |                    |

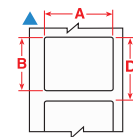
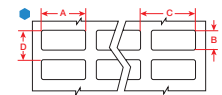


Full Material Properties on page 228

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## METALLISED POLYESTER LABELS (CONTINUED)

| Diagram                                                                   | Order Reference | Brady Material No. | Colour | Size - Width A (mm) | Size - Height B (mm) | Size - Length C (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------------------------------------------------------------|-----------------|--------------------|--------|---------------------|----------------------|----------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| For smooth & textured/rough surfaces                                      |                 |                    |        |                     |                      |                      |                          |                        |                |                 |                    |
|                                                                           | B33-5-434       | B-434              | Silver | 25.40               | 12.70                | -                    | 27.31                    | 15.24                  | 3              | 5000            | B30-R6000HF        |
|                                                                           | B33-17-434      | B-434              | Silver | 50.80               | 25.40                | -                    | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
|                                                                           | B33-18-434      | B-434              | Silver | 76.20               | 25.40                | -                    | -                        | 28.60                  | 1              | 1500            | B30-R6000HF        |
|                                                                           | B33-19-434      | B-434              | Silver | 76.20               | 50.80                | -                    | -                        | 54.00                  | 1              | 500             | B30-R6000HF        |
| For smooth, textured/rough or Highly textured/Low surface energy surfaces |                 |                    |        |                     |                      |                      |                          |                        |                |                 |                    |
|                                                                           | B33-5-486       | B-486              | Silver | 25.40               | 12.70                | -                    | 27.31                    | 15.24                  | 3              | 5000            | B30-R4300          |
|                                                                           | B33-17-486      | B-486              | Silver | 50.80               | 25.40                | -                    | -                        | 28.60                  | 1              | 1300            | B30-R4300          |
|                                                                           | B33-19-486      | B-486              | Silver | 76.20               | 50.80                | -                    | -                        | 54.00                  | 1              | 500             | B30-R4300          |
|                                                                           | B33-18-486      | B-486              | Silver | 76.20               | 25.40                | -                    | -                        | 28.60                  | 1              | 1300            | B30-R4300          |

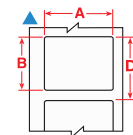


## PAPER LABELS

ECONOMICAL CHOICE FOR LIGHT DUTY GENERAL ID.

- White finish and matt topcoat
- Excellent contrast and smear resistance for barcode printing

| Diagram       | Order Reference | Colour | Size - Width A (mm) | Size - Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------|-----------------|--------|---------------------|----------------------|------------------------|----------------|-----------------|--------------------|
| B-424 : Paper |                 |        |                     |                      |                        |                |                 |                    |
|               | B33-25-424      | White  | 152.40              | 101.60               | 155.60                 | 1              | 350             | B30-R4300          |
|               | B33-17-424      | White  | 50.80               | 25.40                | 28.60                  | 1              | 1500            | B30-R4300          |
|               | B33-18-424      | White  | 76.20               | 25.40                | 28.60                  | 1              | 1500            | B30-R4300          |
|               | B33-19-424      | White  | 76.20               | 50.80                | 54.00                  | 1              | 500             | B30-R4300          |

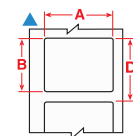
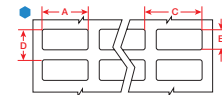


## POLYPROPYLENE LABELS

GENERAL LABELLING MATERIAL FOR INDOOR USE.

- Outstanding chemical and solvent resistance and print performance
- Not recommended for prolonged outdoor use (use B-595 indoor/outdoor vinyl for 8-10 year outdoor use)

| Diagram              | Order Reference | Colour | Size - Width A (mm) | Size - Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|----------------------|-----------------|--------|---------------------|----------------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-425: Polypropylene |                 |        |                     |                      |                          |                        |                |                 |                    |
|                      | B33-5-425       | White  | 25.40               | 12.70                | 27.31                    | 15.24                  | 3              | 5000            | B30-R4300          |
|                      | B33-17-425      | White  | 50.80               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
|                      | B33-18-425      | White  | 76.20               | 25.40                | -                        | 28.60                  | 1              | 1500            | B30-R4300          |
|                      | B33-19-425      | White  | 76.20               | 50.80                | -                        | 54.00                  | 1              | 500             | B30-R4300          |

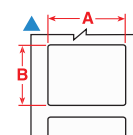


## OUTDOOR GRADE VINYL LABELS

FOR 8-10 YEAR OUTDOOR USE

- Semi-gloss finish
- Good chemical, moisture, UV and weather resistance
- Highly pliable material conforms to rough and curved surfaces and equipment
- Average outdoor durability of the label is 8-10 years depending on the placement

| Diagram       | Order Reference    | Colour | Size - Width A (mm) | Size - Height B (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------|--------------------|--------|---------------------|----------------------|----------------|-----------------|--------------------|
| B-595 : Vinyl |                    |        |                     |                      |                |                 |                    |
|               | B30-242-595-BLNKWT | White  | 29.00               | 72.00                | 1              | 300             | B30-R10000         |
|               | B30-241-595-BLNKWT | White  | 57.00               | 75.00                | 1              | 300             | B30-R10000         |
|               | B30-241-595-BLNKYL | Yellow | 57.00               | 75.00                | 1              | 300             | B30-R10000         |
|               | B30-219-595-BLNKWT | White  | 57.00               | 98.00                | 1              | 250             | B30-R10000         |
|               | B30-25-595-BLNKWT  | White  | 101.00              | 152.00               | 1              | 175             | B30-R10000         |
|               | B30-25-595-BLNKYL  | Yellow | 101.00              | 152.00               | 1              | 175             | B30-R10000         |



B30-R10000 coloured ribbons can also be used on these parts

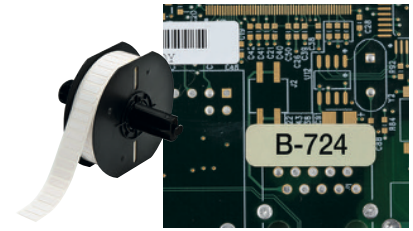


Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material colour. The up to 8 to 10 year outdoor durability applies to the vinyl label stock only; ribbon durability will vary. A polyester overlamine is recommended for harsh environments - long term exposure to wind and rain.

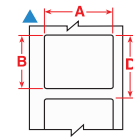
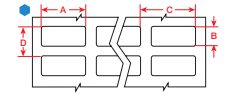
## STANDARD POLYIMIDE LABELS

FOR CIRCUIT BOARD LABELS AND HIGH-TEMPERATURE GENERAL ID APPLICATIONS

- Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of printed circuit boards
- For use on top bottom-side component ID or board ID



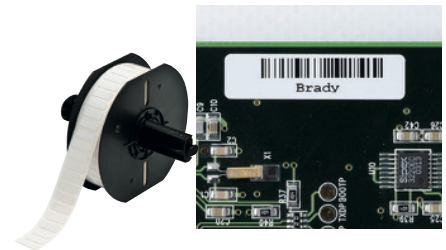
| Diagram           | Order Reference | Colour | Width A (mm) | Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-------------------|-----------------|--------|--------------|---------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-724 : Polyimide |                 |        |              |               |                          |                        |                |                 |                    |
|                   | B33-2-724       | Amber  | 22.86        | 6.35          | 28.60                    | 8.90                   | 3              | 5000            | B30-R4300          |
|                   | B33-4-724       | Amber  | 38.10        | 6.35          | 41.91                    | 8.90                   | 2              | 5000            | B30-R4300          |
| B-727 : Polyimide |                 |        |              |               |                          |                        |                |                 |                    |
|                   | B33-11-727      | White  | 6.35         | 6.35          | 6.40                     | 9.50                   | 12             | 5000            | B30-R6000HF        |
|                   | B33-1-727       | White  | 19.05        | 6.35          | 20.30                    | 8.90                   | 4              | 5000            | B30-R6000HF        |
|                   | B33-46-727      | White  | 19.05        | 6.35          | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                   | B33-49-727      | White  | 22.86        | 6.35          | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                   | B33-103-727     | White  | 25.40        | 6.35          | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                   | B33-58-727      | White  | 25.40        | 9.53          | -                        | 12.10                  | 1              | 4000            | B30-R6000HF        |
|                   | B33-59-727      | White  | 25.40        | 12.70         | -                        | 15.20                  | 1              | 2500            | B30-R6000HF        |
|                   | B33-43-727      | White  | 31.75        | 6.35          | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |
|                   | B33-44-727      | White  | 34.93        | 6.35          | -                        | 8.90                   | 1              | 5000            | B30-R6000HF        |



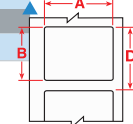
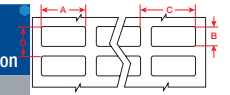
## STATIC DISSIPATIVE POLYIMIDE LABELS

FOR PRINTED CIRCUIT BOARD ID AND ELECTRONIC COMPONENT ID

- Static dissipative adhesive and release liner with surface resistivity values
- Complies with EIA-541 Packaging Material Standards for ESD sensitive items
- Withstands the various processes, fluxes and cleaning solvents encountered in the manufacture of PC Boards
- For use on top or bottom-sided component ID or board ID



| Diagram           | Order Reference | Colour | Width A (mm) | Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-------------------|-----------------|--------|--------------|---------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-717 : Polyimide |                 |        |              |               |                          |                        |                |                 |                    |
|                   | B33-43-717      | White  | 31.75        | 6.35          | -                        | 7.62                   | 1              | 5000            | B30-R6000HF        |
| B-719 : Polyimide |                 |        |              |               |                          |                        |                |                 |                    |
|                   | B33-43-719      | White  | 31.75        | 6.35          | -                        | 8.89                   | 1              | 5000            | B30-R6000HF        |



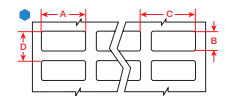
## POLYESTER LABELS

FOR CIRCUIT BOARD AND COMPONENT IDENTIFICATION

- Top and bottom-side component ID



| Diagram            | Order Reference | Colour | Width A (mm) | Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|--------------------|-----------------|--------|--------------|---------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-8423 : Polyester |                 |        |              |               |                          |                        |                |                 |                    |
|                    | B33-12-8423     | White  | 12.70        | 11.10         | 12.70                    | 14.13                  | 7              | 2500            | B30-R6000HF        |
|                    | B33-101-8423    | White  | 19.05        | 6.35          | 19.05                    | 9.40                   | 5              | 2500            | B30-R6000HF        |
|                    | B33-G2-8423YL   | Yellow | 20.00        | 8.00          | 23.00                    | 15.00                  | 4              | 5000            | B30-R6000HF        |
|                    | B33-13-8423     | White  | 31.75        | 6.35          | 34.75                    | 9.35                   | 3              | 2500            | B30-R6000HF        |
|                    | B33-104-8423    | White  | 38.10        | 6.35          | 50.45                    | 9.33                   | 2              | 2500            | B30-R6000HF        |



Full Material Properties on page 228





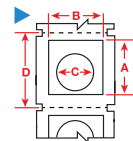
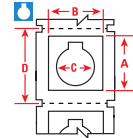
## RAISED PROFILE LABELS - PUSH BUTTON STYLE

LOWER COST THAN ENGRAVED LEGEND PLATES

- High gloss, polyester label with thick raised profile and ultra-aggressive adhesive (total thickness = 0.65 mm)
- High performance, low cost substitute to engraved plates
- 10 year outdoor durability rating
- On-demand labelling: labels print out in less than 4 seconds
- 5 push button sizes (including keyed and non-keyed 22.50 mm and 30.50 mm hole diam keyed)



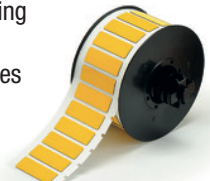
| Diagram                 | Order Reference   | Colour | Size - Width A (mm) | Size - Height B (mm) | Hole Diameter C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-------------------------|-------------------|--------|---------------------|----------------------|----------------------|------------------------|----------------|-----------------|--------------------|
| <b>B-593: Polyester</b> |                   |        |                     |                      |                      |                        |                |                 |                    |
|                         | B30EP-167-593-WT  | White  | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R6000HF        |
|                         | B30EP-167-593-RD  | Red    | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                         | B30EP-167-593-YL  | Yellow | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R6000HF        |
|                         | B30EP-167-593-GN  | Green  | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                         | B30EP-167-593-BK  | Black  | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                         | B30EP-167U-593-WT | White  | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R6000HF        |
|                         | B30EP-167U-593-RD | Red    | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                         | B30EP-167U-593-YL | Yellow | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R6000HF        |
|                         | B30EP-167U-593-GN | Green  | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                         | B30EP-167U-593-BK | Black  | 38.10               | 30.48                | 22.50                | 44.50                  | 1              | 235             | B30-R4400-WT       |
|                         | B30EP-169-593-WT  | White  | 45.72               | 45.72                | 30.50                | 50.80                  | 1              | 190             | B30-R6000HF        |
|                         | B30EP-169-593-RD  | Red    | 45.72               | 45.72                | 30.50                | 50.80                  | 1              | 190             | B30-R4400-WT       |
|                         | B30EP-169-593-YL  | Yellow | 45.72               | 45.72                | 30.50                | 50.80                  | 1              | 190             | B30-R6000HF        |
|                         | B30EP-169-593-GN  | Green  | 45.72               | 45.72                | 30.50                | 50.80                  | 1              | 190             | B30-R4400-WT       |
|                         | B30EP-169-593-BK  | Black  | 45.72               | 45.72                | 30.50                | 50.80                  | 1              | 190             | B30-R4400-WT       |
|                         | B30EP-168-593-WT  | White  | 48.26               | 30.48                | 22.50                | 54.00                  | 1              | 180             | B30-R6000HF        |
|                         | B30EP-168-593-RD  | Red    | 48.26               | 30.48                | 22.50                | 54.00                  | 1              | 180             | B30-R4400-WT       |
|                         | B30EP-168-593-YL  | Yellow | 48.26               | 30.48                | 22.50                | 54.00                  | 1              | 180             | B30-R6000HF        |
|                         | B30EP-168-593-GN  | Green  | 48.26               | 30.48                | 22.50                | 54.00                  | 1              | 180             | B30-R4400-WT       |
|                         | B30EP-168-593-BK  | Black  | 48.26               | 30.48                | 22.50                | 54.00                  | 1              | 180             | B30-R4400-WT       |
|                         | B30EP-170-593-WT  | White  | 60.96               | 60.96                | 30.50                | 66.70                  | 1              | 145             | B30-R6000HF        |
|                         | B30EP-170-593-RD  | Red    | 60.96               | 60.96                | 30.50                | 66.70                  | 1              | 145             | B30-R4400-WT       |
|                         | B30EP-170-593-YL  | Yellow | 60.96               | 60.96                | 30.50                | 66.70                  | 1              | 145             | B30-R6000HF        |
|                         | B30EP-170-593-GN  | Green  | 60.96               | 60.96                | 30.50                | 66.70                  | 1              | 145             | B30-R4400-WT       |
|                         | B30EP-170-593-BK  | Black  | 60.96               | 60.96                | 30.50                | 66.70                  | 1              | 145             | B30-R4400-WT       |



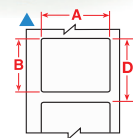
## RAISED PROFILE LABELS

LOWER COST THAN ENGRAVED LEGEND PLATES

- High gloss, polyester label with thick raised profile and ultra-aggressive adhesive (0.65 mm)
- Ideal for inside-panel backer board labels and front-of-enclosure labelling
- On-demand labelling: labels print out in less than 4 seconds
- No need to abbreviate your text to avoid per character engraving charges
- 10-year outdoor durability rating
- 6 colours, 7 rectangular sizes



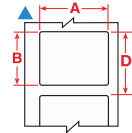
| Diagram                 | Order Reference  | Colour | Size - Width A (mm) | Size - Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-------------------------|------------------|--------|---------------------|----------------------|------------------------|----------------|-----------------|--------------------|
| <b>B-593: Polyester</b> |                  |        |                     |                      |                        |                |                 |                    |
|                         | B30EP-171-593-WT | White  | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R6000HF        |
|                         | B30EP-171-593-RD | Red    | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R4400-WT       |
|                         | B30EP-171-593-YL | Yellow | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R6000HF        |
|                         | B30EP-171-593-GN | Green  | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R4400-WT       |
|                         | B30EP-171-593-SL | Silver | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R6000HF        |
|                         | B30EP-171-593-BK | Black  | 26.92               | 12.70                | 19.10                  | 1              | 610             | B30-R4400-WT       |
|                         | B30EP-172-593-WT | White  | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R6000HF        |
|                         | B30EP-172-593-RD | Red    | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R4400-WT       |
|                         | B30EP-172-593-YL | Yellow | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R6000HF        |
|                         | B30EP-172-593-GN | Green  | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R4400-WT       |
|                         | B30EP-172-593-SL | Silver | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R6000HF        |
|                         | B30EP-172-593-BK | Black  | 44.99               | 14.99                | 21.60                  | 1              | 450             | B30-R4400-WT       |
|                         | B30EP-173-593-WT | White  | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
|                         | B30EP-173-593-RD | Red    | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |
|                         | B30EP-173-593-YL | Yellow | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
|                         | B30EP-173-593-GN | Green  | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |
|                         | B30EP-173-593-SL | Silver | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R6000HF        |
|                         | B30EP-173-593-BK | Black  | 50.80               | 25.40                | 31.80                  | 1              | 340             | B30-R4400-WT       |
|                         | B30EP-175-593-WT | White  | 76.20               | 19.05                | 25.40                  | 1              | 435             | B30-R6000HF        |



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## RAISED PROFILE LABELS (CONTINUED)

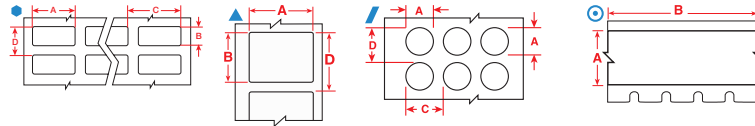
| Diagram | Order Reference  | Colour | Width A (mm) | Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------|------------------|--------|--------------|---------------|------------------------|----------------|-----------------|--------------------|
| ▲       | B30EP-175-593-YL | Yellow | 76.20        | 19.05         | 25.40                  | 1              | 375             | B30-R6000HF        |
| ▲       | B30EP-175-593-GN | Green  | 76.20        | 19.05         | 25.40                  | 1              | 375             | B30-R4400-WT       |
| ▲       | B30EP-175-593-BK | Black  | 76.20        | 19.05         | 25.40                  | 1              | 375             | B30-R4400-WT       |
| ▲       | B30EP-176-593-WT | White  | 76.20        | 25.40         | 31.80                  | 1              | 300             | B30-R6000HF        |
| ▲       | B30EP-176-593-YL | Yellow | 76.20        | 25.40         | 31.80                  | 1              | 300             | B30-R6000HF        |
| ▲       | B30EP-176-593-GN | Green  | 76.20        | 25.40         | 31.80                  | 1              | 300             | B30-R4400-WT       |
| ▲       | B30EP-176-593-BK | Black  | 76.20        | 25.40         | 31.80                  | 1              | 300             | B30-R4400-WT       |
| ▲       | B30EP-177-593-WT | White  | 76.20        | 63.50         | 69.90                  | 1              | 125             | B30-R6000HF        |
| ▲       | B30EP-177-593-YL | Yellow | 76.20        | 63.50         | 69.90                  | 1              | 125             | B30-R6000HF        |
| ▲       | B30EP-177-593-GN | Green  | 76.20        | 63.50         | 69.90                  | 1              | 125             | B30-R4400-WT       |
| ▲       | B30EP-177-593-BK | Black  | 76.20        | 63.50         | 69.90                  | 1              | 125             | B30-R4400-WT       |
| ▲       | B30EP-174-593-WT | White  | 101.60       | 25.40         | 31.80                  | 1              | 300             | B30-R6000HF        |
| ▲       | B30EP-174-593-RD | Red    | 101.60       | 25.40         | 31.80                  | 1              | 300             | B30-R4400-WT       |
| ▲       | B30EP-174-593-YL | Yellow | 101.60       | 25.40         | 31.80                  | 1              | 300             | B30-R6000HF        |
| ▲       | B30EP-174-593-GN | Green  | 101.60       | 25.40         | 31.80                  | 1              | 300             | B30-R4400-WT       |
| ▲       | B30EP-174-593-SL | Silver | 101.60       | 25.40         | 31.80                  | 1              | 300             | B30-R6000HF        |
| ▲       | B30EP-174-593-BK | Black  | 101.60       | 25.40         | 31.80                  | 1              | 300             | B30-R4400-WT       |



## INSIDE-PANEL COMPONENT LABELS

FOR AUTOMATION & ELECTRICAL PANELS AND ENCLOSURES

- Various sizes in several durable material types
- Ideal for marking backer board, DIN rail, relays, PLCs, switches, solenoids, drive motors and other components
- All recommended materials are flexible and have high-tack adhesives for adhesion to wide variety of surfaces and components



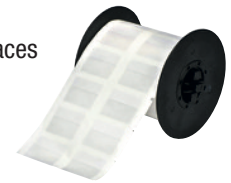
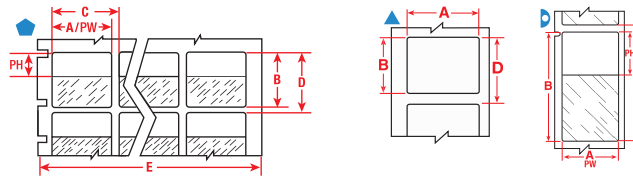
| Diagram                   | Order Reference  | Colour | Width A (mm) | Height B (mm) | Length B (m) | Size - Diam A (mm) | Vertical Repeat D (mm) | Horizontal Repeat C (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------------|------------------|--------|--------------|---------------|--------------|--------------------|------------------------|--------------------------|----------------|-----------------|--------------------|
| <b>B-483: Polyester</b>   |                  |        |              |               |              |                    |                        |                          |                |                 |                    |
| ●                         | B33-5-483        | White  | 25.40        | 12.70         | -            | -                  | 15.24                  | 27.31                    | 3              | 5000            | B30-R6000HF        |
| ▲                         | B33-17-483       | White  | 50.80        | 25.40         | -            | -                  | 28.60                  | -                        | 1              | 1500            | B30-R6000HF        |
| ▲                         | B33-18-483       | White  | 76.20        | 25.40         | -            | -                  | 28.60                  | -                        | 1              | 1500            | B30-R6000HF        |
| ▲                         | B33-19-483       | White  | 76.20        | 50.80         | -            | -                  | 54.00                  | -                        | 1              | 500             | B30-R6000HF        |
| <b>B-498: Vinyl Cloth</b> |                  |        |              |               |              |                    |                        |                          |                |                 |                    |
| ●                         | B33-90-498       | White  | 6.35         | 36.50         | -            | -                  | 39.70                  | 8.90                     | 6              | 2500            | B30-R6200          |
| ●                         | B33-68-498       | White  | 12.70        | 19.05         | -            | -                  | 22.20                  | 15.20                    | 4              | 5000            | B30-R6200          |
| ●                         | B33-87-498       | White  | 12.70        | 36.50         | -            | -                  | 39.70                  | 15.20                    | 6              | 2500            | B30-R6200          |
| ●                         | B33-1-498        | White  | 19.05        | 6.35          | -            | -                  | 8.90                   | 20.30                    | 4              | 5000            | B30-R6200          |
| ●                         | B33-95-498       | White  | 20.32        | 36.50         | -            | -                  | 39.70                  | 22.90                    | 3              | 2300            | B30-R6200          |
| ●                         | B33-5-498        | White  | 25.40        | 12.70         | -            | -                  | 15.24                  | 27.31                    | 3              | 5000            | B30-R6200          |
| ●                         | B33-88-498       | White  | 25.40        | 19.05         | -            | -                  | 22.20                  | 27.90                    | 2              | 2500            | B30-R6200          |
| ●                         | B33-89-498       | White  | 25.40        | 36.50         | -            | -                  | 39.70                  | 27.90                    | 3              | 2300            | B30-R6200          |
| <b>B-499: Nylon Cloth</b> |                  |        |              |               |              |                    |                        |                          |                |                 |                    |
| /                         | B33-143-499      | White  | -            | -             | -            | 9.53               | 12.70                  | 12.10                    | 4              | 1500            | B30-R6000HF        |
| /                         | B33-144-499      | White  | -            | -             | -            | 12.70              | 15.90                  | 15.20                    | 3              | 1500            | B30-R6000HF        |
| /                         | B33-602-499      | White  | -            | -             | -            | 9.53               | 16.50                  | 12.53                    | 3              | 3000            | B30-R6000HF        |
| /                         | B33-602-499YL    | Yellow | -            | -             | -            | 9.53               | 16.50                  | 12.53                    | 3              | 3000            | B30-R6000HF        |
| /                         | B33-603-499      | White  | -            | -             | -            | 12.70              | 15.70                  | 15.70                    | 3              | 3000            | B30-R6000HF        |
| /                         | B33-603-499YL    | Yellow | -            | -             | -            | 12.70              | 15.70                  | 15.70                    | 3              | 3000            | B30-R6000HF        |
| ●                         | B33-68-499       | White  | 12.70        | 19.05         | -            | -                  | 22.20                  | 15.20                    | 4              | 1500            | B30-R6000HF        |
| ●                         | B33-165-499      | White  | 20.32        | 36.50         | -            | -                  | 39.70                  | 22.90                    | 4              | 2500            | B30-R6000HF        |
| ▲                         | B33-125-499      | White  | 22.86        | 12.70         | -            | -                  | 15.24                  | -                        | 1              | 1500            | B30-R6000HF        |
| ●                         | B33-152-499      | White  | 25.40        | 9.53          | -            | -                  | 12.07                  | 27.94                    | 2              | 1500            | B30-R6000HF        |
| ▲                         | B33-137-499      | White  | 25.40        | 50.80         | -            | -                  | 28.60                  | -                        | 1              | 1100            | B30-R6000HF        |
| ▲                         | B33-136-499      | White  | 38.10        | 19.05         | -            | -                  | 16.50                  | -                        | 1              | 1500            | B30-R6000HF        |
| ▲                         | B33-151-499      | White  | 50.80        | 6.35          | -            | -                  | 8.89                   | -                        | 1              | 1500            | B30-R6000HF        |
| <b>B-593: Polyester</b>   |                  |        |              |               |              |                    |                        |                          |                |                 |                    |
| ▲                         | B30EP-171-593-WT | White  | 26.92        | 12.70         | -            | -                  | 19.10                  | -                        | 1              | 500             | B30-R6000HF        |
| ▲                         | B30EP-171-593-SL | Silver | 26.92        | 12.70         | -            | -                  | 19.10                  | -                        | 1              | 500             | B30-R6000HF        |
| ▲                         | B30EP-171-593-BK | Black  | 26.92        | 12.70         | -            | -                  | 19.10                  | -                        | 1              | 500             | B30-R4400-WT       |
| <b>B-595: Vinyl</b>       |                  |        |              |               |              |                    |                        |                          |                |                 |                    |
| ∞                         | B30C-500-595-WT  | White  | 12.70        | -             | 30.40        | -                  | -                      | -                        | 1              | 1               | B30-R10000         |
| ∞                         | B30C-500-595-YL  | Yellow | 12.70        | -             | 30.40        | -                  | -                      | -                        | 1              | 1               | B30-R10000         |



## SELF-LAMINATING WIRE & CABLE MARKERS

BRADY'S MOST POPULAR WIRE MARKER!

- Features white printable area with clear "tail" that wraps around marker to protect text
- Superior resistance to abrasion, handling, solvents, water, oil and dirt
- Permanent acrylic adhesive designed specifically for tightly curved surfaces



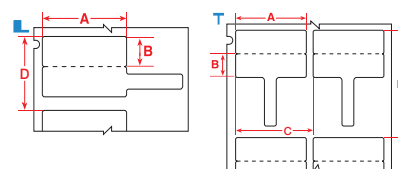
| Diagram                       | Order Reference | Colour            | Width A (mm) | Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Horizontal Repeat C (mm) | Labels per Row | Labels per Roll | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Recommended Ribbon |
|-------------------------------|-----------------|-------------------|--------------|---------------|------------------------------|-------------------------------|------------------------|--------------------------|----------------|-----------------|-------------------------|-------------------------|--------------------|
| B-427 : Self-laminating Vinyl |                 |                   |              |               |                              |                               |                        |                          |                |                 |                         |                         |                    |
|                               | B33-80-427      | White/Transparent | 12.70        | 19.05         | 12.70                        | 9.53                          | 24.10                  | 15.20                    | 4              | 2500            | 2.00                    | 3.00                    | B30-R4300          |
|                               | B33-113-427     | White/Transparent | 12.70        | 25.40         | 12.70                        | 9.53                          | 28.60                  | 15.20                    | 4              | 2500            | 2.70                    | 5.10                    | B30-R4300          |
|                               | B33-8-427       | White/Transparent | 12.70        | 36.50         | 12.70                        | 12.70                         | 41.30                  | 16.80                    | 5              | 5000            | 3.90                    | 7.60                    | B30-R4300          |
|                               | B33-56-427      | White/Transparent | 19.05        | 23.81         | 19.05                        | 9.53                          | 28.60                  | 20.30                    | 4              | 5000            | 2.50                    | 4.50                    | B30-R4300          |
|                               | B33-73-427      | White/Transparent | 19.05        | 44.45         | 19.05                        | 12.70                         | 47.60                  | 20.30                    | 4              | 3500            | 4.70                    | 10.10                   | B30-R4300          |
|                               | B33-74-427      | White/Transparent | 20.32        | 36.50         | 20.32                        | 12.70                         | 41.30                  | 20.30                    | 4              | 4000            | 3.90                    | 7.60                    | B30-R4300          |
|                               | B33-81-427      | White/Transparent | 25.40        | 152.40        | 25.40                        | 38.10                         | 157.10                 | 27.90                    | 2              | 500             | 16.20                   | 36.40                   | B30-R4300          |
|                               | B33-115-427     | White/Transparent | 25.40        | 19.05         | 25.40                        | 9.53                          | 22.20                  | 27.94                    | 1              | 2500            | -                       | -                       | B30-R4300          |
|                               | B33-116-427     | White/Transparent | 25.40        | 25.40         | 25.40                        | 9.53                          | 28.60                  | 27.90                    | 2              | 2500            | 2.70                    | 5.10                    | B30-R4300          |
|                               | B33-211-427     | White/Transparent | 25.40        | 25.40         | 25.40                        | 9.53                          | 32.13                  | 29.74                    | 3              | 3000            | 2.70                    | 5.10                    | B30-R4300          |
|                               | B33-311-427     | White/Transparent | 25.40        | 31.75         | 25.40                        | 12.70                         | 37.72                  | 28.50                    | 3              | 3000            | 3.40                    | 6.10                    | B30-R4300          |
|                               | B33-9-427       | White/Transparent | 25.40        | 36.50         | 25.40                        | 12.70                         | 41.30                  | 27.30                    | 3              | 2500            | 3.90                    | 7.60                    | B30-R4300          |
|                               | B33-75-427      | White/Transparent | 25.40        | 57.15         | 25.40                        | 19.05                         | 60.30                  | 27.90                    | 2              | 1400            | 6.10                    | 12.10                   | B30-R4300          |
|                               | B33-511-427     | White/Transparent | 25.40        | 63.50         | 25.40                        | 19.05                         | 70.64                  | 33.50                    | 3              | 1500            | 6.70                    | 14.20                   | B30-R4300          |
|                               | B33-10-427      | White/Transparent | 25.40        | 95.25         | 25.40                        | 25.40                         | 101.60                 | 27.30                    | 3              | 1200            | 10.10                   | 22.20                   | B30-R4300          |
|                               | B33-118-427     | White/Transparent | 38.10        | 25.40         | 38.10                        | 9.53                          | 28.60                  | -                        | 1              | 1250            | 2.70                    | 5.10                    | B30-R4300          |
|                               | B33-119-427     | White/Transparent | 38.10        | 38.10         | 38.10                        | 12.70                         | 41.30                  | -                        | 1              | 1000            | 4.00                    | 8.10                    | B30-R4300          |
|                               | B33-272-427     | White/Transparent | 38.10        | 57.15         | 38.10                        | 19.05                         | 63.50                  | -                        | 1              | 700             | -                       | -                       | B30-R4300          |
|                               | B33-517-427     | White/Transparent | 38.10        | 63.50         | 38.10                        | 19.05                         | 69.85                  | 49.00                    | 2              | 1000            | 6.70                    | 14.20                   | B30-R4300          |
|                               | B33-120-427     | White/Transparent | 44.45        | 25.40         | 44.45                        | 9.53                          | 28.60                  | -                        | 1              | 1250            | 2.70                    | 5.10                    | B30-R4300          |
|                               | B33-121-427     | White/Transparent | 44.45        | 38.10         | 44.45                        | 12.70                         | 41.30                  | -                        | 1              | 1000            | 4.00                    | 8.10                    | B30-R4300          |
|                               | B33-273-427     | White/Transparent | 44.45        | 57.15         | 44.45                        | 19.05                         | 63.50                  | -                        | 1              | 500             | -                       | -                       | B30-R4300          |
|                               | B33-82-427      | White/Transparent | 50.80        | 152.40        | 50.80                        | 38.10                         | 157.15                 | -                        | 1              | 200             | -                       | -                       | B30-R4300          |
|                               | B33-27-427      | White/Transparent | 50.80        | 95.25         | 50.80                        | 25.40                         | 101.60                 | -                        | 1              | 400             | 10.10                   | 22.20                   | B30-R4300          |
|                               | B33-26-427      | White/Transparent | 63.50        | 57.15         | 63.50                        | 19.05                         | 61.90                  | -                        | 1              | 500             | 6.10                    | 12.10                   | B30-R4300          |
|                               | B33-131-427     | White/Transparent | 66.68        | 25.40         | 25.40                        | 25.40                         | 28.60                  | -                        | 1              | 1500            | 2.70                    | 5.10                    | B30-R4300          |



## FIBRE OPTIC LABELS

IDEAL FOR MARKING FIBRE OPTIC CABLES.

- Allows you to handle and view labels without touching the wires.



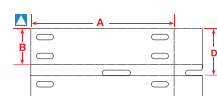
| Diagram               | Order Reference | Colour | Width A (mm) | Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|-----------------------|-----------------|--------|--------------|---------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-425 : Polypropylene |                 |        |              |               |                          |                        |                |                 |                    |
|                       | B33FP-01-425    | White  | 30.00        | 10.00         | -                        | 26.03                  | 1              | 1000            | B30-R4300          |
|                       | B33FT-01-425    | White  | 30.00        | 10.00         | 33.00                    | 46.03                  | 2              | 1000            | B30-R4300          |

Full Material Properties on page 228

## TEAR RESISTANT TAGS

THIS TAG CAN BE USED FOR A VARIETY OF APPLICATIONS INCLUDING IDENTIFICATION OF MULTI-CONDUCTOR CABLES, INVENTORY AND EQUIPMENT.

| Diagram                   | Order Reference | Colour | Width A (mm) | Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------------|-----------------|--------|--------------|---------------|------------------------|----------------|-----------------|--------------------|
| B-7597 : Polyethylene Tag |                 |        |              |               |                        |                |                 |                    |
|                           | B33-7597W-2050  | White  | 50.80        | 12.70         | 16.72                  | 1              | 2000            | B30-R4300          |



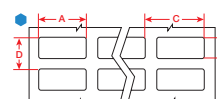
## REPOSITIONABLE VINYL CLOTH WIRE & CABLE MARKERS

HOLDS STRONG BUT CAN BE REMOVED CLEANLY AND RE-APPLIED.

- A vinyl cloth label for marking wires and cables
- Highly unique adhesive and cloth construction gives excellent holding power and still allows for clean removal and re-application
- Ideal choice for marking both ends of a wire that you may need to cut shorter before final termination



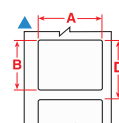
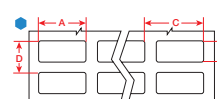
| Diagram             | Order Reference | Colour | Width A (mm) | Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------|-----------------|--------|--------------|---------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-498 : Vinyl Cloth |                 |        |              |               |                          |                        |                |                 |                    |
|                     | B33-90-498      | White  | 6.35         | 36.50         | 8.90                     | 39.70                  | 6              | 2500            | B30-R6200          |
|                     | B33-87-498      | White  | 12.70        | 36.50         | 15.20                    | 39.70                  | 6              | 2500            | B30-R6200          |
|                     | B33-68-498      | White  | 12.70        | 19.05         | 15.20                    | 22.20                  | 4              | 5000            | B30-R6200          |
|                     | B33-1-498       | White  | 19.05        | 6.35          | 20.30                    | 8.90                   | 4              | 5000            | B30-R6200          |
|                     | B33-91-498      | White  | 19.05        | 23.80         | 21.60                    | 27.00                  | 4              | 2500            | B30-R6200          |
|                     | B33-95-498      | White  | 20.32        | 36.50         | 22.90                    | 39.70                  | 3              | 2300            | B30-R6200          |
|                     | B33-88-498      | White  | 25.40        | 19.05         | 27.90                    | 22.20                  | 2              | 2500            | B30-R6200          |
|                     | B33-5-498       | White  | 25.40        | 12.70         | 27.31                    | 15.24                  | 3              | 5000            | B30-R6200          |
|                     | B33-89-498      | White  | 25.40        | 36.50         | 27.90                    | 39.70                  | 3              | 2300            | B30-R6200          |



## WIRE & CABLE MARKERS

THIS NYLON CLOTH MATERIAL HAS SUPERB ADHESIVE POWER, MAKING IT A FLEXIBLE ALL SURFACES SOLUTION.

| Diagram             | Order Reference | Colour | Width A (mm) | Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------|-----------------|--------|--------------|---------------|--------------------------|------------------------|----------------|-----------------|--------------------|
| B-499 : Nylon Cloth |                 |        |              |               |                          |                        |                |                 |                    |
|                     | B33-611-499     | White  | 12.70        | 25.40         | 15.70                    | 28.40                  | 3              | 3000            | B30-R6000HF        |
|                     | B33-620-499     | White  | 12.70        | 25.40         | -                        | 28.40                  | 1              | 1000            | B30-R6000HF        |
|                     | B33-125-499     | White  | 22.86        | 12.70         | -                        | 15.24                  | 1              | 1500            | B30-R6000HF        |
|                     | B33-152-499     | White  | 25.40        | 9.53          | 27.94                    | 12.07                  | 2              | 1500            | B30-R6000HF        |
|                     | B33-621-499     | White  | 25.40        | 36.50         | 28.40                    | 39.50                  | 3              | 3000            | B30-R6000HF        |
|                     | B33-625-499     | White  | 25.40        | 66.68         | 28.40                    | 69.68                  | 3              | 1500            | B30-R6000HF        |
|                     | B33-659-499     | White  | 25.40        | 12.40         | -                        | 15.40                  | 1              | 1000            | B30-R6000HF        |
|                     | B33-151-499     | White  | 50.80        | 6.35          | -                        | 8.89                   | 1              | 1500            | B30-R6000HF        |



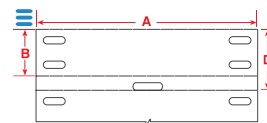




## B-7598 POLYESTER CABLE TAG

The B-7598 polyester tag is a general identification tag for cables exposed to extreme conditions. It requires cable ties to apply to cables with various diameters. Common applications for this cable tag material are:

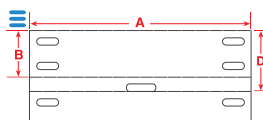
- Identification of multi-conductor cables
- Identification of cables in mobile phone towers
- Identification of datacom or telecom cables in general
- General cable identification that must be extremely resistant



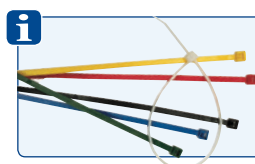
| Diagram | Order Reference   | Material      | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat<br>D (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-------------------|---------------|--------|-----------------------|------------------------|---------------------------|----------------|--------------------|---------------|
|         | B33-60x10-7598-WT | Polyester Tag | White  | 60.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-60x10-7598-YL | Polyester Tag | Yellow | 60.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-60x10-7598-GN | Polyester Tag | Green  | 60.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-60x10-7598-RD | Polyester Tag | Red    | 60.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-60x10-7598-SV | Polyester Tag | Silver | 60.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-60x10-7598-BK | Polyester Tag | Black  | 60.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R4400-WT  |
|         | B33-60x10-7598-BL | Polyester Tag | Blue   | 60.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-75x10-7598-WT | Polyester Tag | White  | 75.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-75x10-7598-YL | Polyester Tag | Yellow | 75.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-75x10-7598-GN | Polyester Tag | Green  | 75.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-75x10-7598-RD | Polyester Tag | Red    | 75.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-75x10-7598-SV | Polyester Tag | Silver | 75.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-75x10-7598-BK | Polyester Tag | Black  | 75.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R4400-WT  |
|         | B33-75x10-7598-BL | Polyester Tag | Blue   | 75.00                 | 10.00                  | 15.08                     | 1              | 1000               | B30-R6000     |
|         | B33-75x15-7598-WT | Polyester Tag | White  | 75.00                 | 15.00                  | 20.02                     | 1              | 1000               | B30-R6000     |
|         | B33-75x15-7598-YL | Polyester Tag | Yellow | 75.00                 | 15.00                  | 20.02                     | 1              | 1000               | B30-R6000     |
|         | B33-75x15-7598-GN | Polyester Tag | Green  | 75.00                 | 15.00                  | 20.02                     | 1              | 1000               | B30-R6000     |
|         | B33-75x15-7598-RD | Polyester Tag | Red    | 75.00                 | 15.00                  | 20.02                     | 1              | 1000               | B30-R6000     |
|         | B33-75x15-7598-SV | Polyester Tag | Silver | 75.00                 | 15.00                  | 20.02                     | 1              | 1000               | B30-R6000     |
|         | B33-75x15-7598-BK | Polyester Tag | Black  | 75.00                 | 15.00                  | 20.02                     | 1              | 1000               | B30-R4400-WT  |
|         | B33-75x15-7598-BL | Polyester Tag | Blue   | 75.00                 | 15.00                  | 20.02                     | 1              | 1000               | B30-R6000     |
|         | B33-75x25-7598-WT | Polyester Tag | White  | 75.00                 | 25.00                  | 30.16                     | 1              | 500                | B30-R6000     |
|         | B33-75x25-7598-YL | Polyester Tag | Yellow | 75.00                 | 25.00                  | 30.16                     | 1              | 500                | B30-R6000     |
|         | B33-75x25-7598-GN | Polyester Tag | Green  | 75.00                 | 25.00                  | 30.16                     | 1              | 500                | B30-R6000     |
|         | B33-75x25-7598-RD | Polyester Tag | Red    | 75.00                 | 25.00                  | 30.16                     | 1              | 500                | B30-R6000     |
|         | B33-75x25-7598-SV | Polyester Tag | Silver | 75.00                 | 25.00                  | 30.16                     | 1              | 500                | B30-R6000     |
|         | B33-75x25-7598-BK | Polyester Tag | Black  | 75.00                 | 25.00                  | 30.16                     | 1              | 500                | B30-R4400-WT  |
|         | B33-75x25-7598-BL | Polyester Tag | Blue   | 75.00                 | 25.00                  | 30.16                     | 1              | 500                | B30-R6000     |

## B-7643 HALOGEN-FREE CABLE TAG

- These cable markers are made of halogen-free polyurethane material.
- The markers are tough, imperishable and with a very high degree of mark permanence in almost any environment.

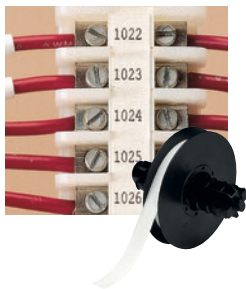


| Diagram | Order Reference   | Material                             | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-------------------|--------------------------------------|--------|--------------------|---------------------|------------------------|----------------|--------------------|---------------|
|         | B33-60x10-7643-WT | Thermoplastic Polyether Polyurethane | White  | 60.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-60x10-7643-YL | Thermoplastic Polyether Polyurethane | Yellow | 60.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-60x10-7643-GN | Thermoplastic Polyether Polyurethane | Green  | 60.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-60x10-7643-RD | Thermoplastic Polyether Polyurethane | Red    | 60.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-60x10-7643-OR | Thermoplastic Polyether Polyurethane | Orange | 60.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-60x10-7643-BK | Thermoplastic Polyether Polyurethane | Black  | 60.00              | 10.00               | 15.08                  | 1              | 750                | B30-R4400-WT  |
|         | B33-60x10-7643-BL | Thermoplastic Polyether Polyurethane | Blue   | 60.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-75x10-7643-WT | Thermoplastic Polyether Polyurethane | White  | 75.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-75x10-7643-YL | Thermoplastic Polyether Polyurethane | Yellow | 75.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-75x10-7643-GN | Thermoplastic Polyether Polyurethane | Green  | 75.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-75x10-7643-RD | Thermoplastic Polyether Polyurethane | Red    | 75.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-75x10-7643-OR | Thermoplastic Polyether Polyurethane | Orange | 75.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-75x10-7643-BK | Thermoplastic Polyether Polyurethane | Black  | 75.00              | 10.00               | 15.08                  | 1              | 750                | B30-R4400-WT  |
|         | B33-75x10-7643-BL | Thermoplastic Polyether Polyurethane | Blue   | 75.00              | 10.00               | 15.08                  | 1              | 750                | B30-R6000HF   |
|         | B33-75x15-7643-WT | Thermoplastic Polyether Polyurethane | White  | 75.00              | 15.00               | 20.02                  | 1              | 500                | B30-R6000HF   |
|         | B33-75x15-7643-YL | Thermoplastic Polyether Polyurethane | Yellow | 75.00              | 15.00               | 20.02                  | 1              | 500                | B30-R6000HF   |
|         | B33-75x15-7643-GN | Thermoplastic Polyether Polyurethane | Green  | 75.00              | 15.00               | 20.02                  | 1              | 500                | B30-R6000HF   |
|         | B33-75x15-7643-RD | Thermoplastic Polyether Polyurethane | Red    | 75.00              | 15.00               | 20.02                  | 1              | 500                | B30-R6000HF   |
|         | B33-75x15-7643-OR | Thermoplastic Polyether Polyurethane | Orange | 75.00              | 15.00               | 20.02                  | 1              | 500                | B30-R6000HF   |
|         | B33-75x15-7643-BK | Thermoplastic Polyether Polyurethane | Black  | 75.00              | 15.00               | 20.02                  | 1              | 500                | B30-R4400-WT  |
|         | B33-75x15-7643-BL | Thermoplastic Polyether Polyurethane | Blue   | 75.00              | 15.00               | 20.02                  | 1              | 500                | B30-R6000HF   |
|         | B33-75x25-7643-WT | Thermoplastic Polyether Polyurethane | White  | 75.00              | 25.00               | 30.16                  | 1              | 250                | B30-R6000HF   |
|         | B33-75x25-7643-YL | Thermoplastic Polyether Polyurethane | Yellow | 75.00              | 25.00               | 30.16                  | 1              | 250                | B30-R6000HF   |
|         | B33-75x25-7643-GN | Thermoplastic Polyether Polyurethane | Green  | 75.00              | 25.00               | 30.16                  | 1              | 250                | B30-R6000HF   |
|         | B33-75x25-7643-RD | Thermoplastic Polyether Polyurethane | Red    | 75.00              | 25.00               | 30.16                  | 1              | 250                | B30-R6000HF   |
|         | B33-75x25-7643-OR | Thermoplastic Polyether Polyurethane | Orange | 75.00              | 25.00               | 30.16                  | 1              | 250                | B30-R6000HF   |
|         | B33-75x25-7643-BK | Thermoplastic Polyether Polyurethane | Black  | 75.00              | 25.00               | 30.16                  | 1              | 250                | B30-R4400-WT  |
|         | B33-75x25-7643-BL | Thermoplastic Polyether Polyurethane | Blue   | 75.00              | 25.00               | 30.16                  | 1              | 250                | B30-R6000HF   |



### COLOURED NYLON WIRE AND CABLE TIES

Perfect for colour coded applications. See page 191 for ordering information.

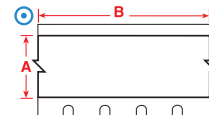


## ADHESIVE TERMINAL BLOCK MARKERS

HOLDS STRONG BUT CAN BE REMOVED CLEANLY AND RE-APPLIED.

- Specially designed narrow-width continuous label for alignment on terminal blocks and patch panels
- Highly unique adhesive and cloth construction gives excellent holding power and still allows for clean removal and re-application

| Diagram             | Order Reference | Colour | Width A (mm) | Length B (m) | Labels per Row | Labels per Roll | Recommended Ribbon |
|---------------------|-----------------|--------|--------------|--------------|----------------|-----------------|--------------------|
| B-498 : Vinyl Cloth |                 |        |              |              |                |                 |                    |
|                     | B33C-312-498    | White  | 7.92         | 25.91        | 1              | 1               | B30-R6200          |
|                     | B33C-375-498    | White  | 9.53         | 25.91        | 1              | 1               | B30-R6200          |

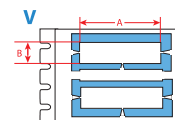


## PERMASLEEVE™ HX POLYOLEFIN WIRE MARKING SLEEVES

MILITARY/INDUSTRIAL GRADE. 2:1 SHRINK RATIO

- A 2:1 heat shrinkable wire marker sleeve that fits snugly around wires
- Flame-retardant and high-temp rated but not as high temp as B-345 "HT" Sleeves
- Meets industry specifications

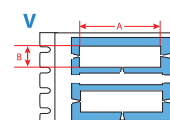
| Diagram                | Order Reference  | Colour | Width A (mm) | Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|------------------------|------------------|--------|--------------|---------------|-------------------------|-------------------------|----------------|-----------------|--------------------|
| Single-sided Printable |                  |        |              |               |                         |                         |                |                 |                    |
|                        | B33-94-2-7642    | White  | 50.80        | 4.60          | 1.19                    | 2.03                    | 1              | 500             | B30-R4300          |
|                        | B33-125-2-7642   | White  | 50.80        | 6.00          | 1.57                    | 2.79                    | 1              | 500             | B30-R4300          |
|                        | B33-187-2-7642   | White  | 50.80        | 8.50          | 2.39                    | 3.83                    | 1              | 450             | B30-R4300          |
|                        | B33-250-2-7642   | White  | 50.80        | 11.15         | 3.17                    | 5.46                    | 1              | 400             | B30-R4300          |
|                        | B33-375-2-7642   | White  | 50.80        | 16.40         | 4.77                    | 8.13                    | 1              | 250             | B30-R4300          |
|                        | B33-500-2-7642   | White  | 50.80        | 21.60         | 6.35                    | 11.43                   | 1              | 225             | B30-R4300          |
|                        | B33-750-2-7642   | White  | 50.80        | 31.40         | 9.52                    | 17.78                   | 1              | 150             | B30-R4300          |
|                        | B33-1000-2-7642  | White  | 50.80        | 42.16         | 11.43                   | 24.13                   | 1              | 150             | B30-R4300          |
|                        | B33-1500-2-7642  | White  | 50.80        | 61.80         | 19.05                   | 35.56                   | 1              | 50              | B30-R4300          |
|                        | B33-2000-2-7642  | White  | 50.80        | 80.40         | 25.40                   | 48.26                   | 1              | 50              | B30-R4300          |
| Double-sided Printable |                  |        |              |               |                         |                         |                |                 |                    |
|                        | B33D-94-2-7642   | White  | 50.80        | 4.60          | 1.19                    | 2.03                    | 1              | 500             | B30-R4300          |
|                        | B33D-125-2-7642  | White  | 50.80        | 6.00          | 1.57                    | 2.79                    | 1              | 500             | B30-R4300          |
|                        | B33D-187-2-7642  | White  | 50.80        | 8.50          | 2.39                    | 3.83                    | 1              | 450             | B30-R4300          |
|                        | B33D-250-2-7642  | White  | 50.80        | 11.15         | 3.17                    | 5.46                    | 1              | 400             | B30-R4300          |
|                        | B33D-375-2-7642  | White  | 50.80        | 16.40         | 4.77                    | 8.13                    | 1              | 250             | B30-R4300          |
|                        | B33D-500-2-7642  | White  | 50.80        | 21.60         | 6.35                    | 11.43                   | 1              | 225             | B30-R4300          |
|                        | B33D-750-2-7642  | White  | 50.80        | 31.40         | 9.52                    | 17.78                   | 1              | 150             | B30-R4300          |
|                        | B33D-1000-2-7642 | White  | 50.80        | 42.16         | 11.43                   | 24.13                   | 1              | 150             | B30-R4300          |
|                        | B33D-1500-2-7642 | White  | 50.80        | 61.80         | 19.05                   | 35.56                   | 1              | 50              | B30-R4300          |
|                        | B33D-2000-2-7642 | White  | 50.80        | 80.40         | 25.40                   | 48.26                   | 1              | 50              | B30-R4300          |



## PERMASLEEVE™ PS POLYOLEFIN WIRE MARKING SLEEVES

STANDARD MILITARY/INDUSTRIAL GRADE. 3:1 SHRINK RATIO

- A 3:1 heat shrinkable wire marker sleeve that fits snugly around wires
- Can be used for identification or wire protection
- Fade-resistant and flame-retardant



| Diagram                | Order Reference    | Colour | Width A (mm) | Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|------------------------|--------------------|--------|--------------|---------------|-------------------------|-------------------------|----------------|-----------------|--------------------|
| Double-sided Printable |                    |        |              |               |                         |                         |                |                 |                    |
| V                      | B33D-94-2-342BK    | Black  | 50.80        | 4.60          | 0.58                    | 2.03                    | 1              | 1000            | B30-R4500-SV       |
| V                      | B33D-94-2-342      | White  | 50.80        | 4.60          | 0.58                    | 2.03                    | 1              | 1000            | B30-R4300          |
| V                      | B33D-94-2-342YL    | Yellow | 50.80        | 4.60          | 0.58                    | 2.03                    | 1              | 1000            | B30-R4300          |
| V                      | B33D-125-2-342BK   | Black  | 50.80        | 6.00          | 1.17                    | 2.79                    | 1              | 1000            | B30-R4500-SV       |
| V                      | B33D-125-2-342     | White  | 50.80        | 6.00          | 1.17                    | 2.79                    | 1              | 1000            | B30-R4300          |
| V                      | B33D-125-2-342YL   | Yellow | 50.80        | 6.00          | 1.17                    | 2.79                    | 1              | 1000            | B30-R4300          |
| V                      | B33D-187-2-342BK   | Black  | 50.80        | 8.50          | 1.57                    | 3.81                    | 1              | 750             | B30-R4500-SV       |
| V                      | B33D-187-2-342     | White  | 50.80        | 8.50          | 1.57                    | 3.81                    | 1              | 750             | B30-R4300          |
| V                      | B33D-187-2-342YL   | Yellow | 50.80        | 8.50          | 1.57                    | 3.81                    | 1              | 750             | B30-R4300          |
| V                      | B33D-250-2-342BK   | Black  | 50.80        | 11.15         | 2.39                    | 5.46                    | 1              | 500             | B30-R4500-SV       |
| V                      | B33D-250-2-342     | White  | 50.80        | 11.15         | 2.39                    | 5.46                    | 1              | 500             | B30-R4300          |
| V                      | B33D-250-2-342YL   | Yellow | 50.80        | 11.15         | 2.39                    | 5.46                    | 1              | 500             | B30-R4300          |
| V                      | B33D-375-2-342BK   | Black  | 50.80        | 16.40         | 3.18                    | 8.13                    | 1              | 500             | B30-R4500-SV       |
| V                      | B33D-375-2-342     | White  | 50.80        | 16.40         | 3.18                    | 8.13                    | 1              | 500             | B30-R4300          |
| V                      | B33D-375-2-342YL   | Yellow | 50.80        | 16.40         | 3.18                    | 8.13                    | 1              | 500             | B30-R4300          |
| V                      | B33D-500-2-342BK   | Black  | 50.80        | 21.60         | 4.75                    | 11.43                   | 1              | 350             | B30-R4500-SV       |
| V                      | B33D-500-2-342     | White  | 50.80        | 21.60         | 4.75                    | 11.43                   | 1              | 350             | B30-R4300          |
| V                      | B33D-500-2-342YL   | Yellow | 50.80        | 21.60         | 4.75                    | 11.43                   | 1              | 350             | B30-R4300          |
| V                      | B33D-750-2-342YL   | Yellow | 50.80        | 31.80         | 6.35                    | 17.78                   | 1              | 250             | B30-R4300          |
| V                      | B33D-750-2-342BK   | Black  | 50.80        | 31.80         | 6.35                    | 17.78                   | 1              | 250             | B30-R4500-SV       |
| V                      | B33D-750-2-342     | White  | 50.80        | 31.80         | 6.35                    | 17.78                   | 1              | 250             | B30-R4300          |
| V                      | B33D-1000-2-342BK  | Black  | 50.80        | 42.16         | 9.53                    | 24.13                   | 1              | 250             | B30-R4500-SV       |
| V                      | B33D-1000-2-342YL  | Yellow | 50.80        | 42.16         | 9.53                    | 24.13                   | 1              | 250             | B30-R4300          |
| V                      | B33D-1000-2-342    | White  | 50.80        | 42.16         | 9.53                    | 24.13                   | 1              | 250             | B30-R4300          |
| V                      | B33D-1500-2-342BK  | Black  | 50.80        | 61.80         | 12.70                   | 36.83                   | 1              | 150             | B30-R4500-SV       |
| V                      | B33D-1500-2-342    | White  | 50.80        | 61.80         | 12.70                   | 36.83                   | 1              | 150             | B30-R4300          |
| V                      | B33D-1500-2-342YL  | Yellow | 50.80        | 61.80         | 12.70                   | 36.83                   | 1              | 150             | B30-R4300          |
| Single-sided Printable |                    |        |              |               |                         |                         |                |                 |                    |
| V                      | B33-94-2-342-2     | White  | 25.40        | 4.60          | 0.58                    | 2.03                    | 2              | 2000            | B30-R4300          |
| V                      | B33-94-2-342YL-2   | Yellow | 25.40        | 4.60          | 0.58                    | 2.03                    | 2              | 2000            | B30-R4300          |
| V                      | B33-94-2-342       | White  | 50.80        | 4.60          | 0.58                    | 2.03                    | 1              | 1000            | B30-R4300          |
| V                      | B33-94-2-342YL     | Yellow | 50.80        | 4.60          | 0.58                    | 2.03                    | 1              | 1000            | B30-R4300          |
| V                      | B33-125-2-342-2    | White  | 25.40        | 6.00          | 1.17                    | 2.79                    | 2              | 2000            | B30-R4300          |
| V                      | B33-125-2-342YL-2  | Yellow | 25.40        | 6.00          | 1.17                    | 2.79                    | 2              | 2000            | B30-R4300          |
| V                      | B33-125-2-342      | White  | 50.80        | 6.00          | 1.17                    | 2.79                    | 1              | 1000            | B30-R4300          |
| V                      | B33-125-2-342YL    | Yellow | 50.80        | 6.00          | 1.17                    | 2.79                    | 1              | 1000            | B30-R4300          |
| V                      | B33-187-2-342-2    | White  | 25.40        | 8.50          | 1.57                    | 3.81                    | 2              | 1500            | B30-R4300          |
| V                      | B33-187-2-342      | White  | 50.80        | 8.50          | 1.57                    | 3.81                    | 1              | 750             | B30-R4300          |
| V                      | B33-187-2-342YL    | Yellow | 50.80        | 8.50          | 1.57                    | 3.81                    | 1              | 750             | B30-R4300          |
| V                      | B33-250-2-342-2    | White  | 25.40        | 11.15         | 2.39                    | 5.46                    | 2              | 1000            | B30-R4300          |
| V                      | B33-250-2-342YL    | Yellow | 50.80        | 11.15         | 2.39                    | 5.46                    | 1              | 500             | B30-R4300          |
| V                      | B33-250-2-342      | White  | 50.80        | 11.15         | 2.39                    | 5.46                    | 1              | 500             | B30-R4300          |
| V                      | B33-375-2-342-2    | White  | 25.40        | 16.40         | 3.18                    | 8.13                    | 2              | 1000            | B30-R4300          |
| V                      | B33-375-2-342YL    | Yellow | 50.80        | 16.40         | 3.18                    | 8.13                    | 1              | 500             | B30-R4300          |
| V                      | B33-375-2-342      | White  | 50.80        | 16.40         | 3.18                    | 8.13                    | 1              | 500             | B30-R4300          |
| V                      | B33-500-2-342-2    | White  | 25.40        | 21.60         | 4.75                    | 11.43                   | 2              | 700             | B30-R4300          |
| V                      | B33-500-2-342YL-2  | Yellow | 25.40        | 21.60         | 4.75                    | 11.43                   | 2              | 700             | B30-R4300          |
| V                      | B33-500-2-342YL    | Yellow | 50.80        | 21.60         | 4.75                    | 11.43                   | 1              | 350             | B30-R4300          |
| V                      | B33-500-2-342      | White  | 50.80        | 21.60         | 4.75                    | 11.43                   | 1              | 350             | B30-R4300          |
| V                      | B33-750-2-342YL    | Yellow | 50.80        | 31.80         | 6.35                    | 17.78                   | 1              | 250             | B30-R4300          |
| V                      | B33-750-2-342      | White  | 50.80        | 31.80         | 6.35                    | 17.78                   | 1              | 250             | B30-R4300          |
| V                      | B33-1000-2-342-2   | White  | 25.40        | 42.16         | 9.53                    | 24.13                   | 2              | 500             | B30-R4300          |
| V                      | B33-1000-2-342YL-2 | Yellow | 25.40        | 42.16         | 9.53                    | 24.13                   | 2              | 500             | B30-R4300          |
| V                      | B33-1000-2-342     | White  | 50.80        | 42.16         | 9.53                    | 24.13                   | 1              | 250             | B30-R4300          |
| V                      | B33-1000-2-342YL   | Yellow | 50.80        | 42.16         | 9.53                    | 24.13                   | 1              | 250             | B30-R4300          |
| V                      | B33-1500-2-342-2   | White  | 25.40        | 61.80         | 12.70                   | 36.83                   | 2              | 300             | B30-R4300          |
| V                      | B33-1500-2-342YL-2 | Yellow | 25.40        | 61.80         | 12.70                   | 36.83                   | 2              | 300             | B30-R4300          |
| V                      | B33-1500-2-342BK   | Black  | 50.80        | 61.80         | 12.70                   | 36.83                   | 1              | 150             | B30-R4500-SV       |
| V                      | B33-1500-2-342     | White  | 50.80        | 61.80         | 12.70                   | 36.83                   | 1              | 150             | B30-R4300          |
| V                      | B33-1500-2-342YL   | Yellow | 50.80        | 61.80         | 12.70                   | 36.83                   | 1              | 150             | B30-R4300          |

Full Material Properties on page 228





## PERMASLEEVE™ HT HIGH TEMPERATURE PVDF WIRE MARKING SLEEVES

HIGH TEMPERATURE, LOW OUTGASSING. 2:1 SHRINK RATIO

- A 2:1 shrink ratio wire marker sleeve specifically designed for high temperature and low vacuum outgassing applications
- Made from irradiated high-temp Polyvinylidene Fluoride (PVDF) heat shrink tubing
- Fade-resistant and flame-retardant

| Diagram                | Order Reference   | Colour | Width A (mm) | Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Roll | Recommended Ribbon |
|------------------------|-------------------|--------|--------------|---------------|-------------------------|-------------------------|----------------|-----------------|--------------------|
| Double-sided Printable |                   |        |              |               |                         |                         |                |                 |                    |
|                        | B33D-94-2-345BK   | Black  | 50.80        | 4.60          | 0.60                    | 2.00                    | 1              | 1000            | B30-R4500-SV       |
|                        | B33D-94-2-345     | White  | 50.80        | 4.60          | 0.60                    | 2.00                    | 1              | 1000            | B30-R6000HF        |
|                        | B33D-125-2-345BK  | Black  | 50.80        | 6.00          | 1.20                    | 2.80                    | 1              | 1000            | B30-R4500-SV       |
|                        | B33D-125-2-345    | White  | 50.80        | 6.00          | 1.20                    | 2.80                    | 1              | 1000            | B30-R6000HF        |
|                        | B33D-187-2-345BK  | Black  | 50.80        | 8.50          | 1.60                    | 3.80                    | 1              | 750             | B30-R4500-SV       |
|                        | B33D-187-2-345    | White  | 50.80        | 8.50          | 1.60                    | 3.80                    | 1              | 750             | B30-R6000HF        |
|                        | B33D-250-2-345BK  | Black  | 50.80        | 11.15         | 2.40                    | 5.50                    | 1              | 500             | B30-R4500-SV       |
|                        | B33D-250-2-345    | White  | 50.80        | 11.15         | 2.40                    | 5.50                    | 1              | 500             | B30-R6000HF        |
|                        | B33D-375-2-345BK  | Black  | 50.80        | 16.40         | 3.20                    | 8.10                    | 1              | 500             | B30-R4500-SV       |
|                        | B33D-375-2-345    | White  | 50.80        | 16.40         | 3.20                    | 8.10                    | 1              | 500             | B30-R6000HF        |
|                        | B33D-500-2-345BK  | Black  | 50.80        | 21.60         | 4.80                    | 11.40                   | 1              | 350             | B30-R4500-SV       |
|                        | B33D-500-2-345    | White  | 50.80        | 21.60         | 4.80                    | 11.40                   | 1              | 350             | B30-R6000HF        |
|                        | B33D-750-2-345BK  | Black  | 50.80        | 31.80         | 6.60                    | 17.80                   | 1              | 250             | B30-R4500-SV       |
|                        | B33D-750-2-345    | White  | 50.80        | 31.80         | 6.60                    | 17.80                   | 1              | 250             | B30-R6000HF        |
|                        | B33D-1000-2-345BK | Black  | 50.80        | 42.16         | 11.40                   | 24.10                   | 1              | 250             | B30-R4500-SV       |
|                        | B33D-1000-2-345   | White  | 50.80        | 42.16         | 11.40                   | 24.10                   | 1              | 250             | B30-R6000HF        |
|                        | B33D-1500-2-345BK | Black  | 50.80        | 61.80         | 12.70                   | 36.80                   | 1              | 150             | B30-R4500-SV       |
|                        | B33D-1500-2-345   | White  | 50.80        | 61.80         | 12.70                   | 36.80                   | 1              | 150             | B30-R6000HF        |

\*This size is only 3:1 shrink ratio

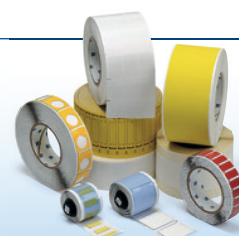


### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material? Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information.



## “DROP & CLICK” PRINT RIBBONS FOR QUICK AND EASY SUPPLY CHANGES

- Tough, smear-proof ribbons that produce long-lasting printed text
- Print can withstand years in industrial areas and outdoor conditions
- Ribbons supplied in self-contained cartridges that drop straight into the printer with a “click”
- No calibrating, no threading, no waste, no hassle and the ink will always be facing the right direction
- Printer notifies user if installed ribbon is not recommended for the installed labels



| Order Reference | Colour  | Size - Width A (mm) x Size - Length B (m) |
|-----------------|---------|-------------------------------------------|
| B30-R10000      | Black   | 110.00 x 60.90                            |
| B30-R10000-BL   | Blue    | 110.00 x 60.90                            |
| B30-R10000-GN   | Green   | 110.00 x 60.90                            |
| B30-R10000-MA   | Magenta | 110.00 x 60.90                            |
| B30-R10000-OR   | Orange  | 110.00 x 60.90                            |
| B30-R10000-RD   | Red     | 110.00 x 60.90                            |
| B30-R10000-WT   | White   | 110.00 x 60.90                            |
| B30-R10000-YL   | Yellow  | 110.00 x 60.90                            |
| B30-R6000HF     | Black   | 110.00 x 60.90                            |
| B30-R4300       | Black   | 110.00 x 60.90                            |
| B30-R6600       | Black   | 110.00 x 60.90                            |
| B30-R4400-WT    | White   | 110.00 x 60.90                            |
| B30-R4500*      | Silver  | 110.00 x 60.90                            |
| B30-R6700-WT    | White   | 110.00 x 60.90                            |
| B30-R6400       | Black   | 110.00 x 60.90                            |
| B30-R6200       | Black   | 110.00 x 60.90                            |
| B30-R10000-YL2  | Yellow  | 110.00 x 60.90                            |
| B30-R6000C      | Black   | 110.00 x 60.90                            |



\*This ribbon is for use with B-342 and B-345 Black PermaSleeves only.

\*\*For printing yellow onto white B-595 use B30-R10000-YL. For printing yellow onto other colours of B-595 use B30-R10000-YL2.

\*\*\*Black Heavy-Duty Print Ribbon to print Ochre B-595 on BBP3x Printers.

## BBP33 PRINT RIBBON/MATERIAL COMPATIBILITY

| B Number | Material                                                    |            | B30-R4300<br>Black | B30-R6000HF<br>Black | B30-R6200<br>Black | B30-R10000<br>Black | B30-R4400-WT<br>White | B30-R10000-WT<br>White | B30-R4500<br>Silver | B30-R10000<br>Colours | B30-R6400<br>Black | B30-R6600<br>Black |
|----------|-------------------------------------------------------------|------------|--------------------|----------------------|--------------------|---------------------|-----------------------|------------------------|---------------------|-----------------------|--------------------|--------------------|
| B-8423   | Polyester                                                   | Satin      |                    | ✓                    | ✓                  |                     |                       |                        |                     |                       |                    |                    |
| B-7642   | Heat-shrink Polyolefin Sleeve 1                             | Matt       | ✓                  |                      |                    |                     |                       |                        |                     |                       | ✓                  |                    |
| B-7597   | Polyethylene Tag                                            | Matt       | ✓                  |                      |                    |                     |                       |                        |                     |                       |                    |                    |
| B-7569   | Vinyl                                                       | Gloss      |                    | ✓                    |                    | ✓                   |                       | ✓                      |                     | ✓                     |                    |                    |
| B-7563   | Metallised Polyester                                        | Satin      |                    | ✓                    | ✓                  |                     |                       |                        |                     |                       |                    |                    |
| B-727    | Polyimide                                                   | Gloss      |                    | ✓                    |                    |                     |                       |                        |                     |                       |                    |                    |
| B-717    | Polyimide                                                   | Gloss      |                    | ✓                    |                    |                     |                       |                        |                     |                       |                    |                    |
| B-595    | Vinyl                                                       | Gloss      |                    | ✓                    |                    | ✓                   |                       | ✓                      |                     | ✓                     |                    |                    |
| B-593    | Polyester                                                   | Gloss      |                    | ✓                    |                    |                     | ✓                     |                        |                     |                       |                    |                    |
| B-565    | Metallised Polyester                                        | Matt       |                    | ✓                    |                    | ✓                   |                       |                        |                     |                       |                    |                    |
| B-551    | Polyester Tag                                               |            |                    | ✓                    |                    | ✓                   |                       |                        |                     | ✓                     |                    |                    |
| B-499    | Nylon Cloth                                                 | Matt       | ✓                  | ✓                    |                    |                     |                       |                        |                     |                       |                    |                    |
| B-498    | Vinyl Cloth                                                 | Semi-gloss | ✓                  |                      | ✓                  |                     |                       |                        |                     |                       |                    |                    |
| B-489    | Polyester                                                   | Matt       | ✓                  |                      |                    |                     |                       |                        |                     |                       |                    |                    |
| B-486    | Metallised Polyester                                        | Matt       | ✓                  |                      |                    |                     |                       |                        |                     |                       |                    |                    |
| B-483    | Polyester                                                   | Gloss      |                    | ✓                    |                    |                     |                       |                        |                     |                       |                    |                    |
| B-438    | Tamper-evident Metallised Polyester                         | Matt       | ✓                  |                      |                    | ✓                   |                       |                        |                     |                       |                    |                    |
| B-434    | Metallised Polyester                                        | Gloss      |                    | ✓                    |                    |                     |                       |                        |                     |                       |                    |                    |
| B-432    | Polyester                                                   | Gloss      |                    | ✓                    |                    |                     | ✓                     |                        |                     |                       |                    |                    |
| B-430    | Polyester                                                   | Gloss      |                    | ✓                    | ✓                  |                     |                       |                        |                     |                       |                    |                    |
| B-428    | Metallised Polyester                                        | Matt       | ✓                  |                      |                    |                     |                       |                        |                     |                       |                    |                    |
| B-425    | Polypropylene                                               | Matt       | ✓                  |                      |                    |                     |                       |                        |                     |                       | ✓                  |                    |
| B-424    | Paper                                                       | Matt       | ✓                  |                      |                    |                     |                       |                        |                     |                       |                    |                    |
| B-345    | High Temperature Heat-shrink Polyvinylidene Fluoride Sleeve | Matt       |                    | ✓                    |                    |                     |                       |                        | ✓                   |                       |                    | ✓                  |
| B-342    | Heat-shrink Polyolefin Sleeve 1                             | Matt       | ✓                  |                      |                    |                     |                       |                        | ✓                   |                       |                    | ✓                  |



**LOAD. CLICK. PRINT.**  
**HIGH PERFORMANCE PRINTING**  
**MADE FASTER AND SIMPLER.**

The Brady IP Printer redefines power and ease-of-use in thermal transfer printing. Our most popular benchtop solution, the IP utilises smart chip technology allowing the printer, ribbon, material roll and PC software to communicate which significantly reduces set up time, reduces change-out time and reduces calibration label waste. Get ready for fast hassle-free printing.

#### FASTER CHANGE-OUTS AND LESS WASTE

- Load Brady material and the software automatically recognises it
- No more calibration or material waste required for notched, die-cut or continuous materials
- Super-easy ribbon and material loading with centre-justified guides and straight feed path
- Hassle-free drop-in material rolls install in a snap

#### MORE PERFORMANCE

- Designed for up to 5000 labels per day at 8 hrs / 5 days per week operation
- Fast print speed – up to 200 mm/sec
- Prints on a vast selection of material varieties and materials, including custom-made parts
- LCD display shows correct material/ribbon match, visual sensor position and “material and ribbon remaining”

#### HASSLE-FREE OPERATION

- Fast hassle-free change-outs makes IP ideal for high-mix users (those using multiple material parts & put-ups)
- Perfect for users who are new to thermal transfer printing



#### Your Complete Printing Solution:

IP Series Materials.....page 147

IP Series Print Ribbons.....page 219

#### VIEW ONLINE

Visit [www.bradyeurope.com/IP](http://www.bradyeurope.com/IP)  
 for more information on the IP™  
 Series Printer



Faster drop-in feeding method for loading materials and print ribbons.

## High Performance Labelling Solutions



Barcode labelling



Wire & Cable Markers



Rating Plates



General ID



Push Button Labels



... And more!

## Printer Specifications

|                                                |                                                                                                                                                                                                                                                          |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | The revolutionary IP™ Printer System - gives you "Hassle Free" printing. The Brady IP Printer is a fully integrated, easy-to-use printer, material, and software system. Smart Cell technology allows the printer, materials, and ribbon to communicate! |
| <b>Applications</b>                            | Mid-volume applications when frequent material change-overs are needed, and for inexperienced users wanting easy training. Ideal for asset ID, cable and wire ID, circuit board ID, bar coding.                                                          |
| <b>Hours of Operation</b>                      | 8 hours/5 days                                                                                                                                                                                                                                           |
| <b>Recommended Usage per Day</b>               | 5000                                                                                                                                                                                                                                                     |
| <b>Software Compatibility</b>                  | Brady Workstation, LabelMark, Windows based driver for 3rd party software use, CodeSoft                                                                                                                                                                  |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                                                                                                               |
| <b>Connectivity Options</b>                    | USB, Serial, Ethernet. Optional: WiFi                                                                                                                                                                                                                    |
| <b>Stand-alone Printing (Detached from PC)</b> | Stand-alone & Peripheral                                                                                                                                                                                                                                 |
| <b>Cutter</b>                                  | None                                                                                                                                                                                                                                                     |
| <b>Hardware Options</b>                        | Cutter                                                                                                                                                                                                                                                   |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                                                                                                                    |
| <b>Memory - Ram/Flash</b>                      | 8 MB                                                                                                                                                                                                                                                     |
| <b>Label Dimension Limits</b>                  | Max. Width: 105.66 mm<br>Min. Width: 6.40 mm<br>Min. Height: 3.20 mm                                                                                                                                                                                     |
| <b>Maximum Print Width (mm)</b>                | 105.60 mm                                                                                                                                                                                                                                                |
| <b>Print Speed (mm/sec)</b>                    | 200                                                                                                                                                                                                                                                      |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                                                                                                         |
| <b>Print Resolution (dpi)</b>                  | 300 / 600                                                                                                                                                                                                                                                |
| <b>Height x Width x Depth</b>                  | 312.00 mm x 240.00 mm x 435.00 mm                                                                                                                                                                                                                        |
| <b>Weight</b>                                  | 5.90 kg                                                                                                                                                                                                                                                  |



76 mm core material that is auto-recognised by printer.

## BRADY IP™ SERIES PRINTER

| Article No. | Order Reference      | Description                               |
|-------------|----------------------|-------------------------------------------|
| <b>300</b>  |                      |                                           |
| 360814      | BP-THT-IP300-EU      | IP Label Printer 300 dpi - EU             |
| 360815      | BP-THT-IP300-C-EU    | IP Label Printer 300 dpi - EU with Cutter |
| 360844      | BP-THT-IP300-UK      | IP Label Printer 300 dpi - UK             |
| 360845      | BP-THT-IP300-C-UK    | IP Label Printer 300 dpi - UK with Cutter |
| 361080      | BP-THT-IP300-WLAN-EU | IP Label Printer 300 dpi - EU with wifi   |
| <b>600</b>  |                      |                                           |
| 360817      | BP-THT-IP600-EU      | IP Label Printer 600 dpi - EU             |
| 360818      | BP-THT-IP600-C-EU    | IP Label Printer 600 dpi - EU with Cutter |
| 360847      | BP-THT-IP600-UK      | IP Label Printer 600 dpi - UK             |
| 360848      | BP-THT-IP600-C-UK    | IP Label Printer 600 dpi - UK with Cutter |
| 361081      | BP-THT-IP600-WLAN-EU | IP Label Printer 600 dpi - EU with wifi   |

## BRADY IP PRINTER ACCESSORIES

| Article No. | Order Reference     | Description                                      |
|-------------|---------------------|--------------------------------------------------|
| 133251      | PCK-6               | Printer Cleaning Kit - Thermal Transfer Printers |
| 361082      | WLAN-Card 802.11b/g | Wireless Ethernet Card for Brady IP Printer      |

## SPECIALTY MATERIAL RECOMMENDATIONS

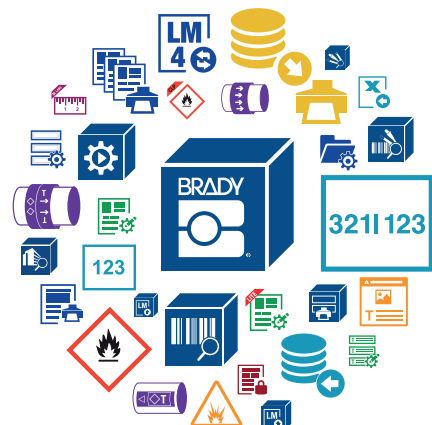
| Specialty Material Recommendations  |                                            |
|-------------------------------------|--------------------------------------------|
| Raised Panel labels (B-593, B-7593) | Acceptable (with special printer settings) |
| Heatex Cable Markers                | Acceptable (with special printer settings) |
| PermaSleeves                        | Recommended (Single-sided Format Only)     |
| Diesel Resistant Sleeves (B-7646)   | Acceptable                                 |
| ZH PermaSleeve Markers (B-7641)     | Acceptable (Single-sided Only)             |
| HX PermaSleeve Markers (B-7642)     | Acceptable (Single-sided Format Only)      |
| Self-laminating Labels (B-427)      | Recommended                                |

## COMPLETE YOUR BRADY IP PRINTING SOLUTION

### BRADY WORKSTATION

Brady Workstation offers professional, intuitive apps to design quality product and cable labels and safety signs. With Brady Workstation label design becomes easier, faster and quickly adaptable to new label norms thanks to centralised updates.

For more information about Brady Workstation, please see page 16.





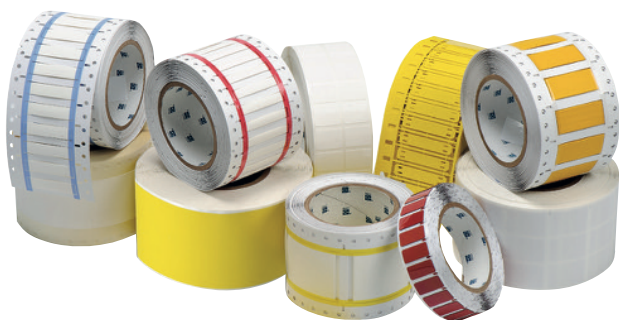


## Your Complete Printing Solution:

BradyPrinter i7100 Materials .....page 147  
BradyPrinter i7100 Ribbons .....page 219

## View online

Visit [www.bradyeurope.com/i7100](http://www.bradyeurope.com/i7100) for more information on the BradyPrinter i7100.



Ideal for printing PermaSleeve™ Wire Marking Sleeves and Engraved Plate REPLacement Labels (EPREP).

## BRADYPRIINTER i7100 INDUSTRIAL LABEL PRINTER

### When accuracy meets precision

The BradyPrinter i7100 Industrial Label Printer offers durable and highly accurate label printing for business critical high volume identification challenges in Aerospace, Defence, Mass Transit, Electronics, Automotive and Logistics industries. Quickly print a wide range of high quality identification materials for a variety of applications including cable, printed circuit board and asset & component identification.

### Reliable & fast precision printing

The BradyPrinter i7100 offers highly accurate label printing for business critical high volume identification challenges.

The printer features:

- a powerful internal processor designed to handle up to 7000 labels per day
- up to 300 mm/sec print speed
- 600 dpi ultra-sharp printing
- centre alignment of prints for high printing accuracy
- interchangeable platen rollers for optimised printhead life time
- a wide range of high quality identification materials

### Easy to use

The BradyPrinter i7100 has an intuitive colour touch screen interface with distinctive icons to easily access the printer's menus. The printer's foldable cover allows for a small system footprint and enables users to quickly change consumables to start a new job or continue printing.

### Label materials include:

- Heat-shrinkable sleeves
- High heat printed circuit board labels
- Durable asset and component labels
- Thick cable tags

## The heavy-duty printer that's always ready to perform.



Barcode Labels



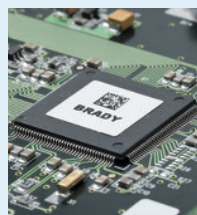
Wire & Cable Labels



Raised Panel Labels



PermaSleeve™ Wire Marking Sleeves



Electronics Labels

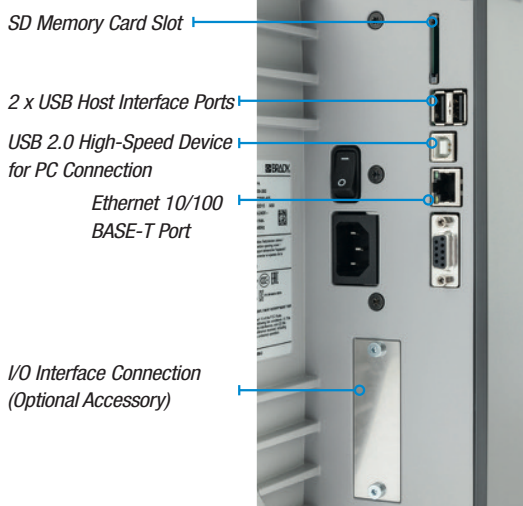


...and more!

# BradyPrinter i7100 Industrial Label Printer

| Printer Specifications           |                                                                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>               | BradyPrinter i7100 Industrial Label Printer                                                                                                                                                                                                                               |
| <b>Includes</b>                  | This i7100 printer comes in a cardboard box. It ships with a power cord, 2 empty ribbon cores, a USB cable, a product CD holding the driver, the user manual in languages, the configuration/settings manual in English and a printed user manual in English.             |
| <b>Applications</b>              | General & Industrial Identification; Circuit Board & Component Identification; Wire & Cable Marking; Laboratory Identification                                                                                                                                            |
| <b>Print Speed (mm/sec)</b>      | up to 300                                                                                                                                                                                                                                                                 |
| <b>Internal Memory</b>           | 256MB RAM, 50MB IFFS Flash, SD card, slot to 512GB                                                                                                                                                                                                                        |
| <b>Software Compatibility</b>    | LabelMark, CodeSoft                                                                                                                                                                                                                                                       |
| <b>Recommended Usage per Day</b> | 7000                                                                                                                                                                                                                                                                      |
| <b>Colour Capability</b>         | Monocolour                                                                                                                                                                                                                                                                |
| <b>Language Support</b>          | Arabic (Egypt), Bulgarian, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Lithuanian, Macedonian, Norwegian (Bokmål), Persian (Farsi), Polish, Portuguese, Romanian, Russian, Serbian, Slovenian, Spanish, Swedish, Turkish |
| <b>Weight (kg)</b>               | 10                                                                                                                                                                                                                                                                        |
| <b>Size W x H x D (mm)</b>       | 252 x 288 x 460                                                                                                                                                                                                                                                           |
| <b>Max. Label Width (mm)</b>     | 110 mm                                                                                                                                                                                                                                                                    |
| <b>Min. Label Width (mm)</b>     | 4 mm                                                                                                                                                                                                                                                                      |
| <b>Max. Liner Width (mm)</b>     | 114 mm                                                                                                                                                                                                                                                                    |
| <b>Min. Liner Width (mm)</b>     | 9 mm                                                                                                                                                                                                                                                                      |
| <b>Max. Print Width (mm)</b>     | 105.7 mm                                                                                                                                                                                                                                                                  |
| <b>Warranty</b>                  | 2 years                                                                                                                                                                                                                                                                   |

## INTERFACES ON THE BACK OF THE DEVICE



| Specialty Material Recommendations  |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| Raised Panel labels (B-593, B-7593) | Recommended                                                         |
| Heatex Cable Markers                | Recommended                                                         |
| PermaSleeves                        | Recommended (With 2-pass reinsert of media for double-sided)        |
| Diesel Resistant Sleeves (B-7646)   | Recommended (With 2-pass reinsert of media double-sided format)     |
| ZH PermaSleeve Markers (B-7641)     | Recommended (With 2-pass reinsert of media for double-sided format) |
| HX PermaSleeve Markers (B-7642)     | Recommended (With 2-pass reinsert of media for double-sided format) |
| Self-laminating Labels (B-427)      | Recommended                                                         |

## BRADYPRINTER i7100

| Article No.    | Order Reference   | Description                                                                |
|----------------|-------------------|----------------------------------------------------------------------------|
| <b>300 dpi</b> |                   |                                                                            |
| 149046         | i7100-300-EU      | BradyPrinter i7100 300 dpi - EU                                            |
| 197353         | i7100-300-EU+LM   | BradyPrinter i7100 300 dpi - EU with LabelMark Software                    |
| 149049         | i7100-300-P-EU    | BradyPrinter i7100 300 dpi - EU with Peel function                         |
| 197354         | i7100-300-P-EU+LM | BradyPrinter i7100 300 dpi - EU with Peel function and LabelMark Software  |
| 149067         | i7100-300-UK      | BradyPrinter i7100 300 dpi - UK                                            |
| 197357         | i7100-300-UK+LM   | BradyPrinter i7100 300 dpi - UK with LabelMark Software                    |
| 149068         | i7100-300-P-UK    | BradyPrinter i7100 300 dpi - UK with Peel function                         |
| 197358         | i7100-300-P-UK+LM | BradyPrinter i7100 300 dpi - UK with Peel function and LabelMark Software  |
| 197690         | i7100-300-US      | BradyPrinter i7100 300 dpi - US                                            |
| 197349         | i7100-300-US+LM   | BradyPrinter i7100 300 dpi - US with LabelMark Software                    |
| 197689         | i7100-300-P-US    | BradyPrinter i7100 300 dpi - US with Peel function                         |
| 197350         | i7100-300-P-US+LM | BradyPrinter i7100 300 dpi - US with Peel function and LabelMark Software  |
| <b>600 dpi</b> |                   |                                                                            |
| 149047         | i7100-600-EU      | BradyPrinter i7100 600 dpi - EU                                            |
| 197355         | i7100-600-EU+LM   | BradyPrinter i7100 600 dpi - EU with LabelMark Software                    |
| 149052         | i7100-600-P-EU    | BradyPrinter i7100 600 dpi - EU with Peel function                         |
| 197356         | i7100-600-P-EU+LM | BradyPrinter i7100 600 dpi - EU with Peel function and LabelMark Software  |
| 149066         | i7100-600-UK      | BradyPrinter i7100 600 dpi - UK                                            |
| 197359         | i7100-600-UK+LM   | BradyPrinter i7100 600 dpi - UK with LabelMark Software                    |
| 149065         | i7100-600-P-UK    | BradyPrinter i7100 600 dpi - UK with Peel function                         |
| 197360         | i7100-600-P-UK+LM | BradyPrinter i7100 600 dpi - UK with Peel function and LabelMark Software  |
| 197692         | i7100-600-US      | BradyPrinter i7100 600 dpi - US                                            |
| 197351         | i7100-600-US+LM   | BradyPrinter i7100 600 dpi - US with LabelMark Software                    |
| 197691         | i7100-600-P-US    | BradyPrinter i7100 600 dpi - US with Peel function                         |
| 197352         | i7100-600-P-US+LM | BradyPrinter i7100 600 dpi - US with Peel function with LabelMark Software |

For more information about LabelMark, please see page 22.

## BRADYPRINTER i7100 ACCESSORIES

| Article No. | Order Reference    | Description                                              |
|-------------|--------------------|----------------------------------------------------------|
| 133251      | PCK-6              | Printer Cleaning Kit - Thermal Transfer Printers         |
| 149043      | i7100-PR-120mm     | 120mm Platen Roller with synthetic rubber coating        |
| 149044      | i7100-PRS-120mm    | 120mm Platen Roller with silicone rubber coating         |
| 149048      | i7100-PR-25mm      | 25mm Platen Roller with synthetic rubber coating         |
| 149051      | i7100-RAR-120mm    | 120mm Rewind Assist Roller with synthetic rubber coating |
| 149054      | i7100-PR-80mm      | 80mm Platen Roller with synthetic rubber coating         |
| 149055      | i7100-PR-50mm      | 50mm Platen Roller with synthetic rubber coating         |
| 149069      | i7100-CUTTER+TRAY  | Cutter CU400 with Tray                                   |
| 149070      | i7100-ANTI-S-BRUSH | Antistatic Brush                                         |
| 149071      | i7100-IO-LABEL-BOX | Label Selection I/O Box                                  |
| 149072      | i7100-PS1000MP     | Present Sensor PS1000MP                                  |
| 149073      | i7100-IO-CONNECTOR | I/O Interface Connector SUB-D 25pins                     |
| 149074      | i7100-RG400-PLATE  | Rewind Guide Plate RG400                                 |
| 149075      | i7100-PS900        | Present Sensor PS900                                     |
| 149077      | i7100-IO-INTERFACE | I/O Interface                                            |
| 149078      | i7100-PERF-CUTTER  | Perforation Cutter PCU400                                |
| 149080      | i7100-BT-USB-ADAPT | Bluetooth USB Adapter                                    |
| 149131      | i7100-WLAN-EXANT   | i7100 USB Wlan Stick with External Antenna               |
| 149132      | i7100-ADAPTER-100  | i7100 Adapter for 100mm Core                             |
| 149135      | i7100-PPLTEXT-410  | i7100 Extended Peel off plate DP410                      |

## BRADY WORKSTATION



Brady Workstation offers professional, intuitive apps to design quality product and cable labels and safety signs. With Brady Workstation label design becomes easier, faster and quickly adaptable to new label norms thanks to centralised updates.

For more information about Brady Workstation, please see page 16.



## BBP™72 DOUBLE-SIDED SLEEVE PRINTER

### PRINT SLEEVES IN HALF THE TIME

**Print accurate, double-sided heat-shrink sleeves for wire and cable identification.**

The BBP™72 Double-sided Sleeve Printer is designed to print on both the top and the bottom of the sleeve simultaneously, creating sleeves in a seamless one-pass operation without the time-consuming, tedious process of re-winding and re-printing the sleeves.

- Double-sided printing with one-pass operation
- Ideal for large print run quantities
- Automatic printing and formatting for reducing label errors
- Less sleeve waste due to incorrect set-up and misalignment
- Crisp, clear thermal transfer printing with 300 dpi print resolution
- Prints on a variety of heat-shrink sleeves including PermaSleeve™ PS, HX, HT, and ZH Wire Marking Sleeves
- Durable, fade-resistant and smudge-proof sleeves
- Higher printhead heat settings for optimum print quality
- Rugged design with metal cover protects the printer and your materials



#### Materials:

BBP72 Sleeves .....page 204, 206, 209, 213, 215, 216  
BBP72 Print Ribbons.....page 217

#### VIEW ONLINE

Visit [www.bradyeurope.com](http://www.bradyeurope.com) for more information on the BBP™72 Double-sided Sleeve Printer

## Get a Full solution

#### Automated print & apply



#### Specialised high quality identification



#### Software



#### Support & services



[www.bradyeurope.com/wire-automation](http://www.bradyeurope.com/wire-automation)







# Wraprator A6500 Wire Identification Printer Applicator



## Your Complete Printing Solution:

Wraprator Materials .....page 147

Wraprator Print Ribbons .....page 219

## VIEW ONLINE

Visit [www.bradyeurope.com/wraptor](http://www.bradyeurope.com/wraptor) for more information on the Wraprator A6500

## Wraprator™ A6500

WIRE ID PRINTER APPLICATOR

### AUTOMATE CABLE IDENTIFICATION

The Wraprator A6500 can significantly increase production output by automating cable identification.

The Wraprator A6500 Wire Identification Printer Applicator can significantly increase production output by identifying cables with wrap-around labels in 5 seconds. It automatically prints and applies the label on a wide range of insertable cables, saving up to 10 seconds per identified cable.



Select job, insert wire or cable.



Wraprator prints and wraps in under 5 seconds!

| Printer                                                               |                                                                                              |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Print Technology                                                      | Thermal Transfer                                                                             |
| Print Resolution (dpi)                                                | 300                                                                                          |
| Min. Wire Diameter (mm)                                               | 1.52 mm                                                                                      |
| Max. Wire Diameter (mm)                                               | 15.24 mm                                                                                     |
| Machine cycle time                                                    | 4.5-5.0 Seconds                                                                              |
| Connectivity Options                                                  |                                                                                              |
| USB, Ethernet                                                         |                                                                                              |
| Memory Capacity                                                       |                                                                                              |
| 32 GB - Memory expandable through USB                                 |                                                                                              |
| Physical Environment                                                  |                                                                                              |
| Height x Width x Depth                                                | 450.90 mm x 368.30 mm x 571.50 mm                                                            |
| Weight                                                                | 38.50 kg                                                                                     |
| Power Supply                                                          | 90-264 V en CA, 47-63 Hz                                                                     |
| Media                                                                 |                                                                                              |
| Max. Print Width (mm)                                                 | 50.80 mm                                                                                     |
| Max. Print Length                                                     | 41.30 mm                                                                                     |
| Label Dimension Limits                                                | Max. Width: 50.80 mm<br>Min. Width: 6.35 mm<br>Max. Height: 76.2 mm<br>Min. Height: 19.05 mm |
| Ribbons                                                               |                                                                                              |
| Outside diameter: 68.58 mm<br>Recommended to be as wide as media      |                                                                                              |
| Fonts, Bar Codes, Graphics                                            |                                                                                              |
| Prints fonts, bar codes, and graphics supported by labelling software |                                                                                              |

## Specialty Material Recommendations

Only the labels appearing on the following page are compatible with the Wraprator A6500.

## WRAPRATOR A6500 WIRE IDENTIFICATION PRINTER APPLICATOR

| Article No. | Order Reference    | Description                                        |
|-------------|--------------------|----------------------------------------------------|
| 149244      | WRAPRATOR-A6500-EU | Wraprator A6500 Wire ID Printer Applicator - EU/UK |

Wraprator™ A6500 Wire ID Printer Applicator, including Brady Workstation label design and printing software, Wraprator™ print driver, USB cable, Stylus, power cord, roll of WRAP-4-427 and roll of R-4302 ribbon

**For In-Line Cut & Strip Applications:** Special restrictions apply. Contact Brady for all in-line Cut & Strip applications.

## WRAPRATOR ACCESSORIES

| Article No. | Order Reference | Description                                      |
|-------------|-----------------|--------------------------------------------------|
| 076805      | USB Cable       | USB Cable                                        |
| 133251      | PCK-6           | Printer Cleaning Kit - Thermal Transfer Printers |

## BRADY WORKSTATION



Coupled with Brady Workstation apps for easy label design, barcoding and serialisation, the Wraprator becomes a highly practical process efficiency increaser.

## WRAPTOR A6500 MATERIALS

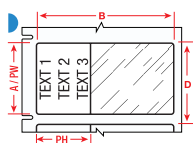
The following part numbers beginning with “WRAP” are specially designed for use with the Wraptor A6500 printer only.

### SELF-LAMINATING VINYL

Colour: White/Clear

Finish: Matte

Brady's most popular wire and cable marker. Self-laminating vinyl features white printable area with a clear “tail that wraps around marker. Tail serves as overlamine to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.



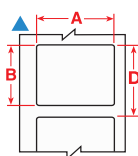
| Diagram                      | Order Reference | Colour            | Label Width A (mm) | Label Height B (mm) | Printable Area Width PW (mm) | Printable Area Height PH (mm) | Vertical Repeat D (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Roll | Printer Ribbon Series |
|------------------------------|-----------------|-------------------|--------------------|---------------------|------------------------------|-------------------------------|------------------------|-------------------------|-------------------------|-----------------|-----------------------|
| B-427: Self-laminating Vinyl |                 |                   |                    |                     |                              |                               |                        |                         |                         |                 |                       |
| ▶                            | WRAP-1-427      | White/Transparent | 12.70              | 19.05               | 12.70                        | 9.53                          | 22.20                  | 2.00                    | 3.00                    | 6800            | R4300                 |
| ▶                            | WRAP-11-427     | White/Transparent | 12.70              | 38.10               | 12.70                        | 12.70                         | 41.30                  | 4.00                    | 8.10                    | 3600            | R4300                 |
| ▶                            | WRAP-2-427      | White/Transparent | 25.40              | 25.40               | 25.40                        | 9.53                          | 28.60                  | 2.70                    | 5.10                    | 5300            | R4300                 |
| ▶                            | WRAP-3-427      | White/Transparent | 25.40              | 31.75               | 25.40                        | 12.70                         | 34.90                  | 3.40                    | 6.10                    | 4300            | R4300                 |
| ▶                            | WRAP-4-427      | White/Transparent | 25.40              | 38.10               | 25.40                        | 12.70                         | 41.30                  | 4.00                    | 8.10                    | 3600            | R4300                 |
| ▶                            | WRAP-10-427     | White/Transparent | 25.40              | 57.15               | 25.40                        | 19.05                         | 60.30                  | 6.10                    | 12.10                   | 2500            | R4300                 |
| ▶                            | WRAP-5-427      | White/Transparent | 38.10              | 63.50               | 38.10                        | 19.05                         | 66.70                  | 6.70                    | 14.20                   | 2200            | R4300                 |
| ▶                            | WRAP-12-427     | White/Transparent | 50.80              | 38.10               | 50.80                        | 12.70                         | 41.30                  | 4.00                    | 8.10                    | 3600            | R4300                 |
| ▶                            | WRAP-6-427      | White/Transparent | 50.80              | 76.20               | 50.80                        | 25.40                         | 79.37                  | 8.10                    | 16.20                   | 1900            | R4300                 |

### NYLON CLOTH

Colour: White

Finish: Matte

Nylon cloth with permanent adhesive allows labelling in environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, laboratory vial identification, and general labelling.



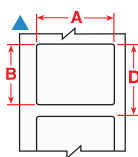
| Diagram            | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|--------------------|-----------------|--------|--------------------|---------------------|-------------------------|-------------------------|------------------------|-----------------|-----------------------|
| B-499: Nylon Cloth |                 |        |                    |                     |                         |                         |                        |                 |                       |
| ▲                  | WRAP-7-499      | White  | 12.70              | 19.05               | 1.52                    | 5.06                    | 22.22                  | 4500            | R4300                 |
| ▲                  | WRAP-8-499      | White  | 25.40              | 38.10               | 4.04                    | 11.13                   | 41.27                  | 2800            | R4300                 |
| ▲                  | WRAP-9-499      | White  | 50.80              | 50.80               | 5.39                    | 15.16                   | 53.97                  | 2100            | R4300                 |
| ▲                  | WRAP-13-499     | White  | 25.40              | 25.40               | 2.69                    | 7.09                    | 28.57                  | 4100            | R4300                 |

### POLYIMIDE

Finish: Matt

Colour: White

B-472 is specifically designed to self-extinguish and prevent flames from propagating. This material is ideal for wire and cable identification in extreme environments, particularly in the aerospace, defense and mass transit industries.



| Diagram          | Order Reference | Colour | Label Width A (mm) | Label Height B (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Vertical Repeat D (mm) | Labels per Roll | Printer Ribbon Series |
|------------------|-----------------|--------|--------------------|---------------------|-------------------------|-------------------------|------------------------|-----------------|-----------------------|
| B-472: Polyimide |                 |        |                    |                     |                         |                         |                        |                 |                       |
| ▲                | WRAP-1-472      | White  | 12.70              | 19.10               | 3.30                    | 8.13                    | 22.22                  | 6800            | R4300;R6200           |
| ▲                | WRAP-6-472      | White  | 50.80              | 76.20               | 3.30                    | 8.13                    | 79.37                  | 1900            | R4300;R6200           |

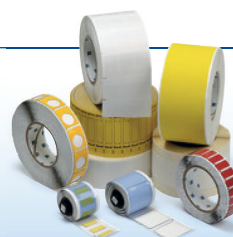


### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material? Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information.





## VIEW ONLINE

Visit [www.bradyeurope.com](http://www.bradyeurope.com) for more information on the BSP™61 Print and Apply System



## BSP™61 PRINT AND APPLY SYSTEM

### COMPLETE LABELLING SOLUTION TO OBTAIN 100% TRACEABILITY

The BSP™61 Print and Apply System offers a fully automatic labelling solution anywhere along the production line. It combines a thermal transfer label printer with an automatic applicator and is designed to consistently print and accurately position and apply labels in almost all manufacturing applications. The BSP61 combines precision, versatility and high print quality and offers best value for money.

### MEETS THE DEMANDS OF YOUR ENVIRONMENT

The BSP™61 Print and Apply System is developed for applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics, manufacturing and laboratory. Designed for optimum, easy integration into existing production lines, the BSP61 has a compact footprint and offers a software that is compatible with your host system.

### PROBLEM FREE AUTOMATIC LABELLING

Brady have developed unique solutions that remove the problems of automating label application to ensure reliable tracking and tracing.

- **No Cutting into the liner** – custom developed Clean Liner Technology (CLT) prevents over cutting into the liner and ensures a perfect result from the outset.
- **Clean pick up** – our applicator head will pick up every label without exception
- **No Adhesive bleeding** – CLT eradicates any problems with the adhesive
- **No Label curling** – our labelling materials are developed specifically for automatic application with a no-curl guarantee
- **Accuracy** – correct placement first time, every time

## HIGH PERFORMANCE IDENTIFICATION MATERIALS FOR DEMANDING APPLICATIONS.







## BSP™61 PRINTER

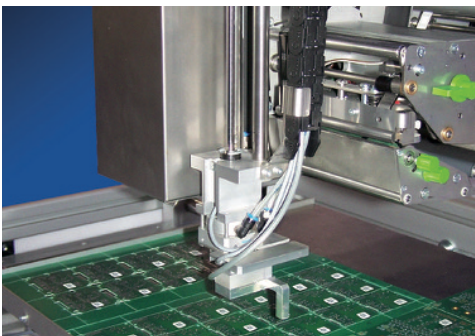
| Article No. | Order Reference | Description                                                                             |
|-------------|-----------------|-----------------------------------------------------------------------------------------|
| 710948      | BSP61-62L       | BSP61 for up to 50mm wide consumables - 600 dpi - to be combined with left applicator   |
| 710949      | BSP61-34L       | BSP61 for up to 101mm wide consumables - 300 dpi - to be combined with left applicator  |
| 710952      | BSP61-62R       | BSP61 for up to 50mm wide consumables - 600 dpi - to be combined with right applicator  |
| 710953      | BSP61-34R       | BSP61 for up to 101mm wide consumables - 300 dpi - to be combined with right applicator |

### Printer Specifications

|                                                |                                                                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>                             | Print and apply system precision developed for applications such as PCB assembly and marking, component and product marking in high quality.                       |
| <b>Applications</b>                            | Higher volume applications such as PCB marking, component and product marking in high quality demanding industries like automotive, electronics and manufacturing. |
| <b>Hours of Operation</b>                      | 24 hours/ 7 days                                                                                                                                                   |
| <b>Recommended Usage per Day</b>               | 7000                                                                                                                                                               |
| <b>Software Compatibility</b>                  | CodeSoft, LabelMark, Windows based driver for 3rd party software use                                                                                               |
| <b>Colour Capability</b>                       | Monocolour                                                                                                                                                         |
| <b>Connectivity Options</b>                    | Serial, USB, Ethernet (optional)                                                                                                                                   |
| <b>Stand-alone Printing (Detached from PC)</b> | Yes                                                                                                                                                                |
| <b>Cutter</b>                                  | Not applicable                                                                                                                                                     |
| <b>Hardware Options</b>                        | Applicators                                                                                                                                                        |
| <b>Internal Memory Capacity</b>                | 64 MB                                                                                                                                                              |
| <b>Memory - Ram/Flash</b>                      | 8 MB                                                                                                                                                               |
| <b>Label Dimension Limits</b>                  | Max. Width: 58.00 mm (BSP61-62) or 114 mm (BSP61-34)<br>Min. Width: 4.00 mm (BSP61-62) or 10 mm (BSP61-34)<br>Min. Height: 4.00 mm (BSP61-62) or 8 mm (BSP61-34)   |
| <b>Maximum Print Width (mm)</b>                | 57.00 mm (BSP61-62) or 105.60 mm (BSP61-34)                                                                                                                        |
| <b>Max. Print Speed (mm/sec)</b>               | 100 mm/sec (BSP61-62)<br>250 mm/sec (BSP61-34)                                                                                                                     |
| <b>Print Technology</b>                        | Thermal Transfer                                                                                                                                                   |
| <b>Print Resolution (dpi)</b>                  | 300 / 600                                                                                                                                                          |

## BSP™61 PRINTER ACCESSORY

| Article No. | Order Reference | Description                                      |
|-------------|-----------------|--------------------------------------------------|
| 133251      | PCK-6           | Printer Cleaning Kit - Thermal Transfer Printers |



## BSP™61 APPLICATORS



| Article No. | Order Reference    | Description                                                                                                                                               |
|-------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 710963      | Applic. 4114L-200  | Left applicator - cylinder stroke 200 mm - horizontal precision guide in feed direction                                                                   |
| 710964      | Applic. 4114L-300  | Left applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction                                                                   |
| 710965      | Applic. 4214L-200  | Left applicator - cylinder stroke 200 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)                                                   |
| 710966      | Applic. 4214L-300  | Left applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)                                                   |
| 710969      | Applic. 4414L-200  | Left applicator - cylinder stroke 200 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)                        |
| 710970      | Applic. 4414L-300  | Left applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)                        |
| 710972      | Applic. 4114R-200  | Right applicator - cylinder stroke 200 mm - horizontal precision guide in feed direction                                                                  |
| 710973      | Applic. 4114R-300  | Right applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction                                                                  |
| 710974      | Applic. 4214R-200  | Right applicator - cylinder stroke 200 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)                                                  |
| 710975      | Applic. 4214R-300  | Right applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°)                                                  |
| 710979      | Applic. 4414R-200  | Right applicator - cylinder stroke 200 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)                       |
| 710980      | Applic. 4414R-300  | Right applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm)                       |
| 711040      | Appl. 4114L-200+PR | Left applicator - cylinder stroke 200 mm - horizontal precision guide in feed direction with pressure reducer                                             |
| 711041      | Appl. 4114L-300+PR | Left applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction with pressure reducer                                             |
| 711042      | Appl. 4214L-200+PR | Left applicator - cylinder stroke 200 mm - horizontal rotary cylinder (angle of rotation 90 other 180°) with pressure reducer                             |
| 711043      | Appl. 4214L-300+PR | Left applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°) with pressure reducer                             |
| 711046      | Appl. 4414L-200+PR | Left applicator - cylinder stroke 200 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm) with pressure reducer  |
| 711047      | Appl. 4414L-300+PR | Left applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm) with pressure reducer  |
| 711048      | Appl. 4114R-200+PR | Right applicator - cylinder stroke 200 mm - horizontal precision guide in feed direction with pressure reducer                                            |
| 711049      | Appl. 4114R-300+PR | Right applicator - cylinder stroke 300 mm - horizontal precision guide in feed direction with pressure reducer                                            |
| 711050      | Appl. 4214R-200+PR | Right applicator - cylinder stroke 200 mm - horizontal rotary cylinder (angle of rotation 90 other 180°) with pressure reducer                            |
| 711051      | Appl. 4214R-300+PR | Right applicator - cylinder stroke 300 mm - horizontal rotary cylinder (angle of rotation 90 other 180°) with pressure reducer                            |
| 711055      | Appl. 4414R-200+PR | Right applicator - cylinder stroke 200 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm) with pressure reducer |
| 711056      | Appl. 4414R-300+PR | Right applicator - cylinder stroke 300 mm - adjustable horizontal precision guides in X and Y direction (up to Y = 13 mm, X = 5 mm) with pressure reducer |





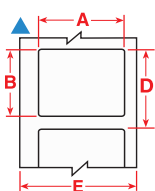
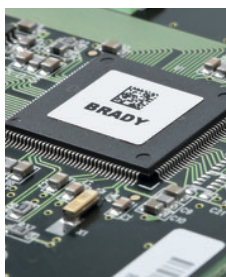
## AUTOMATIC LABEL FEEDING

The **ALF14 Label Feeder** automates label feeding to your existing pick & place machine. Fast, efficient and easy to use, the ALF14 Label Feeder offers effective automated label feeding and can be implemented anywhere along the production line.

Labels are simply treated like any other component and are placed with the accuracy of your current pick and place machine. The label feeder's compact and durable design allows for flexibility and simplicity.

## THE ALF14 LABEL FEEDER OFFERS

- easy label loading and setup
- fast sensing and dispensing
- easily adjustable liner width to avoid downtime
- compatibility with a wide range of label sizes
- compatibility with a range of pick & place machines
- easy integration thanks to a small footprint
- great durability
- easy signal interfacing for machine compatibility
- great reliability with Brady's printed circuit board labels



## AUTO-APPLY LABEL (APL) B-7727 RANGE

### BLANK LABELS

| Diagram           | Order Reference | Colour | Finish | Width A (mm) | Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Roll | Recommended Ribbon |
|-------------------|-----------------|--------|--------|--------------|---------------|------------------------|------------------|-----------------|--------------------|
| B-7727: Polyimide |                 |        |        |              |               |                        |                  |                 |                    |
| ▲                 | APL-01-7727-10  | White  | Gloss  | 5.00         | 5.00          | 7.99                   | 11.43            | 10000           | R6000HF            |
| ▲                 | APL-02-7727-10  | White  | Gloss  | 6.35         | 6.35          | 10.16                  | 11.43            | 10000           | R6000HF            |
| ▲                 | APL-03-7727-10  | White  | Gloss  | 7.00         | 7.00          | 10.85                  | 11.43            | 10000           | R6000HF            |
| ▲                 | APL-05-7727-10  | White  | Gloss  | 9.53         | 9.53          | 12.09                  | 12.70            | 10000           | R6000HF            |
| ▲                 | APL-07-7727-10  | White  | Gloss  | 19.05        | 6.35          | 10.16                  | 22.23            | 10000           | R6000HF            |

### PRE-PRINTED LABELS

| Diagram           | Order Reference    | Colour | Finish | Width A (mm) | Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Roll | Recommended Ribbon |
|-------------------|--------------------|--------|--------|--------------|---------------|------------------------|------------------|-----------------|--------------------|
| B-7727: Polyimide |                    |        |        |              |               |                        |                  |                 |                    |
| ▲                 | APL-01-7727-10-PRT | White  | Gloss  | 5.00         | 5.00          | 7.99                   | 11.43            | 10000           | R6000HF            |
| ▲                 | APL-02-7727-10-PRT | White  | Gloss  | 6.35         | 6.35          | 10.16                  | 11.43            | 10000           | R6000HF            |
| ▲                 | APL-03-7727-10-PRT | White  | Gloss  | 7.00         | 7.00          | 10.85                  | 11.43            | 10000           | R6000HF            |
| ▲                 | APL-05-7727-10-PRT | White  | Gloss  | 9.53         | 9.53          | 12.09                  | 12.70            | 10000           | R6000HF            |
| ▲                 | APL-07-7727-10-PRT | White  | Gloss  | 19.05        | 6.35          | 10.16                  | 22.23            | 10000           | R6000HF            |

### PRINT RIBBON

| Order Reference      | Colour | Width (mm) | Length (m) |
|----------------------|--------|------------|------------|
| R6000HF 30mmx300m /O | Black  | 30.00      | 300.00     |

| Specifications                  |                                                                                                                                                                    |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weight                          | 0.45 kg                                                                                                                                                            |
| Size W x D x L (mm)             | 43 x 115 x 54                                                                                                                                                      |
| Height of pickup position (mm)  | 50                                                                                                                                                                 |
| Chopping time                   | 0.25s for 6.35 mm x 6.35 mm label                                                                                                                                  |
| Approval/Compliance             | CE, WEEE, RoHS                                                                                                                                                     |
| Voltage                         | 24 V                                                                                                                                                               |
| Power Consumption               | max. 24 W                                                                                                                                                          |
| Current Consumption             | max. 1 A                                                                                                                                                           |
| Power Supply                    | Main supply wall plug charger, Machine cable (Europlacer, Fritsch, Juki, Siemens, Yamaha)                                                                          |
| Connector                       | 9 pin SUB-D Male                                                                                                                                                   |
| Compatible Pick & Place Systems | Siemens ASM Siplace Series, Europlacer, Fritsch, Fuji NXT, Heeb innotec, Hitachi, Juki Series 2000, MyData, Samsung SM Series, Yamaha, Assembléon (others pending) |
| Signal Interface                | - Label Feed Request<br>- Label ready<br>- Error                                                                                                                   |
| Minimum Label Size (mm)         | 4 x 4                                                                                                                                                              |
| Maximum Label Size (mm)         | 23 x 23                                                                                                                                                            |
| Max. Liner Width (mm)           | 26                                                                                                                                                                 |
| Label Conveying Speed           | 10-200 mm/s                                                                                                                                                        |
| Label Positioning Frequency     | up to 6 labels/second (depends on label size)                                                                                                                      |



## LABEL FEEDER / SMT MACHINE COMPATIBILITY

Is your equipment not listed? Contact us for more detail!

| SUPPORTED SMT MACHINES: |                          |          |
|-------------------------|--------------------------|----------|
| SMT Manufacturer        | SMT Machine Model        | Part No. |
| Assembléon              | Emerald                  | 195811   |
| Assembléon              | Emerald-X                | 195811   |
| Assembléon              | MC-1                     | 195790   |
| Assembléon              | MC-12                    | 195790   |
| Assembléon              | MC-24                    | 195790   |
| Assembléon              | MC-24X                   | 195790   |
| Assembléon              | MC-5                     | 195790   |
| Assembléon              | MC-5 with ATS or MTF     | 195790   |
| Assembléon              | MC-5X                    | 195790   |
| Assembléon              | MC-8                     | 195790   |
| Assembléon              | MG-1                     | 195811   |
| Assembléon              | MG-1R                    | 195811   |
| Assembléon              | MG-2                     | 195811   |
| Assembléon              | MG-3                     | 195811   |
| Assembléon              | MG-5                     | 195811   |
| Assembléon              | MG-8                     | 195811   |
| Assembléon              | MG-8R                    | 195811   |
| Assembléon              | Sapphire                 | 195811   |
| Assembléon              | Sapphire-X               | 195811   |
| Assembléon              | Sapphire-XII             | 195811   |
| Assembléon              | Topaz                    | 195811   |
| Assembléon              | Topaz-X                  | 195811   |
| Assembléon              | Topaz-Xi                 | 195811   |
| Assembléon              | Topaz-XII                | 195811   |
| Fuji                    | AIMEX                    | 195784   |
| Fuji                    | AIMEX 2                  | 195784   |
| Fuji                    | AIMEX 2S                 | 195784   |
| Fuji                    | NXT 1                    | 195784   |
| Fuji                    | NXT 2                    | 195784   |
| Fuji                    | NXT 3                    | 195784   |
| Juki                    | FX-3 Speed Placer        | 195779   |
| Juki                    | FX-3R / FX-3RA           | 195779   |
| Juki                    | JM-10 Multitask Platform | 195779   |
| Juki                    | JM-20 Multitask Platform | 195779   |
| Juki                    | JX-100LED Compact placer | 195779   |
| Juki                    | JX-300LED Compact Placer | 195779   |
| Juki                    | KE-2070 Speed Placer     | 195779   |
| Juki                    | KE-2080 Flex Placer      | 195779   |
| Juki                    | KE-3010 Speed Placer     | 195779   |
| Juki                    | KE-3020 Flex Placer      | 195779   |
| MyData Mycronic         | DX                       | 195792   |
| MyData Mycronic         | MY100                    | 195792   |
| MyData Mycronic         | MY12                     | 195792   |
| MyData Mycronic         | MY15                     | 195792   |
| MyData Mycronic         | MY200                    | 195792   |
| MyData Mycronic         | MY9                      | 195792   |
| Samsung                 | DECAN                    | 195789   |
| Samsung                 | DECAN F2                 | 195789   |
| Samsung                 | SM411                    | 195789   |

| SUPPORTED SMT MACHINES: |                   |          |
|-------------------------|-------------------|----------|
| SMT Manufacturer        | SMT Machine Model | Part No. |
| Samsung                 | SM421             | 195789   |
| Samsung                 | SM451             | 195789   |
| Samsung                 | SM471             | 195789   |
| Samsung                 | SM481             | 195789   |
| Samsung                 | SM482             | 195789   |
| Siplace ASM             | D                 | 195810   |
| Siplace ASM             | F                 | 195810   |
| Siplace ASM             | HF                | 195810   |
| Siplace ASM             | S                 | 195810   |
| Siplace ASM             | SX                | 195781   |
| Siplace ASM             | X                 | 195781   |
| Yamaha                  | 24                | 195790   |
| Yamaha                  | 88                | 195790   |
| Yamaha                  | 100               | 195790   |
| Yamaha                  | YS12              | 195790   |
| Yamaha                  | 12F               | 195790   |
| Yamaha                  | 24X               | 195790   |
| Yamaha                  | YG100             | 195811   |
| Yamaha                  | YG100R            | 195811   |
| Yamaha                  | YG12F             | 195811   |
| Yamaha                  | YG200             | 195811   |
| Yamaha                  | YG200L            | 195811   |
| Yamaha                  | YG300             | 195811   |
| Yamaha                  | YG88              | 195811   |
| Yamaha                  | YG88R             | 195811   |
| Yamaha                  | YS100             | 195790   |
| Yamaha                  | YS12              | 195790   |
| Yamaha                  | YS12F             | 195790   |
| Yamaha                  | YS12P             | 195790   |
| Yamaha                  | YS24              | 195790   |
| Yamaha                  | YS24X             | 195790   |
| Yamaha                  | YS88              | 195790   |
| Yamaha                  | YSM20 (Z:LEX)     | 195790   |
| Yamaha                  | YSM40 (Z:TA)      | 195790   |
| Yamaha                  | YV100-II          | 195811   |
| Yamaha                  | YV100X            | 195811   |
| Yamaha                  | YV100Xe           | 195811   |
| Yamaha                  | YV100Xg           | 195811   |
| Yamaha                  | YV100XgC          | 195811   |
| Yamaha                  | YV100XgP          | 195811   |
| Yamaha                  | YV100XT           | 195811   |
| Yamaha                  | YV100XTg          | 195811   |
| Yamaha                  | YV112-III         | 195811   |
| Yamaha                  | YV180X            | 195811   |
| Yamaha                  | YV180Xg           | 195811   |
| Yamaha                  | YV88X             | 195811   |
| Yamaha                  | YV88Xg            | 195811   |
| Yamaha                  | YVL88-II          | 195811   |



## BSP™45 WIRE ID SLEEVE APPLICATOR

Cable sleeves are a durable solution to keep wires and cables identified in challenging conditions. But applying a cable sleeve to hundreds of cables is quite time-consuming. Brady offers the BSP™45 Automated Sleeve Applicator to increase cable sleeve application speed and to reduce application cost. Cable sleeves can be printed on-site before they are applied with Brady's BP PR+ or BPP™72 Printer. Brady's BSP™45 Automated Sleeve Applicator is an easy-to-use, faster and more cost-effective alternative to manual sleeve application. It increases wire sleeve application speed by up to 6-10 seconds by automatically removing sleeves from the liner, opening and applying them to the wires. By eliminating the tedious task of applying hundreds of wire sleeves, it gives workers more time to focus on other important tasks.

### Experience the benefits of the BSP45 Automated Sleeve Applicator at your facility:

- **FAST.** Up to 6-10 seconds faster than manual labelling.
- **EASY.** Eliminate the tedious, repetitive task of manual application that can lead to bottlenecks and repetitive motion injuries.
- **COST EFFECTIVE.** Save labour time and resources with quicker, automated application.
- **EASY-TO-USE.** Automatically removes sleeves from liner, opens them so a wire can be inserted, and applies them with the touch of a pedal from the operator.
- **RELIABLE.** Durable construction for high-volume, long term use.

Anyone who frequently uses and applies wire sleeves will enjoy the ease and efficiency of the BSP45 Applicator. It was specifically developed for intensive wire sleeve users, such as harness shops and panel buildings, in the aerospace, defense, rail, and chemical, oil and gas industries.



## Applicator Specifications

| Specifications               |                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printer Compatibility        | BBP72 Printer, BP-PR 300 PLUS, BP-PR 600 PLUS                                                                                                                                                                                                                                                                                                              |
| Software Compatibility       | Brady Workstation, LabelMark                                                                                                                                                                                                                                                                                                                               |
| Warranty                     | 1 year                                                                                                                                                                                                                                                                                                                                                     |
| Operating Temperature        | 5°C - 40°C                                                                                                                                                                                                                                                                                                                                                 |
| Height x Height x Width (mm) | 280 mm x 660 mm x 228 mm                                                                                                                                                                                                                                                                                                                                   |
| Weight (kg)                  | 19 kg                                                                                                                                                                                                                                                                                                                                                      |
| Approval/Compliance          | UL REC / E467567; UL 61010-1, 3rd Ed. 2012-05; CAN/CSA-C22.2 No. 61010-1, 3rd Ed., 2012-05; EN 61010-1:2010 3rd Ed.; FCC Part 15 Class A; ICES-001 Issue 4 Class A; AS/NZ CISPR 11 Class A; EN 61010-1:2010; EN 55011:2009/A1:2010; EN 61326-1:2013; EN 61000-3-2:2014; EN 61000-3-3:2013; CE Marking: LVD 2014/35/EU, EMCD; RoHS2 2012/65/EU, 2015/863/EU |
| Power Supply                 | AC Adaptor                                                                                                                                                                                                                                                                                                                                                 |
| Materials Supported          | Brady PermaSleeve Wire Marking Sleeves B-342, B-7641 and B-7646. The BSP45 Sleeve Applicator is designed to function only with a specific range of Brady BSP45-specific sleeves constructed to allow correct feed, sensing and auto-application by the machine.                                                                                            |



### Cost Savings Calculator

BSP™45 Automated Sleeve Applicator vs. Manual Wire Sleeve Application. Download the calculator and find out what you could save in just 3 steps!

[www.bradyeurope.com/BSP45](http://www.bradyeurope.com/BSP45)





# BSP™45 Automated Sleeve Applicator

**FIND THE RIGHT DURABLE BRADY SLEEVE MATERIALS AND RIBBONS FOR YOUR WIRE IDENTIFICATION PROJECTS.**

| Order Reference                                              | Colour | Sleeves per Roll | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Shrink Ratio | Sleeve height (mm) | Sleeve width (mm) | Recommended Ribbon |
|--------------------------------------------------------------|--------|------------------|-------------------------|-------------------------|--------------|--------------------|-------------------|--------------------|
| <b>B-342 Heat-shrink Polyolefin Sleeve</b>                   |        |                  |                         |                         |              |                    |                   |                    |
| SA-3PS-094-1-WT                                              | White  | 2500             | 0.58                    | 2.03                    | 3:1          | 4.60               | 25.40             | R4300; R6600       |
| SA-3PS-094-1-YL                                              | Yellow | 2500             | 0.58                    | 2.03                    | 3:1          | 4.60               | 25.40             | R4300; R6600       |
| SA-3PS-125-1-WT                                              | White  | 2500             | 1.17                    | 2.79                    | 3:1          | 6.00               | 25.40             | R4300; R6600       |
| SA-3PS-125-1-YL                                              | Yellow | 2500             | 1.17                    | 2.79                    | 3:1          | 6.00               | 25.40             | R4300; R6600       |
| SA-3PS-125-2-WT                                              | White  | 2500             | 1.17                    | 2.79                    | 3:1          | 6.00               | 50.80             | R4300; R6600       |
| SA-3PS-125-2-YL                                              | Yellow | 2500             | 1.17                    | 2.79                    | 3:1          | 6.00               | 50.80             | R4300; R6600       |
| SA-3PS-187-1-WT                                              | White  | 2500             | 1.57                    | 3.81                    | 3:1          | 8.50               | 25.40             | R4300; R6600       |
| SA-3PS-187-1-YL                                              | Yellow | 2500             | 1.57                    | 3.81                    | 3:1          | 8.50               | 25.40             | R4300; R6600       |
| SA-3PS-187-2-WT                                              | White  | 2500             | 1.57                    | 3.81                    | 3:1          | 8.50               | 50.80             | R4300; R6600       |
| SA-3PS-187-2-YL                                              | Yellow | 2500             | 1.57                    | 3.81                    | 3:1          | 8.50               | 50.80             | R4300; R6600       |
| SA-3PS-250-1-WT                                              | White  | 2500             | 2.39                    | 5.46                    | 3:1          | 11.15              | 25.40             | R4300; R6600       |
| SA-3PS-250-1-YL                                              | Yellow | 2500             | 2.39                    | 5.46                    | 3:1          | 11.15              | 25.40             | R4300; R6600       |
| SA-3PS-250-1-YL-J                                            | Yellow | 7500             | 2.39                    | 5.46                    | 3:1          | 11.15              | 25.40             | R4300; R6600       |
| SA-3PS-250-2-WT                                              | White  | 2500             | 2.39                    | 5.46                    | 3:1          | 11.15              | 50.80             | R4300; R6600       |
| SA-3PS-250-2-YL                                              | Yellow | 2500             | 2.39                    | 5.46                    | 3:1          | 11.15              | 50.80             | R4300; R6600       |
| SA-3PS-375-1-WT                                              | White  | 1000             | 3.18                    | 8.13                    | 3:1          | 16.40              | 25.40             | R4300; R6600       |
| SA-3PS-375-1-YL                                              | Yellow | 1000             | 3.18                    | 8.13                    | 3:1          | 16.40              | 25.40             | R4300; R6600       |
| SA-3PS-375-1-YL-J                                            | Yellow | 2500             | 3.18                    | 8.13                    | 3:1          | 16.40              | 25.40             | R4300; R6600       |
| SA-3PS-375-2-WT                                              | White  | 1000             | 3.18                    | 8.13                    | 3:1          | 16.40              | 50.80             | R4300; R6600       |
| SA-3PS-375-2-YL                                              | Yellow | 1000             | 3.18                    | 8.13                    | 3:1          | 16.40              | 50.80             | R4300; R6600       |
| <b>B-7641 Heat-shrink Polyolefin Sleeve</b>                  |        |                  |                         |                         |              |                    |                   |                    |
| SA-2LSZH-125-1-WT                                            | White  | 2500             | 1.57                    | 2.79                    | 2:1          | 6.00               | 25.40             | R4300; R6600       |
| SA-2LSZH-125-1-YL                                            | Yellow | 2500             | 1.57                    | 2.79                    | 2:1          | 6.00               | 25.40             | R4300; R6600       |
| SA-2LSZH-125-2-WT                                            | White  | 2500             | 1.57                    | 2.79                    | 2:1          | 6.00               | 50.80             | R4300; R6600       |
| SA-2LSZH-125-2-YL                                            | Yellow | 2500             | 1.57                    | 2.79                    | 2:1          | 6.00               | 50.80             | R4300; R6600       |
| SA-2LSZH-187-1-WT                                            | White  | 2500             | 2.39                    | 3.83                    | 2:1          | 8.50               | 25.40             | R4300; R6600       |
| SA-2LSZH-187-1-YL                                            | Yellow | 2500             | 2.39                    | 3.83                    | 2:1          | 8.50               | 25.40             | R4300; R6600       |
| SA-2LSZH-187-2-WT                                            | White  | 2500             | 2.39                    | 3.83                    | 2:1          | 8.50               | 50.80             | R4300; R6600       |
| SA-2LSZH-187-2-YL                                            | Yellow | 2500             | 2.39                    | 3.83                    | 2:1          | 8.50               | 50.80             | R4300; R6600       |
| SA-2LSZH-250-1-WT                                            | White  | 2500             | 3.17                    | 5.46                    | 2:1          | 11.15              | 25.40             | R4300; R6600       |
| SA-2LSZH-250-1-YL                                            | Yellow | 2500             | 3.17                    | 5.46                    | 2:1          | 11.15              | 25.40             | R4300; R6600       |
| SA-2LSZH-250-2-WT                                            | White  | 2500             | 3.17                    | 5.46                    | 2:1          | 11.15              | 50.80             | R4300; R6600       |
| SA-2LSZH-250-2-YL                                            | Yellow | 2500             | 3.17                    | 5.46                    | 2:1          | 11.15              | 50.80             | R4300; R6600       |
| <b>B-7646 Diesel-resistant Heat-shrink Polyolefin Sleeve</b> |        |                  |                         |                         |              |                    |                   |                    |
| SA-3DR-125-1-YL                                              | Yellow | 2500             | 1.20                    | 3.20                    | 3:1          | 6.00               | 25.40             | R6600              |
| SA-3DR-125-2-YL                                              | Yellow | 2500             | 1.20                    | 3.20                    | 3:1          | 6.00               | 50.80             | R6600              |
| SA-3DR-187-1-YL                                              | Yellow | 2500             | 1.50                    | 4.80                    | 3:1          | 8.50               | 25.40             | R6600              |
| SA-3DR-187-2-YL                                              | Yellow | 2500             | 1.50                    | 4.80                    | 3:1          | 8.50               | 50.80             | R6600              |
| SA-3DR-250-1-YL                                              | Yellow | 2500             | 1.80                    | 6.40                    | 3:1          | 11.15              | 25.40             | R6600              |
| SA-3DR-250-2-YL                                              | Yellow | 2500             | 1.80                    | 6.40                    | 3:1          | 11.15              | 50.80             | R6600              |

Brady sleeves have been designed to work seamlessly with the BSP45.

## Mandrels and Dies

| Order Reference   | Description                                    |
|-------------------|------------------------------------------------|
| DIE-094-1-BSP45   | BSP45 Die set for 25mm wide .094-size sleeves  |
| DIE-125-1-BSP45   | BSP45 Die set for 25mm wide .125-size sleeves  |
| DIE-125-2-BSP45   | BSP45 Die set for 50 mm wide .125-size sleeves |
| DIE-187-1-BSP45   | BSP45 Die set for 25mm wide .187-size sleeves  |
| DIE-187-2-BSP45   | BSP45 Die set for 50mm wide .187-size sleeves  |
| DIE-250-1-BSP45   | BSP45 Die set for 25mm wide .250-size sleeves  |
| DIE-250-2-BSP45   | BSP45 Die set for 50mm wide .250-size sleeves  |
| DIE-375-1-BSP45   | BSP45 Die set for 25mm wide .375-size sleeves  |
| DIE-375-2-BSP45   | BSP45 Die set for 50mm wide .375-size sleeves  |
| MANDREL-094-BSP45 | BSP45 Mandrel for .094-size sleeves            |
| MANDREL-125-BSP45 | BSP45 Mandrel for .125-size sleeves            |
| MANDREL-187-BSP45 | BSP45 Mandrel for .187-size sleeves            |
| MANDREL-250-BSP45 | BSP45 Mandrel for .250-size sleeves            |
| MANDREL-375-BSP45 | BSP45 Mandrel for .375-size sleeves            |

## BSP™45 Automated Sleeve Applicator

| Order Reference | Description                                              |
|-----------------|----------------------------------------------------------|
| BSP45-B7646-EU  | BSP45 Automated Sleeve Applicator for Dieselsleeves - EU |
| BSP45-B7646-US  | BSP45 Automated Sleeve Applicator for Dieselsleeves - US |
| BSP45-EU        | BSP45 Automated Sleeve Applicator - EU                   |
| BSP45-US        | BSP45 Automated Sleeve Applicator - US                   |

This Applicator comes in a cardboard box holding a user manual, a power cord, a foot pedal and one set of dies and one mandrel for your choice of sleeve size.





# Brady Technical Services



## How Can We Assist?

**Service Contracts**

**Printer Repairs**

**Technical Queries**

**Hardware & Software  
Installation/Training**



### Brady Solution Centre



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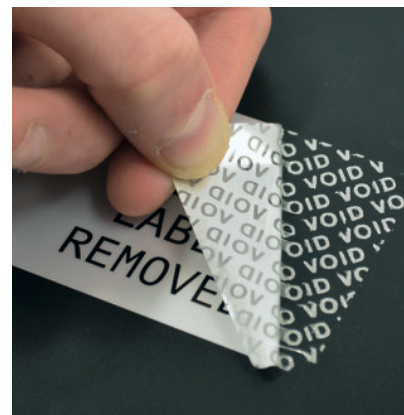
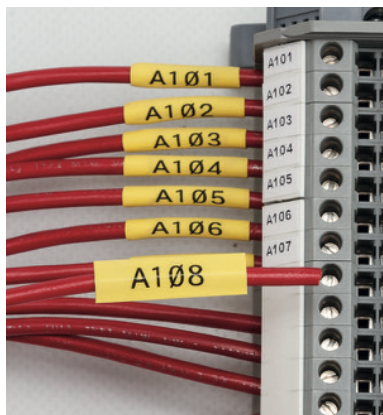
tseurope@bradycorp.com



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[www.bradyeurope.com/techsupport](http://www.bradyeurope.com/techsupport)





## Brady Benchtop Thermal Transfer Materials

Brady's industrial materials are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface, including machinery, floors, walls, racks and more.

### Benchtop Thermal Transfer Materials

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| General Identification and Asset Tracking Materials ..... | 148 |
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### Benchtop Thermal Transfer Print Ribbons

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# General Identification and Asset Tracking Materials



## GENERAL IDENTIFICATION AND ASSET TRACKING MATERIALS

### Designed to stick and stay stuck.

Brady's industrial materials are designed and produced to meet the exacting needs and requirements of harsh industrial environments. They are made of durable, heavy duty material and aggressive adhesive that's proven to stick to almost any industrial environment surface, including machinery, floors, walls, racks and more.

Brady's industrial materials are made to stick and stay stuck.



**How to read an order reference: example THT-5-423-10**

|                  |   |           |   |                   |   |                   |
|------------------|---|-----------|---|-------------------|---|-------------------|
| <b>THT</b>       | - | <b>5</b>  | - | <b>423</b>        | - | <b>10</b>         |
| Technology:      |   | Label     |   | Brady material    |   | Quantity:         |
| Thermal Transfer |   | size code |   | number (B-number) |   | Multiply by 1,000 |

## Printer Compatibility

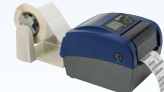
All general identification parts shown on the following pages are compatible with the following printers unless otherwise stated.



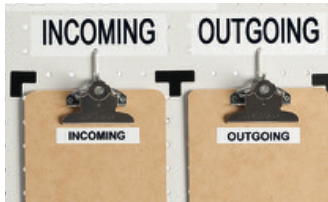
**BradyPrinter i7100 (and BradyPrinter PR Plus)**  
see page 132



**Brady IP Printer**  
see page 130



**BBP12 Label Printer**  
see page 104  
76.20 mm Core Label Rolls are compatible when used with the unwinder.



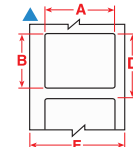
## B-408 PAPER MATERIAL

Colour: White

Finish: Matt

General purpose paper material for thermal transfer printing. White with matt finish and removable adhesive. Can be repositioned or removed.

Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-17-408-3    | Repositionable Paper | White  | 50.80              | 25.40               | 28.58                  | 55.88            | 1              | 3000               | R7942/R6100   |
| ▲       | THT-18-408-3    | Repositionable Paper | White  | 76.20              | 25.40               | 28.58                  | 81.28            | 1              | 3000               | R7942/R6100   |
| ▲       | THT-19-408-1    | Repositionable Paper | White  | 76.20              | 50.80               | 53.98                  | 81.28            | 1              | 1000               | R7942/R6100   |
| ▲       | THT-20-408-1    | Repositionable Paper | White  | 76.20              | 127.00              | 130.18                 | 81.28            | 1              | 1000               | R7942/R6100   |
| ▲       | THT-55-408-1    | Repositionable Paper | White  | 101.60             | 50.80               | 53.98                  | 106.68           | 1              | 1000               | R7942/R6100   |
| ▲       | THT-25-408-1    | Repositionable Paper | White  | 101.60             | 152.40              | 155.58                 | 106.68           | 1              | 1000               | R7942/R6100   |
| ▲       | THT-78-408-1    | Repositionable Paper | White  | 101.60             | 165.10              | 168.28                 | 106.68           | 1              | 1000               | R7942/R6100   |



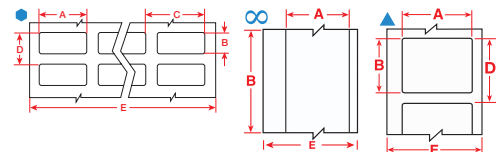
## B-413 POLYESTER MATERIAL

Colour: Silver

Finish: Satin

Thermal transfer printable polyester material with metallic looking finish (non-metallised). Ideal for barcoded asset tracking and rating plate applications.

Performance Attributes



| Diagram | Order Reference | Material                      | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-413-10   | Metallic, Non-metal Polyester | Silver | 12.70              | 11.10               | —                  | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ●       | THT-1-413-10    | Metallic, Non-metal Polyester | Silver | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ●       | THT-3-413-10    | Metallic, Non-metal Polyester | Silver | 25.40              | 9.53                | —                  | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-5-413-10    | Metallic, Non-metal Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-37-413-10   | Metallic, Non-metal Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-6-413-10    | Metallic, Non-metal Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-53-413-3    | Metallic, Non-metal Polyester | Silver | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-17-413-3    | Metallic, Non-metal Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ∞       | THT-106-413     | Metallic, Non-metal Polyester | Silver | 50.80              | —                   | 91.44 m            | —                        | —                      | 55.88            | 1              | 1                  | R6000HF       |
| ▲       | THT-7-413-3     | Metallic, Non-metal Polyester | Silver | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-413-3    | Metallic, Non-metal Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-413-1    | Metallic, Non-metal Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ∞       | THT-21-413      | Metallic, Non-metal Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000HF       |
| ▲       | THT-55-413-1    | Metallic, Non-metal Polyester | Silver | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000HF       |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



# General Identification and Asset Tracking Materials

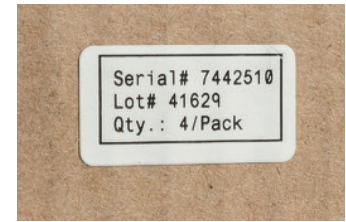
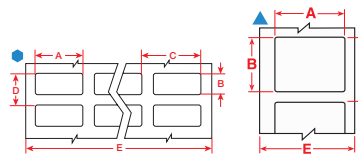


## B-422 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester with glossy finish and 0.0508 millimeter of adhesive for rough surface applications, including low surface energy plastics. Designed to withstand solvent exposure. UL rated for surfaces commonly used in solar panel manufacturing. Also used for component identification, barcoding, asset and inventory tracking.



### Performance Attributes



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-36-422-10   | Polyester | White  | 12.70              | 5.08                | 15.88                    | 7.62                   | 81.28            | 5              | 10000              | R6000HF       |
| ●       | THT-5-422-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-102-422-10  | Polyester | White  | 38.10              | 9.40                | —                        | 12.70                  | 43.18            | 1              | 10000              | R6000HF       |
| ●       | THT-147-422-10  | Polyester | White  | 38.10              | 9.53                | 41.91                    | 12.07                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-17-422-3    | Polyester | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-7-422-3     | Polyester | White  | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-422-3    | Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-422-1    | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ▲       | THT-76-422-1    | Polyester | White  | 101.60             | 76.20               | —                        | 79.37                  | 106.68           | 1              | 1000               | R6000HF       |

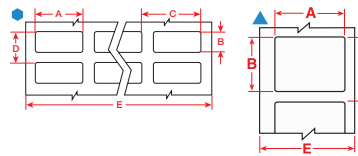


## B-423 POLYESTER MATERIAL

Colour: White/Yellow

Finish: Gloss

White polyester thermal transfer printable material with a glossy finish. Widely used for component identification, barcoding, asset and inventory tracking. UL rated for surfaces commonly used in solar panel manufacturing.



### Performance Attributes:



| Diagram | Order Reference  | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-11-423-10    | Polyester | White  | 6.35               | 6.35                | —                  | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R6000HF       |
| ●       | THT-38-423-10    | Polyester | White  | 9.53               | 9.53                | —                  | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000HF       |
| ▲       | THT-97-423-10    | Polyester | White  | 12.70              | 5.08                | —                  | —                        | 7.62                   | 17.78            | 1              | 10000              | R6000HF       |
| ●       | THT-36-423-10    | Polyester | White  | 12.70              | 5.08                | —                  | 15.88                    | 7.62                   | 81.28            | 5              | 10000              | R6000HF       |
| ●       | THT-12-423-10    | Polyester | White  | 12.70              | 11.10               | —                  | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ●       | THT-14-423-10    | Polyester | White  | 16.51              | 5.08                | —                  | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ▲       | THT-47-423-10    | Polyester | White  | 16.51              | 5.08                | —                  | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000HF       |
| ●       | THT-57-423-10    | Polyester | White  | 17.78              | 9.53                | —                  | 20.32                    | 12.07                  | 85.09            | 4              | 10000              | R6000HF       |
| ●       | THT-1-423-10     | Polyester | White  | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-46-423-10    | Polyester | White  | 19.05              | 6.35                | —                  | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000HF       |
| ●       | THT-50-423-10    | Polyester | White  | 19.05              | 19.05               | —                  | 20.32                    | 22.23                  | 85.09            | 4              | 10000              | R6000HF       |
| ●       | THT-2-423-10     | Polyester | White  | 22.86              | 6.35                | —                  | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-49-423-10    | Polyester | White  | 22.86              | 6.35                | —                  | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000HF       |
| ●       | THT-41-423-10    | Polyester | White  | 25.40              | 4.75                | —                  | 27.31                    | 7.29                   | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-42-423-10    | Polyester | White  | 25.40              | 4.75                | —                  | —                        | 6.93                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-103-423-10   | Polyester | White  | 25.40              | 6.35                | —                  | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000HF       |
| ●       | THT-51-423-10    | Polyester | White  | 25.40              | 6.35                | —                  | 27.31                    | 9.53                   | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-3-423-10     | Polyester | White  | 25.40              | 9.53                | —                  | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-59-423-10    | Polyester | White  | 25.40              | 12.70               | —                  | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000HF       |
| ●       | THT-5-423-10     | Polyester | White  | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-5-423-10-YL  | Polyester | Yellow | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-31-423-10    | Polyester | White  | 27.94              | 9.65                | —                  | 30.48                    | 12.70                  | 63.50            | 2              | 10000              | R6000HF       |
| ●       | THT-13-423-10    | Polyester | White  | 31.75              | 6.35                | —                  | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R6000HF       |
| ▲       | THT-43-423-10    | Polyester | White  | 31.75              | 6.35                | —                  | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000HF       |
| ●       | THT-29-423-10    | Polyester | White  | 31.75              | 9.53                | —                  | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R6000HF       |
| ●       | THT-40-423-10    | Polyester | White  | 34.93              | 6.35                | —                  | 37.47                    | 9.53                   | 77.47            | 2              | 10000              | R6000HF       |
| ▲       | THT-44-423-10    | Polyester | White  | 34.93              | 6.35                | —                  | —                        | 8.89                   | 40.64            | 1              | 10000              | R6000HF       |
| ●       | THT-28-423-10    | Polyester | White  | 38.10              | 3.18                | —                  | 41.91                    | 6.35                   | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-4-423-10     | Polyester | White  | 38.10              | 6.35                | —                  | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-45-423-10    | Polyester | White  | 38.10              | 6.35                | —                  | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000HF       |
| ●       | THT-37-423-10    | Polyester | White  | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-37-423-10-YL | Polyester | Yellow | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-6-423-10     | Polyester | White  | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-6-423-10-YL  | Polyester | Yellow | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-15-423-2.5   | Polyester | White  | 50.80              | 6.35                | —                  | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000HF       |
| ▲       | THT-48-423-10    | Polyester | White  | 50.80              | 6.35                | —                  | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000HF       |
| ▲       | THT-79-423-10    | Polyester | White  | 50.80              | 10.16               | —                  | —                        | 12.70                  | 55.88            | 1              | 10000              | R6000HF       |
| ▲       | THT-53-423-3     | Polyester | White  | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R6000HF       |

\*2 rolls of 5000 labels

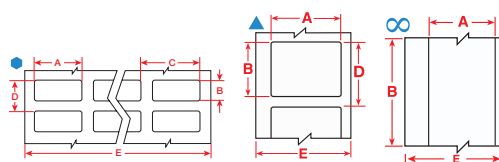
View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

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# General Identification and Asset Tracking Materials

## B-423 POLYESTER MATERIAL (CONTINUED)



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-17-423-3    | Polyester | White  | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ●       | THT-17-423-3-YL | Polyester | Yellow | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-142-423-2.5 | Polyester | White  | 63.50              | 5.08                | —                  | —                        | 7.62                   | 68.58            | 1              | 2500               | R6000HF       |
| ▲       | THT-7-423-3     | Polyester | White  | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |
| ▲       | THT-16-423-2.5  | Polyester | White  | 76.20              | 6.35                | —                  | —                        | 9.53                   | 81.28            | 1              | 2500               | R6000HF       |
| ▲       | THT-18-423-3    | Polyester | White  | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ●       | THT-18-423-3-YL | Polyester | Yellow | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-423-1    | Polyester | White  | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ●       | THT-19-423-1-YL | Polyester | Yellow | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ∞       | THT-21-423      | Polyester | White  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000HF       |
| ▲       | THT-55-423-1    | Polyester | White  | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000HF       |
| ●       | THT-55-423-1-YL | Polyester | Yellow | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000HF       |

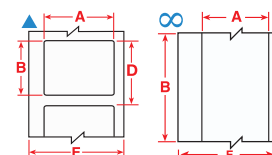


## B-424 PAPER MATERIAL

Colour: White

Finish: Matt

White paper material with matt finish and smooth top coat finish for thermal transfer printing. Good contrast and smear resistance for thermal barcode printing. Used for general purpose labelling applications.



Performance Attributes:



| Diagram | Order Reference | Material | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------|--------|--------------------|---------------------|--------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-53-424-3    | Paper    | White  | 50.80              | 12.70               | —                  | 15.24                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-17-424-3    | Paper    | White  | 50.80              | 25.40               | —                  | 28.58                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-7-424-3     | Paper    | White  | 69.85              | 31.75               | —                  | 34.93                  | 74.93            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-18-424-3    | Paper    | White  | 76.20              | 25.40               | —                  | 28.58                  | 81.28            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-19-424-1    | Paper    | White  | 76.20              | 50.80               | —                  | 53.98                  | 81.28            | 1              | 1000               | R4300, R7950  |
| ▲       | THT-20-424-1    | Paper    | White  | 76.20              | 127.00              | —                  | 130.18                 | 81.28            | 1              | 1000               | R4300, R7950  |
| ∞       | THT-21-424      | Paper    | White  | 76.20              | —                   | 91.44 m            | —                      | 81.28            | 1              | 1                  | R4300, R7950  |
| ▲       | THT-55-424-1    | Paper    | White  | 101.60             | 50.80               | —                  | 53.98                  | 106.68           | 1              | 1000               | R4300, R7950  |
| ▲       | THT-25-424-1    | Paper    | White  | 101.60             | 152.40              | —                  | 155.58                 | 106.68           | 1              | 1000               | R4300, R7950  |

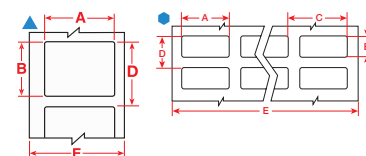


## B-425 POLYPROPYLENE MATERIAL

Colour: White

Finish: Matt

White polypropylene material stock with matt finish for thermal transfer printing or write-on applications. Excellent solvent resistance and print performance; not recommended for long-term outdoor use.



Performance Attributes:



| Diagram | Order Reference | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|---------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-30-425-10   | Polypropylene | White  | 25.40              | 9.98                | 27.31                    | 12.70                  | 85.09            | 3              | 10000              | R6400         |
| ●       | THT-5-425-10    | Polypropylene | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6400         |
| ▲       | THT-17-425-3    | Polypropylene | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R6400         |
| ▲       | THT-7-425-3     | Polypropylene | White  | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6400         |
| ▲       | THT-18-425-3    | Polypropylene | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6400         |
| ▲       | THT-19-425-1    | Polypropylene | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6400         |
| ▲       | THT-20-425-1    | Polypropylene | White  | 76.20              | 127.00              | —                        | 130.18                 | 81.28            | 1              | 1000               | R6400         |
| ▲       | THT-55-425-1    | Polypropylene | White  | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 1000               | R6400         |
| ▲       | THT-76-425-1    | Polypropylene | White  | 101.60             | 76.20               | —                        | 79.37                  | 106.68           | 1              | 1000               | R6400         |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

# General Identification and Asset Tracking Materials

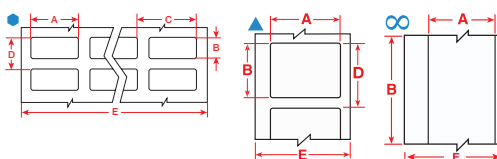


## B-428 POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Thermal transfer printable metallised polyester with matt finish. Withstands solvents and variable temperatures. Excellent for serial and rating plate applications with nameplate quality and a metallic finish.



### Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-428-10   | Metallised Polyester | Silver | 12.70              | 11.10               | —                  | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R4300, R7950  |
| ●       | THT-1-428-10    | Metallised Polyester | Silver | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300, R7950  |
| ●       | THT-3-428-10    | Metallised Polyester | Silver | 25.40              | 9.53                | —                  | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ●       | THT-5-428-10    | Metallised Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ●       | THT-37-428-10   | Metallised Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R4300, R7950  |
| ●       | THT-6-428-10    | Metallised Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R4300, R7950  |
| ▲       | THT-53-428-3    | Metallised Polyester | Silver | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-17-428-3    | Metallised Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-7-428-3     | Metallised Polyester | Silver | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-18-428-3    | Metallised Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-19-428-1    | Metallised Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300, R7950  |
| ∞       | THT-21-428      | Metallised Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300, R7950  |
| ▲       | THT-55-428-1    | Metallised Polyester | Silver | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R4300, R7950  |

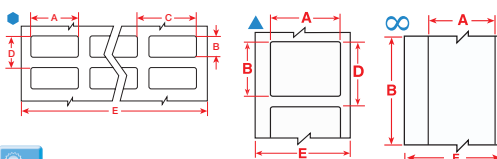


## B-430 POLYESTER MATERIAL

Colour: Clear

Finish: Gloss

Translucent, high performance polyester material with a glossy finish. Thermal transfer printable.



### Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-39-430-10   | Polyester | Clear  | 25.40              | 12.70               | —                  | 27.31                    | 15.88                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-17-430-3    | Polyester | Clear  | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-430-3    | Polyester | Clear  | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-430-1    | Polyester | Clear  | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ∞       | THT-21-430      | Polyester | Clear  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000HF       |

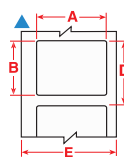


## B-432 POLYESTER MATERIAL

Colour: Clear

Finish: Gloss

Translucent, high performance polyester material with a glossy finish. Thermal transfer printable. Very similar to B-430, but has a thicker layer of acrylic adhesive for better adherence to rough surface applications.



### Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-19-432-1    | Polyester | Clear  | 76.20              | 50.80               | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

# General Identification and Asset Tracking Materials

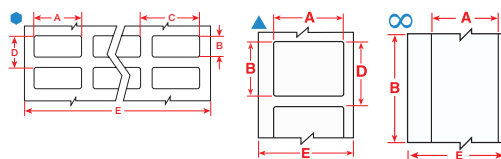


## B-434 POLYESTER MATERIAL

Colour: Silver

Finish: Gloss

Metallised polyester with a glossy finish and a thicker layer of adhesive for better adherence to rough surface applications. Withstands numerous solvents while maintaining excellent image quality.



### Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-434-10    | Metallised Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-37-434-10   | Metallised Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-6-434-10    | Metallised Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-17-434-3    | Metallised Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-434-3    | Metallised Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-434-1    | Metallised Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ∞       | THT-21-434      | Metallised Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000HF       |
| ▲       | THT-55-434-1    | Metallised Polyester | Silver | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000HF       |

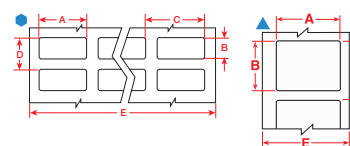


## B-435 POLYESTER MATERIAL

Colour: Silver

Finish: Gloss

Printable metallised polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with nameplate quality and a metallic looking finish.



### Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-435-10   | Metallised Polyester | Silver | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ●       | THT-1-435-10    | Metallised Polyester | Silver | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ●       | THT-5-435-10    | Metallised Polyester | Silver | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-18-435-3    | Metallised Polyester | Silver | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-435-1    | Metallised Polyester | Silver | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ▲       | THT-55-435-1    | Metallised Polyester | Silver | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000HF       |



## DID YOU KNOW? - ASSET TRACKING WITH BRADY WORKSTATION & BARCODE READERS

Brady offers a complete asset tracking solution with the addition of Brady Workstation and barcode readers.

- Design and print custom labels for product ID and tracking
- Print a wide range of labels that include barcodes, print text and graphic images.
- Data collection solutions from basic 1D/2D barcode scanners up to fully-integrated Data Matrix Verifiers

For more information on Brady Workstation and barcode readers, view pages 16-26.



# General Identification and Asset Tracking Materials



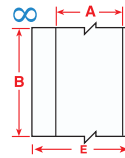
## B-439 VINYL MATERIAL

Colour: Various

Finish: Gloss

Coloured vinyl material for thermal transfer printing. Ideal for rating plates, finished product identification, and general purpose labelling.

Performance Attributes:



| Diagram                                                                                                                                                     | Order Reference | Material | Colour | Label Width A (mm) | Label Length B (m) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|--------|--------------------|--------------------|------------------|----------------|--------------------|---------------|
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwider (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                 |          |        |                    |                    |                  |                |                    |               |
| ∞                                                                                                                                                           | BPTC-63-439-OR  | Vinyl    | Orange | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-63-439-GR  | Vinyl    | Green  | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-63-439-BL  | Vinyl    | Blue   | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-63-439-YL  | Vinyl    | Yellow | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-63-439-RD  | Vinyl    | Red    | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-63-439-SL  | Vinyl    | Silver | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-63-439-BK  | Vinyl    | Black  | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R4400         |
| ∞                                                                                                                                                           | BPTC-63-439-WT  | Vinyl    | White  | 63.00              | 40.00 m            | 63.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-83-439-OR  | Vinyl    | Orange | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-83-439-GR  | Vinyl    | Green  | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-83-439-BL  | Vinyl    | Blue   | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-83-439-YL  | Vinyl    | Yellow | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-83-439-RD  | Vinyl    | Red    | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-83-439-SL  | Vinyl    | Silver | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-83-439-BK  | Vinyl    | Black  | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R4400         |
| ∞                                                                                                                                                           | BPTC-83-439-WT  | Vinyl    | White  | 83.00              | 40.00 m            | 83.00            | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-110-439-OR | Vinyl    | Orange | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-110-439-GR | Vinyl    | Green  | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-110-439-BL | Vinyl    | Blue   | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-110-439-YL | Vinyl    | Yellow | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-110-439-RD | Vinyl    | Red    | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-110-439-SL | Vinyl    | Silver | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000HF       |
| ∞                                                                                                                                                           | BPTC-110-439-BK | Vinyl    | Black  | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R4400         |
| ∞                                                                                                                                                           | BPTC-110-439-WT | Vinyl    | White  | 110.00             | 40.00 m            | 110.00           | 1              | 1                  | R6000HF       |



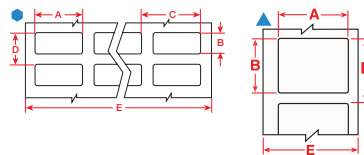
## B-449 POLYPROPYLENE MATERIAL

Colour: White

Finish: Matt

White polypropylene material stock with matt finish and removable adhesive. Used for thermal transfer printing or write-on applications. Offers excellent solvent resistance and print performance; not recommended for long-term outdoor use.

Performance Attributes:



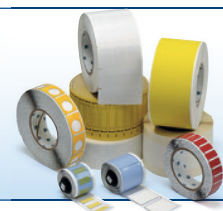
| Diagram                                                                                                                                                     | Order Reference   | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ⬢                                                                                                                                                           | THT-5-449-10      | Polypropylene | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ⬢                                                                                                                                                           | THT-13-449-10     | Polypropylene | White  | 31.75              | 6.35                | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R4300, R7950  |
| ⬢                                                                                                                                                           | THT-6-449-3       | Polypropylene | White  | 38.10              | 19.05               | 41.91                    | 22.23                  | 85.09            | 2              | 3000               | R4300, R7950  |
| ▲                                                                                                                                                           | THT-17-449-3      | Polypropylene | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲                                                                                                                                                           | THT-18-449-3      | Polypropylene | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300, R7950  |
| ▲                                                                                                                                                           | THT-19-449-1      | Polypropylene | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300, R7950  |
| ▲                                                                                                                                                           | THT-55-449-1      | Polypropylene | White  | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 1000               | R4300, R7950  |
| ▲                                                                                                                                                           | THT-76-449-1      | Polypropylene | White  | 101.60             | 76.20               | —                        | 79.37                  | 106.68           | 1              | 1000               | R4300, R7950  |
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwider (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                   |               |        |                    |                     |                          |                        |                  |                |                    |               |
| ▲                                                                                                                                                           | THT-17-449-1.5-SC | Polypropylene | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 1500               | R7950         |



## DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material? Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.



View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



# General Identification and Asset Tracking Materials



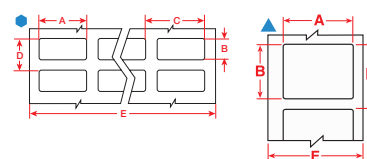
## B-459 POLYESTER MATERIAL

Colour: White

Finish: Matt

White polyester thermal transfer printable material with matt finish. Designed for applications such as topside of printed circuit boards and rating plates that utilise high quality/density alphanumeric, barcodes and graphics.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-14-459-10   | Polyester | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ●       | THT-1-459-10    | Polyester | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ●       | THT-5-459-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-19-459-1    | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |



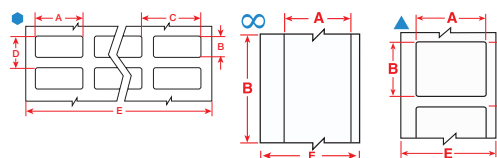
## B-480 POLYESTER MATERIAL

Colour: Silver

Finish: Satin

Thermal transfer printable polyester material with metallic-looking finish (non-metallised) and aggressive adhesive for powder coated or rough surface applications. Ideal for barcoded asset tracking and rating plate applications.

Performance Attributes



| Diagram | Order Reference | Material                      | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-1-480-10    | Metallic, Non-metal Polyester | Silver | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ●       | THT-3-480-10    | Metallic, Non-metal Polyester | Silver | 25.40              | 9.53                | —                  | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-5-480-10    | Metallic, Non-metal Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-37-480-10   | Metallic, Non-metal Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-6-480-10    | Metallic, Non-metal Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-53-480-3    | Metallic, Non-metal Polyester | Silver | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-17-480-3    | Metallic, Non-metal Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ∞       | THT-106-480     | Metallic, Non-metal Polyester | Silver | 50.80              | —                   | 91.44 m            | —                        | —                      | 55.88            | 1              | 1                  | R6000HF       |
| ▲       | THT-7-480-3     | Metallic, Non-metal Polyester | Silver | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-480-3    | Metallic, Non-metal Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-480-1    | Metallic, Non-metal Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ∞       | THT-21-480      | Metallic, Non-metal Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000HF       |
| ▲       | THT-55-480-1    | Metallic, Non-metal Polyester | Silver | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000HF       |
| ∞       | THT-107-480     | Metallic, Non-metal Polyester | Silver | 101.60             | —                   | 91.44 m            | —                        | —                      | 106.68           | 1              | 1                  | R6000HF       |



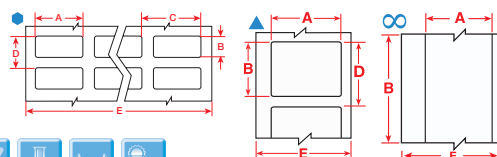
## B-483 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester thermal transfer printable material with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-483-10    | Polyester | White  | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-59-483-10   | Polyester | White  | 25.40              | 12.70               | —                  | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000HF       |
| ●       | THT-37-483-10   | Polyester | White  | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-17-483-3    | Polyester | White  | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-7-483-3     | Polyester | White  | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-483-3    | Polyester | White  | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-483-1    | Polyester | White  | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ∞       | THT-21-483      | Polyester | White  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R6000HF       |
| ▲       | THT-55-483-1    | Polyester | White  | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000HF       |
| ▲       | THT-76-483-1    | Polyester | White  | 101.60             | 76.20               | —                  | —                        | 79.37                  | 106.68           | 1              | 1000               | R6000HF       |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

# General Identification and Asset Tracking Materials

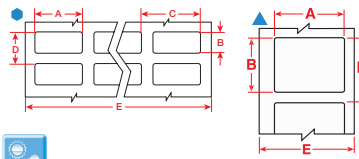


## B-484 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester thermal transfer printable material, similar to B-483, but with thinner construction for curved or angled surfaces. Offers aggressive adhesive for adhesion to textured metals and low surface energy plastics.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-484-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-17-484-3    | Polyester | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-484-3    | Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-484-1    | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |
| ▲       | THT-55-484-1    | Polyester | White  | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 1000               | R6000HF       |

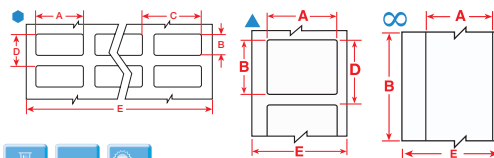


## B-486 POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Thermal transfer printable metallised polyester material. Designed for high adhesion to textured metals, powder coated surfaces and low surface energy plastics.



Performance Attributes:



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-486-10    | Metallised Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ▲       | THT-59-486-10   | Metallised Polyester | Silver | 25.40              | 12.70               | —                  | —                        | 15.24                  | 30.48            | 1              | 10000*             | R4300, R7950  |
| ●       | THT-37-486-10   | Metallised Polyester | Silver | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R4300, R7950  |
| ●       | THT-6-486-10    | Metallised Polyester | Silver | 38.10              | 19.05               | —                  | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R4300, R7950  |
| ▲       | THT-53-486-3    | Metallised Polyester | Silver | 50.80              | 12.70               | —                  | —                        | 15.24                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-17-486-3    | Metallised Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-7-486-3     | Metallised Polyester | Silver | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-18-486-3    | Metallised Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-19-486-1    | Metallised Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300, R7950  |
| ∞       | THT-21-486      | Metallised Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300, R7950  |

\*2 rolls of 5000 labels

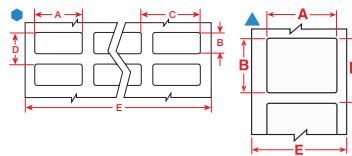


## B-488 POLYESTER MATERIAL

Colour: White

Finish: Matt

White polyester thermal transfer printable material, similar to B-423, but with matt finish. Widely used for component identification, barcoding, asset and inventory tracking.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-14-488-10   | Polyester | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R4300, R7950  |
| ●       | THT-1-488-10    | Polyester | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300, R7950  |
| ●       | THT-2-488-10    | Polyester | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R4300, R7950  |
| ●       | THT-140-488-3   | Polyester | White  | 22.86              | 19.05               | 25.40                    | 22.23                  | 53.34            | 2              | 3000               | R4300, R7950  |
| ▲       | THT-164-488-1   | Polyester | White  | 22.86              | 22.86               | —                        | 25.40                  | 27.94            | 1              | 1000               | R4300, R7950  |
| ●       | THT-141-488-3   | Polyester | White  | 22.86              | 22.86               | 25.40                    | 25.40                  | 53.34            | 2              | 3000               | R4300, R7950  |
| ●       | THT-5-488-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ▲       | THT-15-488-2.5  | Polyester | White  | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R4300, R7950  |
| ▲       | THT-17-488-3    | Polyester | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-18-488-3    | Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300, R7950  |

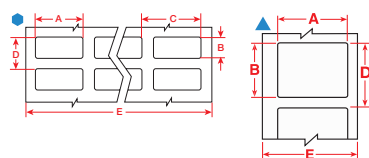
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View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

# General Identification and Asset Tracking Materials



## B-488 POLYESTER MATERIAL (CONTINUED)



| Diagram                                                                                                                                                      | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Quantity | Ribbon Series |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|----------|---------------|
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                 |           |        |                    |                     |                          |                        |                  |                |          |               |
| ●                                                                                                                                                            | BPT-616-488     | Polyester | White  | 22.86              | 19.05               | 25.86                    | 21.98                  | 80.58            | 3              | 3000     | R7950         |
| ●                                                                                                                                                            | BPT-617-488     | Polyester | White  | 22.86              | 22.86               | 25.86                    | 25.86                  | 80.58            | 3              | 3000     | R7950         |
| ▲                                                                                                                                                            | BPT-635-488     | Polyester | White  | 48.26              | 6.35                | —                        | 11.35                  | 54.26            | 1              | 2000     | R7950         |

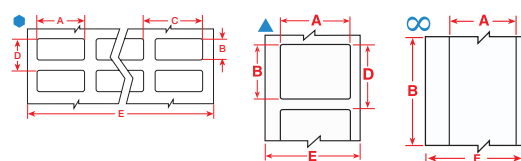


## B-489 POLYESTER MATERIAL

Colour: White

Finish: Matt

White polyester thermal transfer printable material, similar to B-483, but with matt finish. Aggressive adhesive specifically designed for powder coated surfaces.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-489-10    | Polyester | White  | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ●       | THT-37-489-10   | Polyester | White  | 38.10              | 12.70               | —                  | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R4300, R7950  |
| ▲       | THT-17-489-3    | Polyester | White  | 50.80              | 25.40               | —                  | —                        | 28.58                  | 55.88            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-7-489-3     | Polyester | White  | 69.85              | 31.75               | —                  | —                        | 34.93                  | 74.93            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-18-489-3    | Polyester | White  | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-19-489-1    | Polyester | White  | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300, R7950  |
| ∞       | THT-21-489      | Polyester | White  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300, R7950  |
| ▲       | THT-55-489-1    | Polyester | White  | 101.60             | 50.80               | —                  | —                        | 53.98                  | 106.68           | 1              | 1000               | R4300, R7950  |
| ▲       | THT-76-489-1    | Polyester | White  | 101.60             | 76.20               | —                  | —                        | 79.37                  | 106.68           | 1              | 1000               | R4300, R7950  |

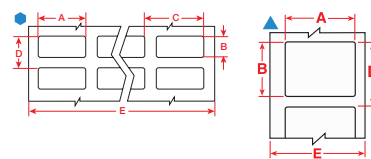


## B-533 POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester thermal transfer material with glossy finish and removable adhesive. Ideal for electronic component marking and general purpose applications that require solvent and heat resistance and that can be cleanly removed.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-533-10   | Polyester | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ▲       | THT-59-533-10   | Polyester | White  | 25.40              | 12.70               | —                        | 15.20                  | 30.48            | 1              | 10000*             | R6000HF       |
| ●       | THT-5-533-10    | Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-13-533-10   | Polyester | White  | 31.75              | 6.35                | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R6000HF       |
| ▲       | THT-17-533-3    | Polyester | White  | 50.80              | 25.40               | —                        | 28.60                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-533-3    | Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-533-1    | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



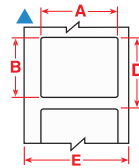
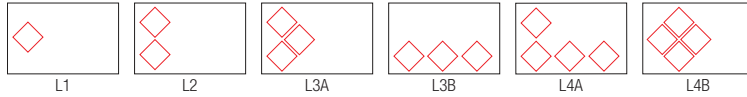
# General Identification and Asset Tracking Materials

## B-7594 POLYPROPYLENE MATERIAL

Colour: White with pre-printed Red Diamond(s)

Finish: Gloss

White polypropylene material stock with glossy finish. Used for thermal transfer printing. Offers excellent solvent resistance and print performance; not recommended for long-term outdoor use. Supplied with pre-printed red diamonds, ready for you to print the required warning, compliant to the latest regulations.



| Diagram                                                                                                                                                      | Order Reference          | Material      | Layout | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲                                                                                                                                                            | THTCLP-S-L1-7594-2       | Polypropylene | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L2-7594-2       | Polypropylene | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L3A-7594-2      | Polypropylene | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L3B-7594-2      | Polypropylene | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L4A-7594-2      | Polypropylene | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L4B-7594-2      | Polypropylene | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L1-7594-1       | Polypropylene | L1     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L2-7594-1       | Polypropylene | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L3A-7594-1      | Polypropylene | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L3B-7594-1      | Polypropylene | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L4A-7594-1      | Polypropylene | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L4B-7594-1      | Polypropylene | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L1-7594-0.5     | Polypropylene | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L2-7594-0.5     | Polypropylene | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L3A-7594-0.5    | Polypropylene | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L3B-7594-0.5    | Polypropylene | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L4A-7594-0.5    | Polypropylene | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L4B-7594-0.5    | Polypropylene | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R6000HF       |
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                          |               |        |                    |                     |                        |                  |                |                    |               |
| ▲                                                                                                                                                            | THTCLP-S-L1-7594-0.4-SC  | Polypropylene | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L2-7594-0.4-SC  | Polypropylene | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L3A-7594-0.4-SC | Polypropylene | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L3B-7594-0.4-SC | Polypropylene | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L4A-7594-0.4-SC | Polypropylene | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-S-L4B-7594-0.4-SC | Polypropylene | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L1-7594-0.3-SC  | Polypropylene | L1     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L2-7594-0.3-SC  | Polypropylene | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L3A-7594-0.3-SC | Polypropylene | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L3B-7594-0.3-SC | Polypropylene | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L4A-7594-0.3-SC | Polypropylene | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-M-L4B-7594-0.3-SC | Polypropylene | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L1-7594-0.2-SC  | Polypropylene | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L2-7594-0.2-SC  | Polypropylene | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L3A-7594-0.2-SC | Polypropylene | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L3B-7594-0.2-SC | Polypropylene | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L4A-7594-0.2-SC | Polypropylene | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |
| ▲                                                                                                                                                            | THTCLP-L-L4B-7594-0.2-SC | Polypropylene | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R6000HF       |

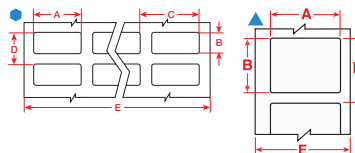


## B-7563 POLYESTER MATERIAL

Colour: Silver

Finish: Satin

Thermal transfer printable metallised polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with nameplate quality and a metallic finish.



Performance Attributes:



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|----------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | BPT-5-7563-2.5  | Metallised Polyester | Silver | 25.40              | 12.70               | 28.40                    | 15.70                  | 108.00           | 3              | 2500               | R7960         |
| ●       | BPT-6-7563-2.5  | Metallised Polyester | Silver | 38.10              | 19.05               | 50.10                    | 22.05                  | 108.00           | 2              | 2500               | R7960         |
| ▲       | BPT-17-7563-1   | Metallised Polyester | Silver | 50.80              | 25.40               | —                        | 28.54                  | 108.00           | 1              | 1000               | R7960         |
| ▲       | BPT-7-7563-1    | Metallised Polyester | Silver | 69.85              | 31.75               | —                        | 34.75                  | 108.00           | 1              | 1000               | R7960         |
| ▲       | BPT-19-7563-0.5 | Metallised Polyester | Silver | 76.00              | 50.00               | —                        | 53.00                  | 108.00           | 1              | 500                | R7960         |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



# General Identification and Asset Tracking Materials

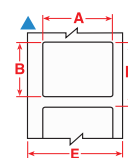


## B-7604 PAPER MATERIAL

Colour: White

Finish: Matt

White direct thermal paper material for standard performance general labelling applications.



| Diagram                                                                                                                                                      | Order Reference | Material             | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat D<br>(mm) | Web Width<br>E (mm) | Labels per<br>Row | Labels per<br>Package |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                 |                      |        |                       |                        |                           |                     |                   |                       |
| ▲                                                                                                                                                            | BPT-510-300     | Direct Thermal Paper | White  | 25.40                 | 76.20                  | 79.20                     | 29.50               | 1                 | 6000                  |
| ▲                                                                                                                                                            | BPT-999-007     | Direct Thermal Paper | White  | 30.50                 | 21.60                  | 24.60                     | 34.00               | 1                 | 18000                 |
| ▲                                                                                                                                                            | BPT-512-105     | Direct Thermal Paper | White  | 31.75                 | 25.40                  | 28.40                     | 35.00               | 1                 | 16560                 |
| ▲                                                                                                                                                            | BPT-522-075     | Direct Thermal Paper | White  | 57.15                 | 19.05                  | 22.23                     | 59.94               | 1                 | 21360                 |
| ▲                                                                                                                                                            | BPT-522-125     | Direct Thermal Paper | White  | 57.15                 | 31.75                  | 34.93                     | 59.94               | 1                 | 13620                 |
| ▲                                                                                                                                                            | BPT-522-205     | Direct Thermal Paper | White  | 57.15                 | 50.80                  | 53.98                     | 59.94               | 1                 | 8820                  |
| ▲                                                                                                                                                            | BPT-522-305     | Direct Thermal Paper | White  | 57.15                 | 76.20                  | 79.38                     | 59.94               | 1                 | 6000                  |
| ▲                                                                                                                                                            | BPT-522-405     | Direct Thermal Paper | White  | 57.15                 | 101.60                 | 104.78                    | 59.94               | 1                 | 4560                  |
| ▲                                                                                                                                                            | BPT-540-105     | Direct Thermal Paper | White  | 101.60                | 25.40                  | 28.58                     | 107.95              | 1                 | 15720                 |
| ▲                                                                                                                                                            | BPT-540-155     | Direct Thermal Paper | White  | 101.60                | 38.10                  | 41.28                     | 107.95              | 1                 | 11520                 |
| ▲                                                                                                                                                            | BPT-540-250     | Direct Thermal Paper | White  | 101.60                | 63.50                  | 66.68                     | 107.95              | 1                 | 7680                  |
| ▲                                                                                                                                                            | BPT-540-305     | Direct Thermal Paper | White  | 101.60                | 76.20                  | 79.38                     | 107.95              | 1                 | 6000                  |
| ▲                                                                                                                                                            | BPT-540-405     | Direct Thermal Paper | White  | 101.60                | 101.60                 | 104.78                    | 107.95              | 1                 | 4560                  |
| ▲                                                                                                                                                            | BPT-540-500     | Direct Thermal Paper | White  | 101.60                | 127.00                 | 130.18                    | 107.95              | 1                 | 3660                  |
| ▲                                                                                                                                                            | BPT-540-600     | Direct Thermal Paper | White  | 101.60                | 152.40                 | 155.58                    | 107.95              | 1                 | 3000                  |

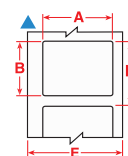


## B-7606 PAPER MATERIAL

Colour: White

Finish: Gloss

White thermal transfer printable paper for standard performance general labelling applications.



| Diagram                                                                                                                                                      | Order Reference | Material | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Vertical Repeat D<br>(mm) | Web Width<br>E (mm) | Labels per<br>Row | Labels per<br>Package | Ribbon<br>Series |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|--------|-----------------------|------------------------|---------------------------|---------------------|-------------------|-----------------------|------------------|
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                 |          |        |                       |                        |                           |                     |                   |                       |                  |
| ▲                                                                                                                                                            | BPT-722-075     | Paper    | White  | 57.15                 | 19.05                  | 22.23                     | 59.94               | 1                 | 21360                 | R7940            |
| ▲                                                                                                                                                            | BPT-222-125     | Paper    | White  | 57.15                 | 31.75                  | 34.93                     | 59.94               | 1                 | 13620                 | R7940            |
| ▲                                                                                                                                                            | BPT-222-205     | Paper    | White  | 57.15                 | 50.80                  | 53.98                     | 59.94               | 1                 | 8820                  | R7940            |
| ▲                                                                                                                                                            | BPT-222-305     | Paper    | White  | 57.15                 | 76.20                  | 79.38                     | 59.94               | 1                 | 6000                  | R7940            |
| ▲                                                                                                                                                            | BPT-222-405     | Paper    | White  | 57.15                 | 101.60                 | 104.78                    | 59.94               | 1                 | 4560                  | R7940            |
| ▲                                                                                                                                                            | BPT-740-155     | Paper    | White  | 101.60                | 38.10                  | 41.28                     | 107.95              | 1                 | 11520                 | R7940            |
| ▲                                                                                                                                                            | BPT-240-305     | Paper    | White  | 101.60                | 76.20                  | 79.38                     | 107.95              | 1                 | 6000                  | R7940            |
| ▲                                                                                                                                                            | BPT-240-405     | Paper    | White  | 101.60                | 101.60                 | 104.78                    | 107.95              | 1                 | 4560                  | R7940            |
| ▲                                                                                                                                                            | BPT-740-505     | Paper    | White  | 101.60                | 127.00                 | 130.18                    | 107.95              | 1                 | 3660                  | R7940            |
| ▲                                                                                                                                                            | BPT-240-605     | Paper    | White  | 101.60                | 152.40                 | 155.58                    | 107.95              | 1                 | 3000                  | R7940            |

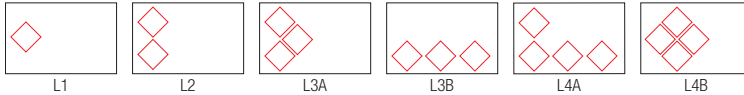
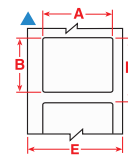


## B-7610 PAPER MATERIAL

Colour: White with pre-printed Red Diamond(s)

Finish: Matt

White thermal transfer printable paper for standard performance general labelling applications. Supplied with pre-printed red diamonds, ready for you to print the required warning, compliant to the latest regulations.



| Diagram                                                                                                                                                      | Order Reference          | Material | Layout | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲                                                                                                                                                            | THTCPL-S-L1-7610-2       | Paper    | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L2-7610-2       | Paper    | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L3A-7610-2      | Paper    | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L3B-7610-2      | Paper    | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L4A-7610-2      | Paper    | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L4B-7610-2      | Paper    | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 2000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L2-7610-1       | Paper    | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L3A-7610-1      | Paper    | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L3B-7610-1      | Paper    | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L4A-7610-1      | Paper    | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L4B-7610-1      | Paper    | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 1000               | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L1-7610-0.5     | Paper    | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L2-7610-0.5     | Paper    | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L3A-7610-0.5    | Paper    | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L3B-7610-0.5    | Paper    | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L4A-7610-0.5    | Paper    | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L4B-7610-0.5    | Paper    | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 500                | R7950         |
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                          |          |        |                    |                     |                        |                  |                |                    |               |
| ▲                                                                                                                                                            | THTCPL-S-L1-7610-0.4-SC  | Paper    | L1     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L2-7610-0.4-SC  | Paper    | L2     | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L3A-7610-0.4-SC | Paper    | L3A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L3B-7610-0.4-SC | Paper    | L3B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L4A-7610-0.4-SC | Paper    | L4A    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲                                                                                                                                                            | THTCPL-S-L4B-7610-0.4-SC | Paper    | L4B    | 55.00              | 85.00               | 91.02                  | 59.00            | 1              | 400                | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L1-7610-0.3-SC  | Paper    | L1     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L2-7610-0.3-SC  | Paper    | L2     | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L3A-7610-0.3-SC | Paper    | L3A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L3B-7610-0.3-SC | Paper    | L3B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L4A-7610-0.3-SC | Paper    | L4A    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲                                                                                                                                                            | THTCPL-M-L4B-7610-0.3-SC | Paper    | L4B    | 75.00              | 110.00              | 115.36                 | 79.00            | 1              | 300                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L1-7610-0.2-SC  | Paper    | L1     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L2-7610-0.2-SC  | Paper    | L2     | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L3A-7610-0.2-SC | Paper    | L3A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L3B-7610-0.2-SC | Paper    | L3B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L4A-7610-0.2-SC | Paper    | L4A    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |
| ▲                                                                                                                                                            | THTCPL-L-L4B-7610-0.2-SC | Paper    | L4B    | 105.00             | 155.00              | 160.12                 | 109.00           | 1              | 200                | R7950         |

# General Identification and Asset Tracking Materials



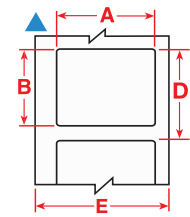
## B-8117 POLYESTER MATERIAL

Colour: Black

Finish: Matt

The black label shows excellent print durability versus abrasion and fluids and offers great barcode readability. It resists low and high temperatures, UV and humidity.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-8117-10   | Polyester | Black  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4400W, R6800 |
| ●       | THT-6-8117-10   | Polyester | Black  | 38.10              | 19.05               | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R4400W, R6800 |
| ▲       | THT-17-8117-3   | Polyester | Black  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 3000               | R4400W, R6800 |
| ▲       | THT-18-8117-3   | Polyester | Black  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R4400W, R6800 |
| ▲       | THT-19-8117-1   | Polyester | Black  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R4400W, R6800 |



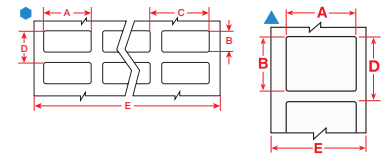
## B-8423 POLYESTER MATERIAL

Colour: White, Yellow

Finish: Satin

Polyester material with satin finish, alternative to B-423. Used for component identification, barcoding, asset and inventory tracking.

Performance Attributes:



| Diagram                                                                                                                                                      | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●                                                                                                                                                            | THT-G2-8423-YL  | Polyester | Yellow | 20.00              | 8.00                | 23.00                    | 15.00                  | 108.00           | 4              | 10000              | R6000HF       |
| ▲                                                                                                                                                            | XTHT-17-8423-5  | Polyester | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88            | 1              | 5000               | R6000HF       |
| ▲                                                                                                                                                            | XTHT-18-8423-5  | Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 5000               | R6000HF       |
| ▲                                                                                                                                                            | XTHT-19-8423-3  | Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲                                                                                                                                                            | XTHT-55-8423-3  | Polyester | White  | 101.60             | 50.80               | —                        | 53.98                  | 106.68           | 1              | 3000               | R6000HF       |
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                 |           |        |                    |                     |                          |                        |                  |                |                    |               |
| ●                                                                                                                                                            | BPT-11-8423-2.5 | Polyester | White  | 6.35               | 6.35                | 6.35                     | 9.31                   | 108.00           | 15             | 2500               | R6000HF       |
| ●                                                                                                                                                            | BPT-38-8423-2.5 | Polyester | White  | 9.53               | 9.53                | 9.53                     | 12.53                  | 108.00           | 9              | 2500               | R6000HF       |
| ●                                                                                                                                                            | BPT-12-8423-2.5 | Polyester | White  | 12.70              | 11.10               | 12.70                    | 14.13                  | 108.00           | 7              | 2500               | R6000HF       |
| ●                                                                                                                                                            | BPT-G3-8423-YL  | Polyester | Yellow | 15.00              | 9.00                | 18.00                    | 17.00                  | 108.00           | 5              | 2500               | R7961         |
| ●                                                                                                                                                            | BPT-14-8423-2.5 | Polyester | White  | 16.51              | 5.08                | 19.51                    | 8.08                   | 108.00           | 5              | 2500               | R6000HF       |
| ●                                                                                                                                                            | BPT-1-8423-2.5  | Polyester | White  | 19.05              | 6.35                | 6.35                     | 9.40                   | 108.00           | 5              | 2500               | R6000HF       |
| ●                                                                                                                                                            | BPT-G2-8423-YL  | Polyester | Yellow | 20.00              | 8.00                | 23.00                    | 15.00                  | 108.00           | 4              | 5000               | R7961         |
| ●                                                                                                                                                            | BPT-5-8423-2.5  | Polyester | White  | 25.40              | 12.70               | 28.40                    | 15.70                  | 108.00           | 3              | 2500               | R6000HF       |
| ●                                                                                                                                                            | BPT-13-8423-2.5 | Polyester | White  | 31.75              | 6.35                | 34.75                    | 9.35                   | 108.00           | 3              | 2500               | R6000HF       |
| ●                                                                                                                                                            | BPT-4-8423-2.5  | Polyester | White  | 38.10              | 6.35                | 50.10                    | 9.35                   | 108.00           | 2              | 2500               | R6000HF       |
| ●                                                                                                                                                            | BPT-6-8423-2.5  | Polyester | White  | 38.10              | 19.05               | 50.10                    | 22.05                  | 108.00           | 2              | 2500               | R6000HF       |
| ▲                                                                                                                                                            | BPT-17-8423-1   | Polyester | White  | 50.80              | 25.40               | —                        | 28.54                  | 108.00           | 1              | 1000               | R6000HF       |
| ▲                                                                                                                                                            | BPT-7-8423-1    | Polyester | White  | 69.85              | 31.75               | —                        | 34.75                  | 108.00           | 1              | 1000               | R6000HF       |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

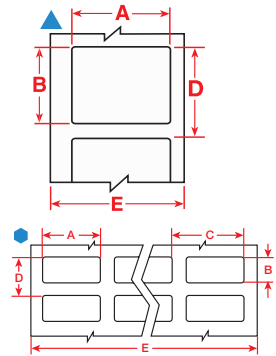


## B-8591 POLYMER MATERIAL

Colour: White, Silver,  
Yellow, Black

Finish: Gloss

The toughest outdoor identification label lasts up to 12 years outdoors without an overlaminate. It is ideal to barcode and to identify solar panels, vehicles, equipment and facilities or exposed cables. Potential applications also include identification on signposts, on vending machines, rooftop air conditioning units, doors or outside stairwells.



| Diagram | Order Reference  | Material | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat C<br>(mm) | Vertical<br>Repeat D<br>(mm) | Web Width<br>E (mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|------------------|----------|--------|-----------------------|------------------------|--------------------------------|------------------------------|---------------------|-------------------|-----------------------|------------------|
| ●       | THT-5-8591-10-WT | Polymer  | White  | 25.40                 | 12.70                  | 27.31                          | 15.24                        | 85.09               | 3                 | 10000                 | R6600            |
| ●       | THT-5-8591-10-SL | Polymer  | Silver | 25.40                 | 12.70                  | 27.31                          | 15.24                        | 85.09               | 3                 | 10000                 | R6600            |
| ●       | THT-5-8591-10-YL | Polymer  | Yellow | 25.40                 | 12.70                  | 27.31                          | 15.24                        | 85.09               | 3                 | 10000                 | R6600            |
| ●       | THT-5-8591-10-BK | Polymer  | Black  | 25.40                 | 12.70                  | 27.31                          | 15.24                        | 85.09               | 3                 | 10000                 | R4400-WT         |
| ●       | THT-6-8591-10-WT | Polymer  | White  | 38.10                 | 19.05                  | 41.91                          | 22.23                        | 85.09               | 2                 | 10000                 | R6600            |
| ●       | THT-6-8591-10-SL | Polymer  | Silver | 38.10                 | 19.05                  | 41.91                          | 22.23                        | 85.09               | 2                 | 10000                 | R6600            |
| ●       | THT-6-8591-10-YL | Polymer  | Yellow | 38.10                 | 19.05                  | 41.91                          | 22.23                        | 85.09               | 2                 | 10000                 | R6600            |
| ●       | THT-6-8591-10-BK | Polymer  | Black  | 38.10                 | 19.05                  | 41.91                          | 22.23                        | 85.09               | 2                 | 10000                 | R4400-WT         |
| ▲       | THT-17-8591-3-WT | Polymer  | White  | 50.80                 | 25.40                  | —                              | 28.58                        | 55.88               | 1                 | 3000                  | R6600            |
| ▲       | THT-17-8591-3-SL | Polymer  | Silver | 50.80                 | 25.40                  | —                              | 28.58                        | 55.88               | 1                 | 3000                  | R6600            |
| ▲       | THT-17-8591-3-YL | Polymer  | Yellow | 50.80                 | 25.40                  | —                              | 28.58                        | 55.88               | 1                 | 3000                  | R6600            |
| ▲       | THT-17-8591-3-BK | Polymer  | Black  | 50.80                 | 25.40                  | —                              | 28.58                        | 55.88               | 1                 | 3000                  | R4400-WT         |
| ▲       | THT-18-8591-3-WT | Polymer  | White  | 76.20                 | 25.40                  | —                              | 28.58                        | 81.28               | 1                 | 3000                  | R6600            |
| ▲       | THT-18-8591-3-SL | Polymer  | Silver | 76.20                 | 25.40                  | —                              | 28.58                        | 81.28               | 1                 | 3000                  | R6600            |
| ▲       | THT-18-8591-3-YL | Polymer  | Yellow | 76.20                 | 25.40                  | —                              | 28.58                        | 81.28               | 1                 | 3000                  | R6600            |
| ▲       | THT-18-8591-3-BK | Polymer  | Black  | 76.20                 | 25.40                  | —                              | 28.58                        | 81.28               | 1                 | 3000                  | R4400-WT         |
| ▲       | THT-19-8591-1-WT | Polymer  | White  | 76.20                 | 50.80                  | —                              | 53.98                        | 81.28               | 1                 | 1000                  | R6600            |
| ▲       | THT-19-8591-1-SL | Polymer  | Silver | 76.20                 | 50.80                  | —                              | 53.98                        | 81.28               | 1                 | 1000                  | R6600            |
| ▲       | THT-19-8591-1-YL | Polymer  | Yellow | 76.20                 | 50.80                  | —                              | 53.98                        | 81.28               | 1                 | 1000                  | R6600            |



# Overlaminating Materials



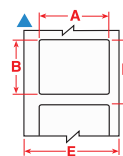
## B-103 OVERLAMINATING MATERIAL

Colour: Clear

Finish: Gloss

Clear polyester overlamining labels recommended for use with most Brady materials. Place label on top of printed materials to protect against dirt, chemicals and abrasion.

Performance Attributes



| Diagram | Order Reference | Material             | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package |
|---------|-----------------|----------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|
| ▲       | LAM-1-103       | Polyester Overlamine | Clear  | 16.51              | 5.08                | 6.70                   | 21.60            | 1              | 5000               |
| ▲       | LAM-2-103       | Polyester Overlamine | Clear  | 25.40              | 6.35                | 7.92                   | 30.50            | 1              | 5000               |
| ▲       | LAM-5-103       | Polyester Overlamine | Clear  | 25.40              | 12.70               | 14.27                  | 30.50            | 1              | 2000               |
| ▲       | LAM-3-103       | Polyester Overlamine | Clear  | 38.10              | 6.35                | 6.70                   | 43.18            | 1              | 5000               |
| ▲       | LAM-6-103       | Polyester Overlamine | Clear  | 38.10              | 19.05               | 20.62                  | 43.18            | 1              | 2000               |
| ▲       | LAM-7-103       | Polyester Overlamine | Clear  | 50.80              | 25.40               | 26.97                  | 55.88            | 1              | 2000               |

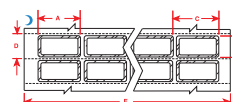


## B-423 POLYESTER MATERIAL WITH B-966B OVERLAMINATE

Colour: White

Finish: Gloss

PermaShield™ Labels: A white polyester label that comes with a separate overlaminate to be applied over the label once printed. This way the label remains clear and easy-to-read, even in harsh environments. Overlamine is a clear polyester (B-966B) that extends outside of label on each side when applied.



| Diagram | Order Reference | Material                            | Colour | Label Width A (mm) | Label Height B (mm) | Overlamine Dimensions - Width (mm) | Overlamine Dimensions - Height (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------------|--------|--------------------|---------------------|------------------------------------|-------------------------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ☺       | THT-22-423-2    | Polyester with Polyester Overlamine | White  | 31.75              | 19.05               | 38.10                              | 25.40                               | 41.91                    | 28.58                  | 85.09            | 2              | 2000               | R6000HF       |
| ☺       | THT-23-423-2    | Polyester with Polyester Overlamine | White  | 50.80              | 25.40               | 57.15                              | 31.75                               | —                        | 34.93                  | 62.23            | 1              | 2000               | R6000HF       |
| ☺       | THT-24-423-1    | Polyester with Polyester Overlamine | White  | 69.85              | 44.45               | 76.20                              | 50.80                               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |

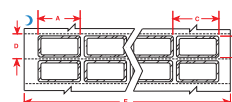


## B-428 POLYESTER MATERIAL WITH B-966B OVERLAMINATE

Colour: Silver

Finish: Gloss

PermaShield™ Labels: A metallised polyester label that comes with a separate overlaminate to be applied over the label once printed. This way the label remains clear and easy-to-read, even in harsh environments. Overlamine is a clear polyester (B-966B) that extends outside of label on each side when applied.



| Diagram | Order Reference | Material                                       | Colour | Label Width A (mm) | Label Height B (mm) | Overlamine Dimensions - Width (mm) | Overlamine Dimensions - Height (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------------------------------------|--------|--------------------|---------------------|------------------------------------|-------------------------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ☺       | THT-22-428-2    | Metallised Polyester with Polyester Overlamine | Silver | 31.75              | 19.05               | 38.10                              | 25.40                               | 41.91                    | 28.58                  | 85.09            | 2              | 2000               | R4300, R7950  |
| ☺       | THT-23-428-2    | Metallised Polyester with Polyester Overlamine | Silver | 50.80              | 25.40               | 57.15                              | 31.75                               | —                        | 34.93                  | 62.23            | 1              | 2000               | R4300, R7950  |
| ☺       | THT-24-428-1    | Metallised Polyester with Polyester Overlamine | Silver | 69.85              | 44.45               | 76.20                              | 50.80                               | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300, R7950  |

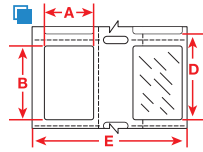
View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## B-434 POLYESTER MATERIAL WITH B-7564 OVERLAMINATE

Colour: Silver

Finish: Gloss

Metallised polyester with a thicker layer of adhesive for better adherence to rough surface applications. Comes with a separate overlaminate (B-7564). This Print & Protect construction allows extremely quick, easy and 100% accurate laminating of a transparent laminate on top of a printed label.



| Diagram | Order Reference      | Material                                       | Colour | Label Width A (mm) | Label Height B (mm) | Overlamine Dimensions - Width (mm) | Overlamine Dimensions - Height (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|----------------------|------------------------------------------------|--------|--------------------|---------------------|------------------------------------|-------------------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THTPNP-01-434/7564-2 | Metallised Polyester with Polyester Overlamine | Silver | 20.00              | 30.00               | 20.00                              | 30.00                               | 34.93                  | 63.00            | 1              | 2000               | R6000HF       |
|         | THTPNP-02-434/7564-1 | Metallised Polyester with Polyester Overlamine | Silver | 25.40              | 50.80               | 25.40                              | 50.80                               | 55.88                  | 75.60            | 1              | 1000               | R6000HF       |
|         | THTPNP-03-434/7564-1 | Metallised Polyester with Polyester Overlamine | Silver | 50.00              | 75.00               | 50.00                              | 75.00                               | 80.17                  | 114.00           | 1              | 1000               | R6000HF       |

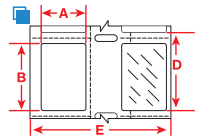
Sale of this product is prohibited in Germany.

## B-483 POLYESTER MATERIAL WITH B-7552 OVERLAMINATE

Colour: White

Finish: Gloss

White polyester with glossy finish and aggressive adhesive specifically designed for powder coated surfaces. Comes with a separate overlaminate (B-7552). This Print & Protect construction allows extremely quick, easy and 100% accurate laminating of a transparent laminate on top of a printed label.



| Diagram | Order Reference      | Material                            | Colour | Label Width A (mm) | Label Height B (mm) | Overlamine Dimensions - Width (mm) | Overlamine Dimensions - Height (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|----------------------|-------------------------------------|--------|--------------------|---------------------|------------------------------------|-------------------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THTPNP-01-483/7552-2 | Polyester with Polyester Overlamine | White  | 20.00              | 30.00               | 20.00                              | 30.00                               | 34.93                  | 63.00            | 1              | 2000               | R6000HF       |
|         | THTPNP-02-483/7552-1 | Polyester with Polyester Overlamine | White  | 25.40              | 50.80               | 25.40                              | 50.80                               | 55.88                  | 75.60            | 1              | 1000               | R6000HF       |
|         | THTPNP-03-483/7552-1 | Polyester with Polyester Overlamine | White  | 50.00              | 75.00               | 50.00                              | 75.00                               | 80.17                  | 114.00           | 1              | 1000               | R6000HF       |

Sale of this product is prohibited in Germany.

# Raised Panel / Control Panel Materials



## RAISED PANEL / CONTROL PANEL MATERIALS

### A cost-saving alternative to engraved legend plates

Brady's Raised Panel Material (EPREP) are foam-backed polyester labels with an aggressive, permanent adhesive. Thicker and more durable than a normal label, Raised Panel material is a cost-effective alternative to engraved legend plates and are ideal to identify industrial control panels, signal lights and other indoor components, as well as outdoor electrical boxes, instrument panels and more.

Using one of Brady's printers means you can create your labels in real time right in your facility - a more practical and customisable option than traditional legend plates.



**How to read an order reference: example THT-5-423-10**

|                  |   |           |   |                   |   |                   |
|------------------|---|-----------|---|-------------------|---|-------------------|
| <b>THT</b>       | - | <b>5</b>  | - | <b>423</b>        | - | <b>10</b>         |
| Technology:      |   | Label     |   | Brady material    |   | Quantity:         |
| Thermal Transfer |   | size code |   | number (B-number) |   | Multiply by 1,000 |

## Printer Compatibility

All raised panel / control panel parts shown on the following pages are compatible with the following printers unless otherwise stated.



**BradyPrinter i7100**  
see page 134



**Brady IP Printer**  
see page 132



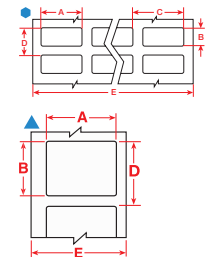
## B-7593 EPREP POLYESTER MATERIAL - RECTANGULAR

**Colour: Various**

**Finish: Gloss**

Thermal transfer printable raised panel labels. Designed to make legend plate creation quick, less expensive, and hassle free! Use for electrical components, electrical cabinets, push buttons, patch panels, and any other applications you can imagine. This material can also be used for rating and serial plates using alphanumerics that require name plate quality. Available in a variety of colours.

**Performance Attributes:**

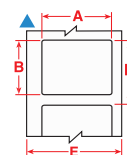


| Diagram | Order Reference  | Material                             | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|--------------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THTEP-20-7593-WT | Polyethylene Foam Laminate Polyester | White  | 8.00               | 125.00              | 11.00                    | 135.00                 | 85.00            | 7              | 2800               | R6000HF       |
| ▲       | THTEP-21-7593-WT | Polyethylene Foam Laminate Polyester | White  | 25.00              | 75.00               | —                        | 28.22                  | 81.00            | 1              | 500                | R6000HF       |
| ▲       | THTEP-21-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 25.00              | 75.00               | —                        | 28.22                  | 81.00            | 1              | 500                | R6000HF       |
| ▲       | THTEP-22-7593-WT | Polyethylene Foam Laminate Polyester | White  | 25.00              | 100.00              | —                        | 28.22                  | 106.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-22-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 25.00              | 100.00              | —                        | 28.22                  | 106.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-01-7593-WT | Polyethylene Foam Laminate Polyester | White  | 27.00              | 8.00                | —                        | 11.04                  | 37.00            | 1              | 2500               | R6000HF       |
| ▲       | THTEP-01-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 27.00              | 8.00                | —                        | 11.04                  | 37.00            | 1              | 2500               | R6000HF       |
| ▲       | THTEP-01-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 27.00              | 8.00                | —                        | 11.04                  | 37.00            | 1              | 2500               | R6000HF       |
| ▲       | THTEP-02-7593-WT | Polyethylene Foam Laminate Polyester | White  | 27.00              | 12.50               | —                        | 15.88                  | 37.00            | 1              | 2000               | R6000HF       |
| ▲       | THTEP-02-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 27.00              | 12.50               | —                        | 15.88                  | 37.00            | 1              | 2000               | R6000HF       |
| ▲       | THTEP-02-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 27.00              | 12.50               | —                        | 15.88                  | 37.00            | 1              | 2000               | R6000HF       |
| ▲       | THTEP-03-7593-WT | Polyethylene Foam Laminate Polyester | White  | 27.00              | 15.00               | —                        | 18.14                  | 37.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-03-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 27.00              | 15.00               | —                        | 18.14                  | 37.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-03-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 27.00              | 15.00               | —                        | 18.14                  | 37.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-04-7593-WT | Polyethylene Foam Laminate Polyester | White  | 27.00              | 18.00               | —                        | 21.16                  | 37.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-04-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 27.00              | 18.00               | —                        | 21.16                  | 37.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-04-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 27.00              | 18.00               | —                        | 21.16                  | 37.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-07-7593-WT | Polyethylene Foam Laminate Polyester | White  | 35.00              | 18.00               | —                        | 21.00                  | 45.00            | 1              | 1250               | R6000HF       |
| ▲       | THTEP-07-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 35.00              | 18.00               | —                        | 21.00                  | 45.00            | 1              | 1250               | R6000HF       |
| ▲       | THTEP-07-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 35.00              | 18.00               | —                        | 21.00                  | 45.00            | 1              | 1250               | R6000HF       |
| ▲       | THTEP-07-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 35.00              | 18.00               | —                        | 21.00                  | 45.00            | 1              | 1250               | R6000HF       |
| ▲       | THTEP-06-7593-WT | Polyethylene Foam Laminate Polyester | White  | 45.00              | 15.00               | —                        | 18.86                  | 55.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-06-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 45.00              | 15.00               | —                        | 18.86                  | 55.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-06-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 45.00              | 15.00               | —                        | 18.86                  | 55.00            | 1              | 1500               | R6000HF       |
| ▲       | THTEP-08-7593-WT | Polyethylene Foam Laminate Polyester | White  | 48.00              | 19.00               | —                        | 21.96                  | 58.00            | 1              | 1250               | R6000HF       |

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View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## B-7593 EPREP POLYESTER MATERIAL - RECTANGULAR (CONTINUED)



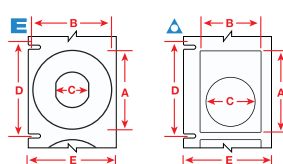
| Diagram | Order Reference  | Material                             | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|--------------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THTEP-08-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 48.00              | 19.00               | —                        | 21.96                  | 58.00            | 1              | 1250               | R6000HF       |
| ▲       | THTEP-08-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 48.00              | 19.00               | —                        | 21.96                  | 58.00            | 1              | 1250               | R6000HF       |
| ▲       | THTEP-08-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 48.00              | 19.00               | —                        | 21.96                  | 58.00            | 1              | 1250               | R6000HF       |
| ▲       | THTEP-15-7593-WT | Polyethylene Foam Laminate Polyester | White  | 60.00              | 30.00               | —                        | 32.94                  | 70.00            | 1              | 750                | R6000HF       |
| ▲       | THTEP-15-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 60.00              | 30.00               | —                        | 32.94                  | 70.00            | 1              | 750                | R6000HF       |
| ▲       | THTEP-15-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 60.00              | 30.00               | —                        | 32.94                  | 70.00            | 1              | 750                | R6000HF       |
| ▲       | THTEP-15-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 60.00              | 30.00               | —                        | 32.94                  | 70.00            | 1              | 750                | R6000HF       |
| ▲       | THTEP-18-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 60.00              | 400.00              | —                        | 412.75                 | 70.00            | 1              | 200                | R6000HF       |
| ▲       | THTEP-18-7593-WT | Polyethylene Foam Laminate Polyester | White  | 60.00              | 400.00              | —                        | 412.75                 | 70.00            | 1              | 200                | R6000HF       |
| ▲       | THTEP-09-7593-WT | Polyethylene Foam Laminate Polyester | White  | 69.00              | 19.00               | —                        | 21.96                  | 79.00            | 1              | 1200               | R6000HF       |
| ▲       | THTEP-09-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 69.00              | 19.00               | —                        | 21.96                  | 79.00            | 1              | 1200               | R6000HF       |
| ▲       | THTEP-09-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 69.00              | 19.00               | —                        | 21.96                  | 79.00            | 1              | 1200               | R6000HF       |
| ▲       | THTEP-09-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 69.00              | 19.00               | —                        | 21.96                  | 79.00            | 1              | 1200               | R6000HF       |
| ▲       | THTEP-17-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 69.00              | 150.00              | —                        | 161.92                 | 79.00            | 1              | 400                | R6000HF       |
| ▲       | THTEP-17-7593-WT | Polyethylene Foam Laminate Polyester | White  | 69.00              | 150.00              | —                        | 161.92                 | 79.00            | 1              | 400                | R6000HF       |
| ▲       | THTEP-16-7593-WT | Polyethylene Foam Laminate Polyester | White  | 90.00              | 45.00               | —                        | 47.62                  | 100.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-16-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 90.00              | 45.00               | —                        | 47.62                  | 100.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-16-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 90.00              | 45.00               | —                        | 47.62                  | 100.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-16-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 90.00              | 45.00               | —                        | 47.62                  | 100.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-11-7593-WT | Polyethylene Foam Laminate Polyester | White  | 100.00             | 30.00               | —                        | 32.94                  | 110.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-11-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 100.00             | 30.00               | —                        | 32.94                  | 110.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-11-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 100.00             | 30.00               | —                        | 32.94                  | 110.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-11-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 100.00             | 30.00               | —                        | 32.94                  | 110.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-12-7593-WT | Polyethylene Foam Laminate Polyester | White  | 100.00             | 50.00               | —                        | 52.70                  | 110.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-12-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 100.00             | 50.00               | —                        | 52.70                  | 110.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-12-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 100.00             | 50.00               | —                        | 52.70                  | 110.00           | 1              | 500                | R6000HF       |
| ▲       | THTEP-12-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 100.00             | 50.00               | —                        | 52.70                  | 110.00           | 1              | 500                | R6000HF       |

## B-7593 EPREP POLYESTER MATERIAL - PUSH BUTTON

Colour: Various

Finish: Gloss

Thermal transfer printable raised panel labels. Designed to make legend plate creation quick, less expensive, and hassle free! Use for electrical components, electrical cabinets, push buttons, patch panels, and any other applications you can imagine. This material can also be used for rating and serial plates using alphanumeric that require name plate quality. Available in a variety of colours.



Performance Attributes:



| Diagram | Order Reference  | Material                             | Colour | Label Width A (mm) | Label Height B (mm) | Hole Diameter C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|--------------------------------------|--------|--------------------|---------------------|----------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THTEP-05-7593-RD | Polyethylene Foam Laminate Polyester | Red    | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000HF       |
| ▲       | THTEP-05-7593-GR | Polyethylene Foam Laminate Polyester | Green  | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000HF       |
| ▲       | THTEP-05-7593-BK | Polyethylene Foam Laminate Polyester | Black  | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000HF       |
| ▲       | THTEP-05-7593-WT | Polyethylene Foam Laminate Polyester | White  | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000HF       |
| ▲       | THTEP-05-7593-SV | Polyethylene Foam Laminate Polyester | Silver | 30.00              | 40.00               | 24.00                | 43.39                  | 43.00            | 1              | 750                | R6000HF       |
| E       | THTEP-19-7593-YL | Polyethylene Foam Laminate Polyester | Yellow | 60.00              | 60.00               | 25.00                | 69.85                  | 73.00            | 1              | 100                | R6000HF       |
| E       | THTEP-19-7593-RD | Polyethylene Foam Laminate Polyester | Red    | 60.00              | 60.00               | 25.00                | 69.85                  | 73.00            | 1              | 100                | R6000HF       |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.





## CIRCUIT BOARD IDENTIFICATION MATERIAL

Improve processes and reduce operating costs with clearly identified circuit boards.

Brady's circuit board material, or PCB labels, are polyimide labels that can withstand the high heats and powerful chemicals used in PCB manufacturing. Brady offers PCB labels in a variety of materials, including anti-static PCB labels and labels for auto-apply applications. These high-temperature circuit board materials can improve your processes and reduce operating costs by identifying your circuit boards throughout the entire PCB manufacturing process.



**How to read an order reference: example THT-5-423-10**

|                  |          |           |          |                   |          |                   |
|------------------|----------|-----------|----------|-------------------|----------|-------------------|
| <b>THT</b>       | <b>-</b> | <b>1</b>  | <b>-</b> | <b>724</b>        | <b>-</b> | <b>10</b>         |
| Technology:      |          | Label     |          | Brady material    |          | Quantity:         |
| Thermal Transfer |          | size code |          | number (B-number) |          | Multiply by 1,000 |

## Printer Compatibility

All circuit board parts shown on the following pages are compatible with the following printers unless otherwise stated.



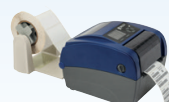
**BradyPrinter i7100**

see page 134



**Brady IP Printer**

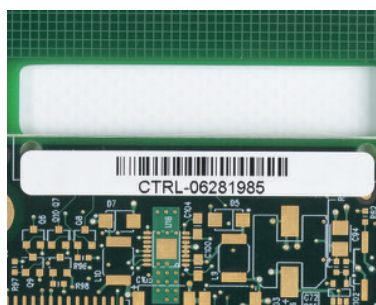
see page 132



**BBP12 Label Printer**

see page 106

76.20 mm Core Label Rolls are compatible when used with the unwinder.



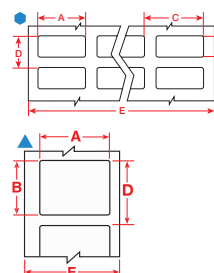
## B-473 ELECTROSTATIC DISSIPATIVE POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester with glossy finish used for printed circuit board and electronic component post-process labelling. Surface resistivity values in the recommended range for dissipative ESD packing materials.

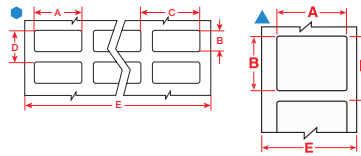
Performance Attributes:



| Diagram | Order Reference | Material                     | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-11-473-10   | Static Dissipative Polyester | White  | 6.35               | 6.35                | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R6000HF       |
| ●       | THT-70-473-20   | Static Dissipative Polyester | White  | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000HF       |
| ●       | THT-38-473-10   | Static Dissipative Polyester | White  | 9.53               | 9.53                | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000HF       |
| ●       | THT-36-473-10   | Static Dissipative Polyester | White  | 12.70              | 5.08                | 15.88                    | 7.62                   | 81.28            | 5              | 10000              | R6000HF       |
| ▲       | THT-97-473-10   | Static Dissipative Polyester | White  | 12.70              | 5.08                | —                        | 7.62                   | 17.78            | 1              | 10000              | R6000HF       |
| ●       | THT-96-473-10   | Static Dissipative Polyester | White  | 12.70              | 6.99                | 15.24                    | 9.53                   | 63.50            | 4              | 10000              | R6000HF       |
| ●       | THT-12-473-10   | Static Dissipative Polyester | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ●       | THT-99-473-10   | Static Dissipative Polyester | White  | 12.70              | 12.70               | —                        | 15.24                  | 17.78            | 1              | 10000*             | R6000HF       |
| ▲       | THT-14-473-10   | Static Dissipative Polyester | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ▲       | THT-47-473-10   | Static Dissipative Polyester | White  | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000HF       |
| ●       | THT-57-473-10   | Static Dissipative Polyester | White  | 17.78              | 9.53                | 20.32                    | 12.07                  | 85.09            | 4              | 10000              | R6000HF       |
| ●       | THT-1-473-10    | Static Dissipative Polyester | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-46-473-10   | Static Dissipative Polyester | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000HF       |
| ●       | THT-2-473-10    | Static Dissipative Polyester | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-49-473-10   | Static Dissipative Polyester | White  | 22.86              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000HF       |
| ●       | THT-3-473-10    | Static Dissipative Polyester | White  | 25.40              | 9.53                | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-58-473-10   | Static Dissipative Polyester | White  | 25.40              | 9.53                | —                        | 12.07                  | 30.48            | 1              | 10000              | R6000HF       |
| ●       | THT-5-473-10    | Static Dissipative Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-59-473-10   | Static Dissipative Polyester | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000HF       |
| ●       | THT-13-473-10   | Static Dissipative Polyester | White  | 31.75              | 6.35                | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R6000HF       |
| ▲       | THT-43-473-10   | Static Dissipative Polyester | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000HF       |
| ●       | THT-4-473-10    | Static Dissipative Polyester | White  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-45-473-10   | Static Dissipative Polyester | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000HF       |
| ▲       | THT-15-473-2.5  | Static Dissipative Polyester | White  | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000HF       |
| ▲       | THT-48-473-10   | Static Dissipative Polyester | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000HF       |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## B-473 ELECTROSTATIC DISSIPATIVE POLYESTER MATERIAL (CONTINUED)



| Diagram | Order Reference | Material                     | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat C<br>(mm) | Vertical<br>Repeat D<br>(mm) | Web<br>Width E<br>(mm) | Labels<br>per Row | Labels per<br>Package | Ribbon<br>Series |
|---------|-----------------|------------------------------|--------|-----------------------|------------------------|--------------------------------|------------------------------|------------------------|-------------------|-----------------------|------------------|
| ●       | THT-12-473-10   | Static Dissipative Polyester | White  | 12.70                 | 11.10                  | 16.81                          | 13.64                        | 85.09                  | 5                 | 10000                 | R6000HF          |
| ▲       | THT-99-473-10   | Static Dissipative Polyester | White  | 12.70                 | 12.70                  | —                              | 15.24                        | 17.78                  | 1                 | 10000*                | R6000HF          |
| ●       | THT-14-473-10   | Static Dissipative Polyester | White  | 16.51                 | 5.08                   | 17.78                          | 7.62                         | 74.93                  | 4                 | 10000                 | R6000HF          |
| ▲       | THT-47-473-10   | Static Dissipative Polyester | White  | 16.51                 | 5.08                   | —                              | 7.62                         | 21.59                  | 1                 | 10000                 | R6000HF          |
| ●       | THT-57-473-10   | Static Dissipative Polyester | White  | 17.78                 | 9.53                   | 20.32                          | 12.07                        | 85.09                  | 4                 | 10000                 | R6000HF          |
| ●       | THT-1-473-10    | Static Dissipative Polyester | White  | 19.05                 | 6.35                   | 20.32                          | 8.89                         | 85.09                  | 4                 | 10000                 | R6000HF          |
| ▲       | THT-46-473-10   | Static Dissipative Polyester | White  | 19.05                 | 6.35                   | —                              | 8.89                         | 24.13                  | 1                 | 10000                 | R6000HF          |
| ●       | THT-2-473-10    | Static Dissipative Polyester | White  | 22.86                 | 6.35                   | 28.58                          | 8.89                         | 85.09                  | 3                 | 10000                 | R6000HF          |
| ▲       | THT-49-473-10   | Static Dissipative Polyester | White  | 22.86                 | 6.35                   | —                              | 8.89                         | 27.94                  | 1                 | 10000                 | R6000HF          |
| ●       | THT-3-473-10    | Static Dissipative Polyester | White  | 25.40                 | 9.53                   | 27.31                          | 12.07                        | 85.09                  | 3                 | 10000                 | R6000HF          |
| ▲       | THT-58-473-10   | Static Dissipative Polyester | White  | 25.40                 | 9.53                   | —                              | 12.07                        | 30.48                  | 1                 | 10000                 | R6000HF          |
| ●       | THT-5-473-10    | Static Dissipative Polyester | White  | 25.40                 | 12.70                  | 27.31                          | 15.24                        | 85.09                  | 3                 | 10000                 | R6000HF          |
| ▲       | THT-59-473-10   | Static Dissipative Polyester | White  | 25.40                 | 12.70                  | —                              | 15.24                        | 30.48                  | 1                 | 10000*                | R6000HF          |
| ●       | THT-13-473-10   | Static Dissipative Polyester | White  | 31.75                 | 6.35                   | 33.02                          | 9.53                         | 69.85                  | 2                 | 10000                 | R6000HF          |
| ▲       | THT-43-473-10   | Static Dissipative Polyester | White  | 31.75                 | 6.35                   | —                              | 8.89                         | 36.83                  | 1                 | 10000                 | R6000HF          |
| ●       | THT-4-473-10    | Static Dissipative Polyester | White  | 38.10                 | 6.35                   | 41.91                          | 8.89                         | 85.09                  | 2                 | 10000                 | R6000HF          |
| ▲       | THT-45-473-10   | Static Dissipative Polyester | White  | 38.10                 | 6.35                   | —                              | 8.89                         | 43.18                  | 1                 | 10000                 | R6000HF          |
| ▲       | THT-15-473-2.5  | Static Dissipative Polyester | White  | 50.80                 | 6.35                   | —                              | 9.53                         | 55.88                  | 1                 | 2500                  | R6000HF          |
| ▲       | THT-48-473-10   | Static Dissipative Polyester | White  | 50.80                 | 6.35                   | —                              | 8.89                         | 55.88                  | 1                 | 10000                 | R6000HF          |

\*2 rolls of 5000 labels



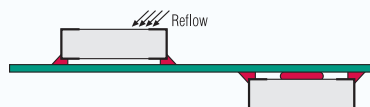
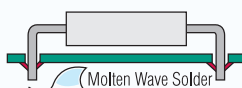
### DID YOU KNOW? - CUSTOM LABEL OFFERINGS

Don't see a label in the size, configuration or colour needed for your particular application? Brady offers custom label capability for many of the materials in this catalogue. Contact your Brady distributor for more information and to order your custom labels.



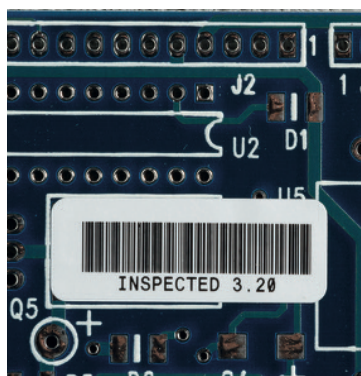


## THERMAL TRANSFER PRINTABLE PRODUCTS CIRCUIT BOARD PROCESS CHART



|                                                                                      | Through Hole Technology |        | Surface Mount Technology (SMT) | After Process |
|--------------------------------------------------------------------------------------|-------------------------|--------|--------------------------------|---------------|
|                                                                                      | Top                     | Bottom | Top or Bottom                  |               |
| B-717, B-718, B-719, B-724, B-727, B-728, B-729, B-776, B-730, B-777, B-7727, B-7634 | Yes                     | Yes    | Yes                            | Yes           |
| B-422, B-423, B-428, B-435, B-438, B-459, B-473, B-488, B-498, B-533                 | Yes*                    | No     | No                             | Yes           |

\*In extreme high temperature, testing of this material is recommended

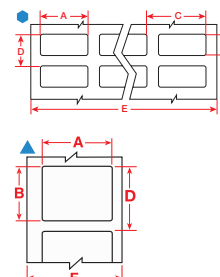


### B-717 ELECTROSTATIC DISSIPATIVE POLYIMIDE MATERIAL

Colour: White

Finish: Gloss

White polyimide material with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-70-717-20   | Polyimide | White  | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000HF       |
| ●       | THT-38-717-10   | Polyimide | White  | 9.53               | 9.53                | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000HF       |
| ▲       | THT-97-717-10   | Polyimide | White  | 12.70              | 5.08                | —                        | 7.62                   | 17.78            | 1              | 10000              | R6000HF       |
| ●       | THT-96-717-10   | Polyimide | White  | 12.70              | 6.99                | 15.24                    | 9.53                   | 63.50            | 4              | 10000              | R6000HF       |
| ●       | THT-12-717-10   | Polyimide | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ▲       | THT-99-717-10   | Polyimide | White  | 12.70              | 12.70               | —                        | 15.24                  | 17.78            | 1              | 10000*             | R6000HF       |
| ●       | THT-14-717-10   | Polyimide | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ▲       | THT-47-717-10   | Polyimide | White  | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000HF       |
| ●       | THT-1-717-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-46-717-10   | Polyimide | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000HF       |
| ▲       | THT-42-717-10   | Polyimide | White  | 25.40              | 4.75                | —                        | 6.93                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-103-717-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-59-717-10   | Polyimide | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000HF       |
| ▲       | THT-43-717-10   | Polyimide | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000HF       |
| ▲       | THT-44-717-10   | Polyimide | White  | 34.93              | 6.35                | —                        | 8.89                   | 40.64            | 1              | 10000              | R6000HF       |
| ▲       | THT-60-717-10   | Polyimide | White  | 38.10              | 3.18                | —                        | 5.72                   | 43.18            | 1              | 10000              | R6000HF       |
| ▲       | THT-45-717-10   | Polyimide | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000HF       |
| ▲       | THT-15-717-2.5  | Polyimide | White  | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000HF       |
| ▲       | THT-48-717-10   | Polyimide | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000HF       |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

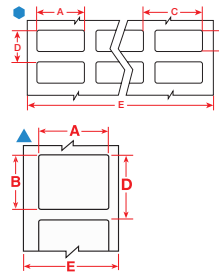


## B-718 ELECTROSTATIC DISSIPATIVE POLYIMIDE MATERIAL

Colour: White

Finish: Gloss

White polyimide material, low profile (1 mil thickness), with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.

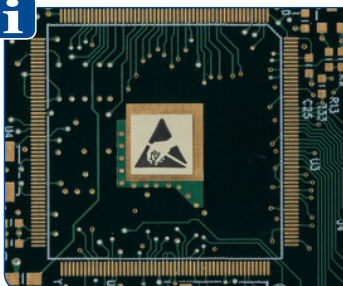


Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-70-718-20   | Polyimide | White  | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000HF       |
| ●       | THT-71-718-20   | Polyimide | White  | 8.00               | 8.00                | 9.53                     | 10.54                  | 60.71            | 6              | 20000              | R6000HF       |
| ●       | THT-38-718-10   | Polyimide | White  | 9.53               | 9.53                | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000HF       |
| ▲       | THT-97-718-10   | Polyimide | White  | 12.70              | 5.08                | —                        | 7.62                   | 17.78            | 1              | 10000              | R6000HF       |
| ●       | THT-12-718-10   | Polyimide | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ●       | THT-14-718-10   | Polyimide | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ▲       | THT-47-718-10   | Polyimide | White  | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000HF       |
| ●       | THT-1-718-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-46-718-10   | Polyimide | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000HF       |
| ●       | THT-2-718-10    | Polyimide | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-49-718-10   | Polyimide | White  | 22.86              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000HF       |
| ▲       | THT-42-718-10   | Polyimide | White  | 25.40              | 4.75                | —                        | 6.93                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-103-718-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000HF       |
| ●       | THT-3-718-10    | Polyimide | White  | 25.40              | 9.53                | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-58-718-10   | Polyimide | White  | 25.40              | 9.53                | —                        | 12.07                  | 30.48            | 1              | 10000              | R6000HF       |
| ●       | THT-5-718-10    | Polyimide | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-59-718-10   | Polyimide | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000HF       |
| ▲       | THT-43-718-10   | Polyimide | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000HF       |
| ●       | THT-29-718-10   | Polyimide | White  | 31.75              | 9.53                | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R6000HF       |
| ▲       | THT-44-718-10   | Polyimide | White  | 34.93              | 6.35                | —                        | 8.89                   | 40.00            | 1              | 10000              | R6000HF       |
| ●       | THT-4-718-10    | Polyimide | White  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-45-718-10   | Polyimide | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000HF       |
| ▲       | THT-72-718-10   | Polyimide | White  | 44.45              | 6.35                | —                        | 8.89                   | 49.53            | 1              | 10000              | R6000HF       |
| ▲       | THT-48-718-10   | Polyimide | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000HF       |

\*2 rolls of 5000 labels



## DID YOU KNOW? ELECTROSTATIC DISSIPATIVE (ESD) LABELS

The adhesive on Brady's electrostatic dissipative labels, or ESD labels, meets the requirements of ANSI/ESD S20.20-2007 and ANSI/ESD S541-2008 standards. ESD labels are designed to protect the static-sensitive components of your circuit boards.

Available in a variety of types and sizes, Brady's ESD labels can help you reduce damages from static discharge, and keep your product cost down.





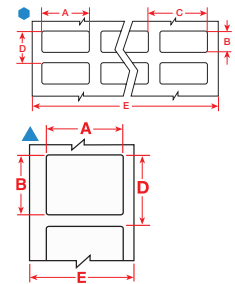
## B-719 ELECTROSTATIC DISSIPATIVE POLYIMIDE MATERIAL

Colour: White

Finish: Matt

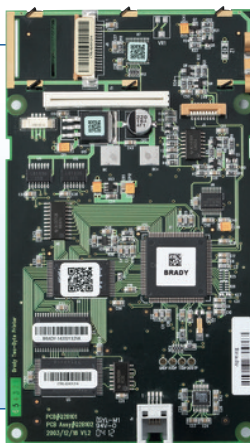
White polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-70-719-20   | Polyimide | White  | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000HF       |
| ●       | THT-71-719-20   | Polyimide | White  | 8.00               | 8.00                | 9.53                     | 10.54                  | 60.71            | 6              | 20000              | R6000HF       |
| ●       | THT-38-719-10   | Polyimide | White  | 9.53               | 9.53                | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000HF       |
| ●       | THT-12-719-10   | Polyimide | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ▲       | THT-99-719-10   | Polyimide | White  | 12.70              | 12.70               | —                        | 15.24                  | 17.78            | 1              | 10000*             | R6000HF       |
| ●       | THT-14-719-10   | Polyimide | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ▲       | THT-47-719-10   | Polyimide | White  | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000HF       |
| ●       | THT-1-719-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-46-719-10   | Polyimide | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000HF       |
| ●       | THT-2-719-10    | Polyimide | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-49-719-10   | Polyimide | White  | 22.86              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000HF       |
| ▲       | THT-42-719-10   | Polyimide | White  | 25.40              | 4.75                | —                        | 6.93                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-103-719-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000HF       |
| ●       | THT-3-719-10    | Polyimide | White  | 25.40              | 9.53                | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-58-719-10   | Polyimide | White  | 25.40              | 9.53                | —                        | 12.07                  | 30.48            | 1              | 10000              | R6000HF       |
| ●       | THT-5-719-10    | Polyimide | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-59-719-10   | Polyimide | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000HF       |
| ▲       | THT-43-719-10   | Polyimide | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000HF       |
| ●       | THT-29-719-10   | Polyimide | White  | 31.75              | 9.53                | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R6000HF       |
| ▲       | THT-60-719-10   | Polyimide | White  | 38.10              | 3.18                | —                        | 5.72                   | 43.18            | 1              | 10000              | R6000HF       |
| ▲       | THT-45-719-10   | Polyimide | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000HF       |
| ▲       | THT-48-719-10   | Polyimide | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000HF       |

\*2 rolls of 5000 labels



## DID YOU KNOW?

Brady teamed up with ZESTRON, Kyzen and market leaders in high precision cleaning process solutions, to conduct extensive chemical compatibility testing on Brady's line of polyimide labels, which are commonly used as printed circuit board (PCB) identification labels.

According to the test results, all Brady polyimide labels submitted can successfully withstand ZESTRON and Kyzen's latest cleaning chemicals – these test results are critically important to circuit board manufacturers, as they ensure that Brady polyimide labels will stay adhered and legible throughout the whole circuit board production process including in-line aqueous cleaning systems.

To view the complete test results, visit [www.bradyeurope.com](http://www.bradyeurope.com)



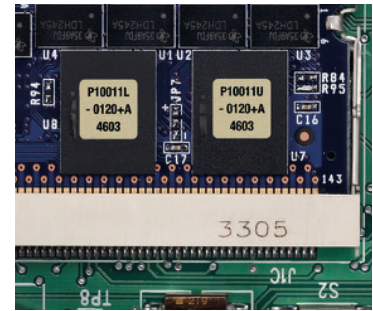
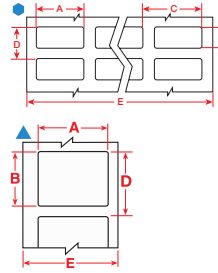
## B-724 POLYIMIDE MATERIAL

Colour: Amber

Finish: Matt

Amber polyimide material with matt finish an ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-11-724-10   | Polyimide | Amber  | 6.35               | 6.35                | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R4300, R7950  |
| ●       | THT-12-724-10   | Polyimide | Amber  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R4300, R7950  |
| ●       | THT-14-724-10   | Polyimide | Amber  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R4300, R7950  |
| ●       | THT-1-724-10    | Polyimide | Amber  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300, R7950  |
| ▲       | THT-46-724-10   | Polyimide | Amber  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R4300, R7950  |
| ●       | THT-2-724-10    | Polyimide | Amber  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R4300, R7950  |
| ●       | THT-51-724-10   | Polyimide | Amber  | 25.40              | 6.35                | 27.31                    | 9.53                   | 85.09            | 3              | 10000              | R4300, R7950  |
| ●       | THT-3-724-10    | Polyimide | Amber  | 25.40              | 9.53                | 27.31                    | 12.07                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ●       | THT-5-724-10    | Polyimide | Amber  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ●       | THT-28-724-10   | Polyimide | Amber  | 38.10              | 3.18                | 41.91                    | 6.35                   | 85.09            | 2              | 10000              | R4300, R7950  |
| ●       | THT-4-724-10    | Polyimide | Amber  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R4300, R7950  |
| ▲       | THT-45-724-10   | Polyimide | Amber  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R4300, R7950  |
| ▲       | THT-16-724-2.5  | Polyimide | Amber  | 76.20              | 6.35                | —                        | 9.53                   | 81.28            | 1              | 2500               | R4300, R7950  |



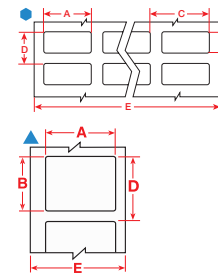
## B-727 POLYIMIDE MATERIAL

Colour: White

Finish: Gloss

White polyimide material with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-11-727-10   | Polyimide | White  | 6.35               | 6.35                | 6.35                     | 9.53                   | 81.28            | 12             | 10000              | R6000HF       |
| ●       | THT-70-727-20   | Polyimide | White  | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000HF       |
| ●       | THT-71-727-20   | Polyimide | White  | 8.00               | 8.00                | 9.53                     | 10.54                  | 60.71            | 6              | 20000              | R6000HF       |
| ●       | THT-38-727-10   | Polyimide | White  | 9.53               | 9.53                | 11.10                    | 12.07                  | 81.28            | 7              | 10000              | R6000HF       |
| ●       | THT-12-727-10   | Polyimide | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ●       | THT-14-727-10   | Polyimide | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ▲       | THT-47-727-10   | Polyimide | White  | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000HF       |
| ●       | THT-1-727-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-46-727-10   | Polyimide | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000HF       |
| ●       | THT-2-727-10    | Polyimide | White  | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-49-727-10   | Polyimide | White  | 22.86              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000HF       |
| ▲       | THT-42-727-10   | Polyimide | White  | 25.40              | 4.75                | —                        | 6.93                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-103-727-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-58-727-10   | Polyimide | White  | 25.40              | 9.53                | —                        | 12.07                  | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-59-727-10   | Polyimide | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000HF       |
| ▲       | THT-43-727-10   | Polyimide | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000HF       |
| ●       | THT-13-727-10   | Polyimide | White  | 31.75              | 6.35                | 33.02                    | 9.53                   | 69.85            | 2              | 10000              | R6000HF       |
| ▲       | THT-44-727-10   | Polyimide | White  | 34.93              | 6.35                | —                        | 8.89                   | 40.64            | 1              | 10000              | R6000HF       |
| ▲       | THT-60-727-10   | Polyimide | White  | 38.10              | 3.18                | —                        | 5.72                   | 43.18            | 1              | 10000              | R6000HF       |
| ▲       | THT-45-727-10   | Polyimide | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000HF       |
| ●       | THT-4-727-10    | Polyimide | White  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-48-727-10   | Polyimide | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000HF       |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

# Circuit Board Materials



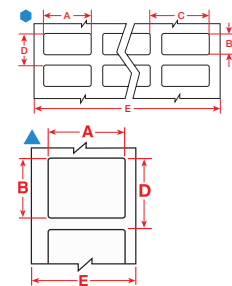
## B-728 POLYIMIDE MATERIAL

Colour: White

Finish: Matt

White polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-99-728-10   | Polyimide | White  | 12.70              | 12.70               | —                        | 15.24                  | 17.78            | 1              | 10000*             | R6000HF       |
| ●       | THT-14-728-10   | Polyimide | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ●       | THT-1-728-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-46-728-10   | Polyimide | White  | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000HF       |
| ▲       | THT-103-728-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-59-728-10   | Polyimide | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.48            | 1              | 10000*             | R6000HF       |
| ▲       | THT-43-728-10   | Polyimide | White  | 31.75              | 6.35                | —                        | 8.89                   | 36.83            | 1              | 10000              | R6000HF       |

\*2 rolls of 5000 labels



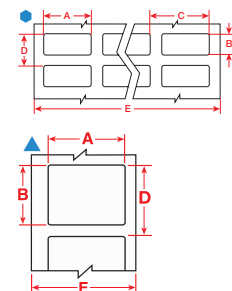
## B-729 POLYIMIDE MATERIAL

Colour: White

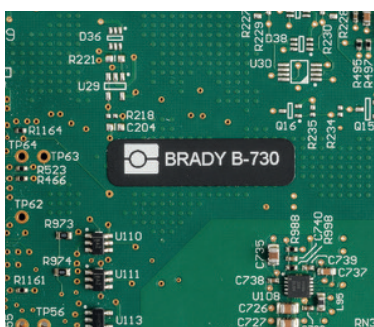
Finish: Satin

White polyimide material, low profile (1 mil thickness), with satin finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-104-729-20  | Polyimide | White  | 8.00               | 4.50                | 9.53                     | 7.92                   | 60.71            | 6              | 20000              | R6000HF       |
| ●       | THT-1-729-10    | Polyimide | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-103-729-10  | Polyimide | White  | 25.40              | 6.35                | —                        | 8.89                   | 30.48            | 1              | 10000              | R6000HF       |
| ▲       | THT-45-729-10   | Polyimide | White  | 38.10              | 6.35                | —                        | 8.89                   | 43.18            | 1              | 10000              | R6000HF       |
| ▲       | THT-48-729-10   | Polyimide | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88            | 1              | 10000              | R6000HF       |
| ▲       | THT-16-729-2.5  | Polyimide | White  | 76.20              | 6.35                | —                        | 9.53                   | 81.28            | 1              | 2500               | R6000HF       |



## B-730 POLYIMIDE MATERIAL

Colour: Black

Finish: Matt

The B-730 laser engraveable polyimide traceability label features an ultra-thin yet durable permanent adhesive that can resist high temperatures and aggressive chemicals, while avoiding adhesive bleed to reduce the risk of unplanned production stops. Specifically developed for auto-apply systems, the label is highly reliable and offers increased accuracy and pick up rate.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package |
|---------|-----------------|-----------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|
| ▲       | LAS-208-730-10  | Polyimide | Black  | 5.00               | 5.00                | 7.98                   | 25.00            | 1              | 10000              |
| ▲       | LAS-209-730-10  | Polyimide | Black  | 6.35               | 6.35                | 10.16                  | 25.00            | 1              | 10000              |
| ▲       | LAS-210-730-10  | Polyimide | Black  | 9.53               | 9.53                | 12.70                  | 25.00            | 1              | 10000*             |
| ▲       | LAS-212-730-10  | Polyimide | Black  | 19.00              | 6.35                | 10.16                  | 25.00            | 1              | 10000              |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

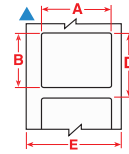
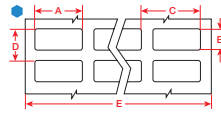


## B-776 POLYIMIDE MATERIAL

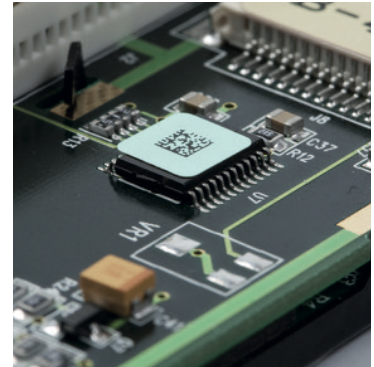
Colour: Light Green

Finish: Gloss

Light green polyimide material with glossy finish. Used in printed circuit board and electronic component pre-process labelling.



Performance Attributes:



| Diagram | Order Reference | Material  | Colour      | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|-------------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-70-776-20   | Polyimide | Light Green | 6.35               | 6.35                | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R6000HF       |
| ●       | THT-14-776-10   | Polyimide | Light Green | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ▲       | THT-47-776-10   | Polyimide | Light Green | 16.51              | 5.08                | —                        | 7.62                   | 21.59            | 1              | 10000              | R6000HF       |
| ●       | THT-1-776-10    | Polyimide | Light Green | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ▲       | THT-46-776-10   | Polyimide | Light Green | 19.05              | 6.35                | —                        | 8.89                   | 24.13            | 1              | 10000              | R6000HF       |
| ●       | THT-2-776-10    | Polyimide | Light Green | 22.86              | 6.35                | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-49-776-10   | Polyimide | Light Green | 22.86              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000HF       |
| ▲       | THT-103-776-10  | Polyimide | Light Green | 25.40              | 6.35                | —                        | 8.89                   | 27.94            | 1              | 10000              | R6000HF       |

\*2 rolls of 5000 labels



## B-777 CUSTOM EXTREME WASH RESISTANT POLYIMIDE

Colour: White

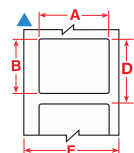
Finish: Gloss

In combination with the new R6300 ink ribbon, the new B-777 UltraTemp label performs well in harsh cleaning processes, with and without reflow. The white glossy polyimide B-777 label offers excellent resistance to fluxing and wave solder environments and performs in temperatures up to 300°C. The label is also extremely receptive to small font prints in text or barcode and is available in custom sizes.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-208-777-10  | Polyimide | White  | 5.00               | 5.00                | 7.98                   | 25.00            | 1              | 10000              | R6300         |
| ▲       | THT-209-777-10  | Polyimide | White  | 6.35               | 6.35                | 10.16                  | 25.00            | 1              | 10000              | R6300         |
| ▲       | THT-210-777-10  | Polyimide | White  | 9.53               | 9.53                | 12.70                  | 25.00            | 1              | 5000               | R6300         |
| ▲       | THT-212-777-10  | Polyimide | White  | 19.05              | 6.35                | 10.16                  | 25.00            | 1              | 10000              | R6300         |







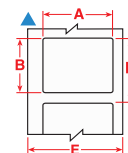
## B-7423 POLYESTER MATERIAL

Colour: White

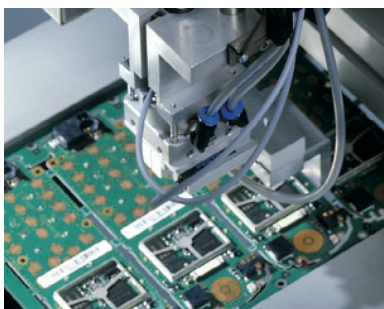
Finish: Satin

White polyester thermal transfer printable material, similar to B-8423, but specifically designed for auto apply application.

Performance Attributes:



| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
| ▲       | THT-208-7423-10 | Polyester | White  | 5.00               | 5.00                | 7.98                   | 25.00            | 1              | 10000              | R7961         |
| ▲       | THT-209-7423-10 | Polyester | White  | 6.35               | 6.35                | 10.16                  | 25.00            | 1              | 10000              | R7961         |
| ▲       | THT-210-7423-10 | Polyester | White  | 9.53               | 9.53                | 12.70                  | 25.00            | 1              | 10000              | R7961         |
| ▲       | THT-211-7423-10 | Polyester | White  | 12.70              | 12.70               | 15.88                  | 25.00            | 1              | 10000              | R7961         |
| ▲       | THT-212-7423-10 | Polyester | White  | 19.05              | 6.35                | 10.16                  | 25.00            | 1              | 10000              | R7961         |



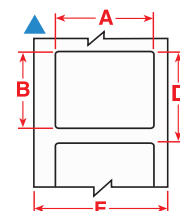
## B-7727 POLYIMIDE AUTO-APPLY LABEL

Colour: White

Finish: Gloss

This high performing and highly reliable polyimide label for auto-apply traceability applications offers great accuracy and pick up rate to improve production continuity.

Performance Attributes:



| Diagram | Order Reference  | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Roll | Ribbon Series |
|---------|------------------|-----------|--------|--------------------|---------------------|------------------------|------------------|----------------|-----------------|---------------|
| ▲       | THT-208-7727-10  | Polyimide | White  | 5.00               | 5.00                | 7.98                   | 25.00            | 1              | 10000           | R6000HF       |
| ▲       | THTCLT-01-7727-5 | Polyimide | White  | 5.00               | 5.00                | 7.99                   | 25.00            | 1              | 5000            | R6000HF       |
| ▲       | THT-209-7727-10  | Polyimide | White  | 6.35               | 6.35                | 10.16                  | 25.00            | 1              | 10000           | R6000HF       |
| ▲       | THTCLT-02-7727-5 | Polyimide | White  | 6.35               | 6.35                | 9.33                   | 25.00            | 1              | 5000            | R6000HF       |
| ▲       | THTCLT-03-7727-5 | Polyimide | White  | 7.00               | 7.00                | 10.00                  | 25.00            | 1              | 5000            | R6000HF       |
| ▲       | THT-210-7727-10  | Polyimide | White  | 9.53               | 9.53                | 12.70                  | 25.00            | 1              | 10000           | R6000HF       |
| ▲       | THTCLT-05-7727-5 | Polyimide | White  | 9.53               | 9.53                | 12.55                  | 25.00            | 1              | 5000            | R6000HF       |
| ▲       | THT-212-7727-10  | Polyimide | White  | 19.05              | 6.35                | 10.16                  | 25.00            | 1              | 10000           | R6000HF       |



## TAMPER-EVIDENCE MATERIALS

**High quality labels to protect against counterfeiting, diversion and tampering.**

Brady offers an assortment of standard and custom engineered tamper-evidence labels to meet your particular product protection needs. These tamper seals and tamper-evidence labels provide irreversible, visible evidence of tampering to protect against warranty fraud, product tampering, alteration, and misuse or asset theft.

Tamper-evidence labels can protect your product's unique model and serial number, and help reduce the chance of liability issues due to unauthorised service or misuse.



**How to read an order reference: example THT-5-423-10**

|                  |   |           |   |                   |   |                   |
|------------------|---|-----------|---|-------------------|---|-------------------|
| <b>THT</b>       | - | <b>5</b>  | - | <b>423</b>        | - | <b>10</b>         |
| Technology:      |   | Label     |   | Brady material    |   | Quantity:         |
| Thermal Transfer |   | size code |   | number (B-number) |   | Multiply by 1,000 |

## Printer Compatibility

All tamper-evidence parts shown on the following pages are compatible with the following printers unless otherwise stated.



**BradyPrinter i7100 (and BradyPrinter PR Plus)**

see page 134



**Brady IP Printer**

see page 132



**BBP12 Label Printer**

see page 106

76.20 mm Core Label Rolls are compatible when used with the unwinder.

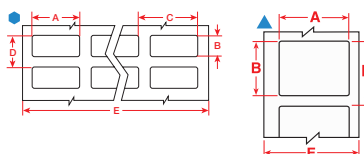


## B-362 DESTRUCTIBLE VINYL MATERIAL

Colour: Silver

Finish: Gloss

Metallised vinyl material with gloss finish. Tamper-evident material fractures to show signs of product tampering and prevent one-piece removal.



Performance Attributes:



| Order Diagram | Reference     | Material                          | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------------|---------------|-----------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●             | THT-5-362-10  | Tamper-resistant Metallised Vinyl | Silver | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲             | THT-59-362-10 | Tamper-resistant Metallised Vinyl | Silver | 25.40              | 12.70               | —                        | 15.24                  | 30.50            | 1              | 10000*             | R6000HF       |
| ●             | THT-37-362-10 | Tamper-resistant Metallised Vinyl | Silver | 38.10              | 12.70               | 41.91                    | 15.24                  | 85.09            | 2              | 10000              | R6000HF       |
| ●             | THT-6-362-10  | Tamper-resistant Metallised Vinyl | Silver | 38.10              | 19.05               | 41.91                    | 22.23                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲             | THT-53-362-3  | Tamper-resistant Metallised Vinyl | Silver | 50.80              | 12.70               | —                        | 15.24                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲             | THT-17-362-3  | Tamper-resistant Metallised Vinyl | Silver | 50.80              | 25.40               | —                        | 28.58                  | 53.98            | 1              | 3000               | R6000HF       |
| ▲             | THT-7-362-3   | Tamper-resistant Metallised Vinyl | Silver | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |
| ▲             | THT-18-362-3  | Tamper-resistant Metallised Vinyl | Silver | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲             | THT-19-362-1  | Tamper-resistant Metallised Vinyl | Silver | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |

\*2 rolls of 5000 labels



## DID YOU KNOW? - CUSTOM LABEL OFFERINGS

Don't see a label in the size, configuration or colour needed for your particular application? Brady offers custom label capability for many of the materials in this catalogue, including:

- Size
- Labels per row or roll
- Pre-printed messaging
- Logos or other images
- Colours (spot or CMYK)

Contact your Brady distributor for more information and to order your custom labels.



# Tamper-evidence Materials

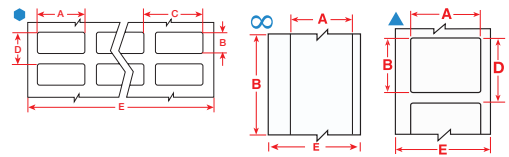


## B-438 CHECKERBOARD FOOTPRINT POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Metallised polyester material with matt finish. Leaves a checkerboard footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.



Performance Attributes:



| Diagram | Order Reference | Material                            | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-438-10   | Tamper-evident Metallised Polyester | Silver | 12.70              | 11.10               | —                  | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R4300, R7950  |
| ●       | THT-14-438-10   | Tamper-evident Metallised Polyester | Silver | 16.51              | 5.08                | —                  | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R4300, R7950  |
| ●       | THT-1-438-10    | Tamper-evident Metallised Polyester | Silver | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300, R7950  |
| ●       | THT-5-438-10    | Tamper-evident Metallised Polyester | Silver | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
| ▲       | THT-17-438-3    | Tamper-evident Metallised Polyester | Silver | 50.80              | 25.40               | —                  | —                        | 28.58                  | 53.98            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-18-438-3    | Tamper-evident Metallised Polyester | Silver | 76.20              | 25.40               | —                  | —                        | 28.58                  | 81.28            | 1              | 3000               | R4300, R7950  |
| ▲       | THT-19-438-1    | Tamper-evident Metallised Polyester | Silver | 76.20              | 50.80               | —                  | —                        | 53.98                  | 81.28            | 1              | 1000               | R4300, R7950  |
| ∞       | THT-21-438      | Tamper-evident Metallised Polyester | Silver | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300, R7950  |

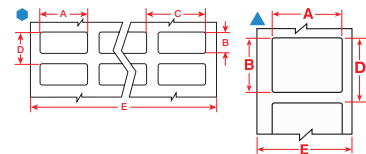


## B-7351 DESTRUCTIBLE VINYL MATERIAL

Colour: White

Finish: Satin

White vinyl material with matt finish. Tamper-resistant material fractures to show signs of product tampering and prevent one-piece removal.



Performance Attributes:



| Diagram | Order Reference | Material               | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-12-7351-10  | Tamper-resistant Vinyl | White  | 12.70              | 11.10               | 16.81                    | 13.64                  | 85.09            | 5              | 10000              | R6000HF       |
| ●       | THT-14-7351-10  | Tamper-resistant Vinyl | White  | 16.51              | 5.08                | 17.78                    | 7.62                   | 74.93            | 4              | 10000              | R6000HF       |
| ●       | THT-1-7351-10   | Tamper-resistant Vinyl | White  | 19.05              | 6.35                | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R6000HF       |
| ●       | THT-5-7351-10   | Tamper-resistant Vinyl | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-4-7351-10   | Tamper-resistant Vinyl | White  | 38.10              | 6.35                | 41.91                    | 8.89                   | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-15-7351-2.5 | Tamper-resistant Vinyl | White  | 50.80              | 6.35                | —                        | 9.53                   | 55.88            | 1              | 2500               | R6000HF       |
| ▲       | THT-17-7351-3   | Tamper-resistant Vinyl | White  | 50.80              | 25.40               | —                        | 28.58                  | 53.98            | 1              | 3000               | R6000HF       |

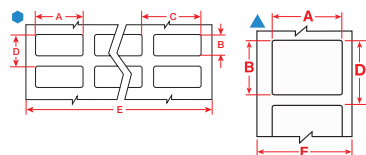


## B-7546 VOID FOOTPRINT POLYESTER MATERIAL

Colour: White

Finish: Gloss

White polyester material with glossy finish. Leaves a "VOID" footprint on the surface. The adhesive does not allow for repositioning to prevent it from being reused.



Performance Attributes:



| Diagram | Order Reference | Material                 | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|--------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-7546-10   | Tamper-evident Polyester | White  | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-59-7546-10  | Tamper-evident Polyester | White  | 25.40              | 12.70               | —                        | 15.24                  | 30.50            | 1              | 10000*             | R6000HF       |
| ●       | THT-37-7546-10  | Tamper-evident Polyester | White  | 38.10              | 12.70               | 41.90                    | 15.24                  | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-6-7546-10   | Tamper-evident Polyester | White  | 38.10              | 19.05               | 41.90                    | 22.20                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-17-7546-3   | Tamper-evident Polyester | White  | 50.80              | 25.40               | —                        | 28.60                  | 55.90            | 1              | 3000               | R6000HF       |
| ▲       | THT-7-7546-3    | Tamper-evident Polyester | White  | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-7546-3   | Tamper-evident Polyester | White  | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-7546-1   | Tamper-evident Polyester | White  | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |

\*2 rolls of 5000 labels

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



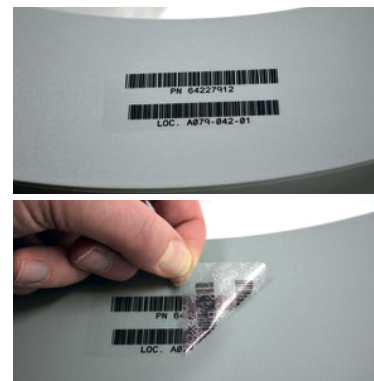
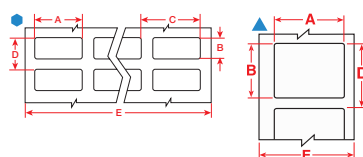
## B-7566 VOID FOOTPRINT POLYESTER MATERIAL

Colour: Clear

Finish: Gloss

Clear polyester material with glossy finish. Leaves a "VOID" footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.

Performance Attributes:



| Diagram | Order Reference | Material                 | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|--------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-39-7566-10  | Tamper-evident Polyester | Clear  | 25.40              | 12.70               | 27.31                    | 15.90                  | 85.09            | 3              | 10000              | R6000HF       |
| ●       | THT-147-7566-10 | Tamper-evident Polyester | Clear  | 38.10              | 9.53                | 41.90                    | 12.70                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-17-7566-3   | Tamper-evident Polyester | Clear  | 50.80              | 25.40               | —                        | 28.60                  | 55.90            | 1              | 3000               | R6000HF       |
| ▲       | THT-7-7566-3    | Tamper-evident Polyester | Clear  | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |



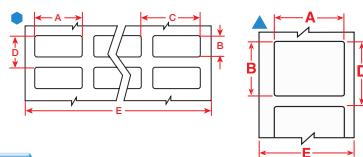
## B-7576 VOID FOOTPRINT POLYESTER MATERIAL

Colour: Silver

Finish: Matt

Metallised polyester material with matt finish. Leaves a "VOID" footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.

Performance Attributes:



| Diagram | Order Reference | Material                            | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-5-7576-10   | Tamper-evident Metallised Polyester | Silver | 25.40              | 12.70               | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R6000HF       |
| ▲       | THT-59-7576-10  | Tamper-evident Metallised Polyester | Silver | 25.40              | 12.70               | —                        | 15.24                  | 30.50            | 1              | 10000*             | R6000HF       |
| ●       | THT-37-7576-10  | Tamper-evident Metallised Polyester | Silver | 38.10              | 12.70               | 41.90                    | 41.90                  | 85.09            | 2              | 10000              | R6000HF       |
| ●       | THT-6-7576-10   | Tamper-evident Metallised Polyester | Silver | 38.10              | 19.05               | 41.90                    | 22.20                  | 85.09            | 2              | 10000              | R6000HF       |
| ▲       | THT-53-7576-3   | Tamper-evident Metallised Polyester | Silver | 50.80              | 12.70               | —                        | 15.24                  | 55.88            | 1              | 3000               | R6000HF       |
| ▲       | THT-17-7576-3   | Tamper-evident Metallised Polyester | Silver | 50.80              | 25.40               | —                        | 28.60                  | 55.90            | 1              | 3000               | R6000HF       |
| ▲       | THT-7-7576-3    | Tamper-evident Metallised Polyester | Silver | 69.85              | 31.75               | —                        | 34.93                  | 74.93            | 1              | 3000               | R6000HF       |
| ▲       | THT-18-7576-3   | Tamper-evident Metallised Polyester | Silver | 76.20              | 25.40               | —                        | 28.58                  | 81.28            | 1              | 3000               | R6000HF       |
| ▲       | THT-19-7576-1   | Tamper-evident Metallised Polyester | Silver | 76.20              | 50.80               | —                        | 53.98                  | 81.28            | 1              | 1000               | R6000HF       |

\*2 rolls of 5000 labels

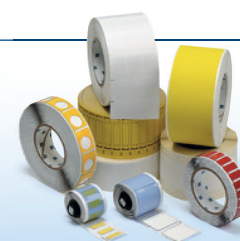


### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material? Brady offers online access to Technical Data Sheets for all Brady materials.

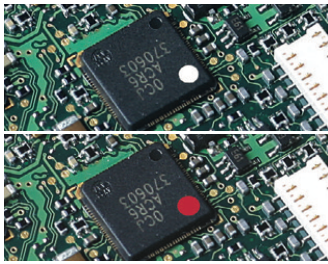
View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information.





# Temperature & Water-Indicating Materials



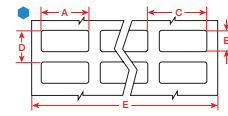
## B-350 WATER-INDICATING MATERIAL

Colour: White

Finish: Gloss

Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting.

Performance Attributes:



| Diagram | Order Reference | Material                                  | Colour | Label Width A (mm) | Label Height B (mm) | Diameter C (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-------------------------------------------|--------|--------------------|---------------------|-----------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
| ●       | THT-70-350-20   | Water-indicating Polyester/Paper Laminate | White  | 6.35               | 6.35                | —               | 8.13                     | 8.89                   | 60.20            | 7              | 20000              | R4900         |
| —       | WIL-1-350-5*    | Water-indicating Polyester/Paper Laminate | White  | —                  | —                   | 4.10            | —                        | —                      | 50.80            | —              | 5000               | —             |
| —       | WIL-1-350-20*   | Water-indicating Polyester/Paper Laminate | White  | —                  | —                   | 4.10            | —                        | —                      | 50.80            | —              | 20000              | —             |

\*These labels are not printable



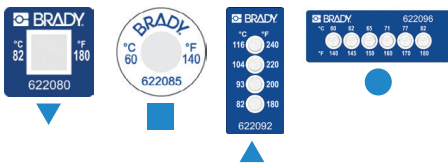
## B-7511 TEMPERATURE-INDICATING MATERIAL

Colour: White on Blue,  
Blue on White

Finish: Gloss

Irreversible, temperature-indicating polyester provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained. Temperature range covered is 37°C to 143°C.

Performance Attributes:



| Diagram | Art. No.           | Legend                    | Colour        | Width (mm) | Height (mm) | Diameter (mm) | Labels/Card | Cards/Pack | Labels/Pack |
|---------|--------------------|---------------------------|---------------|------------|-------------|---------------|-------------|------------|-------------|
| ▼       | TIL-1-82C/180F     | 82°C/180°F                | White on Blue | 20.00      | 20.00       | —             | 10          | 6          | 60          |
| ■       | TIL-1-60C/140F-DIA | 60°C/140°F                | Blue on White | —          | —           | 13.00         | 15          | 4          | 60          |
| ■       | TIL-1-71C/160F-DIA | 71°C/160°F                | Blue on White | —          | —           | 13.00         | 15          | 4          | 60          |
| ■       | TIL-1-82C/180F-DIA | 82°C/180°F                | Blue on White | —          | —           | 13.00         | 15          | 4          | 60          |
| ▲       | TIL-4-82C/180F     | 82°C/180°F - 116°C/240°F  | White on Blue | 20.00      | 45.00       | —             | 5           | 6          | 30          |
| ●       | TIL-6-37C/100F     | 37°C/100°F - 54°C/130°F   | White on Blue | 56.00      | 20.00       | —             | 5           | 6          | 30          |
| ●       | TIL-6-60C/140F     | 60°C/140°F - 82°C/180°F   | White on Blue | 56.00      | 20.00       | —             | 5           | 6          | 30          |
| ●       | TIL-6-88C/190F     | 88°C/190°F - 110°C/230°F  | White on Blue | 56.00      | 20.00       | —             | 5           | 6          | 30          |
| ●       | TIL-6-116C/240F    | 116°C/240°F - 143°C/290°F | White on Blue | 56.00      | 20.00       | —             | 5           | 6          | 30          |



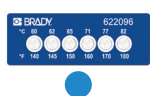
## B-7512 TEMPERATURE-INDICATING MATERIAL

Colour: White on Blue

Finish: Gloss

Irreversible, temperature-indicating polyethylene provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained. Available temperature ranges : 149°C - 177°C and 182°C - 210°C.

Performance Attributes:



| Diagram | Art. No.        | Legend                    | Colour        | Width (mm) | Height (mm) | Labels/Card | Cards/Pack | Labels/Pack |
|---------|-----------------|---------------------------|---------------|------------|-------------|-------------|------------|-------------|
| ●       | TIL-6-149C/300F | 149°C/300°F - 177°C/350°F | White on Blue | 56.00      | 20.00       | 5           | 6          | 30          |
| ●       | TIL-6-182C/360F | 180°C/360°F - 210°C/410°F | White on Blue | 56.00      | 20.00       | 5           | 6          | 30          |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



The Reversible Temperature Indicating Labels continue to change colour to communicate the current temperature of components or product processes, even during power loss. They can quickly show when temperatures are not right to start a next phase of product testing, maintenance, food processing or medical processes.

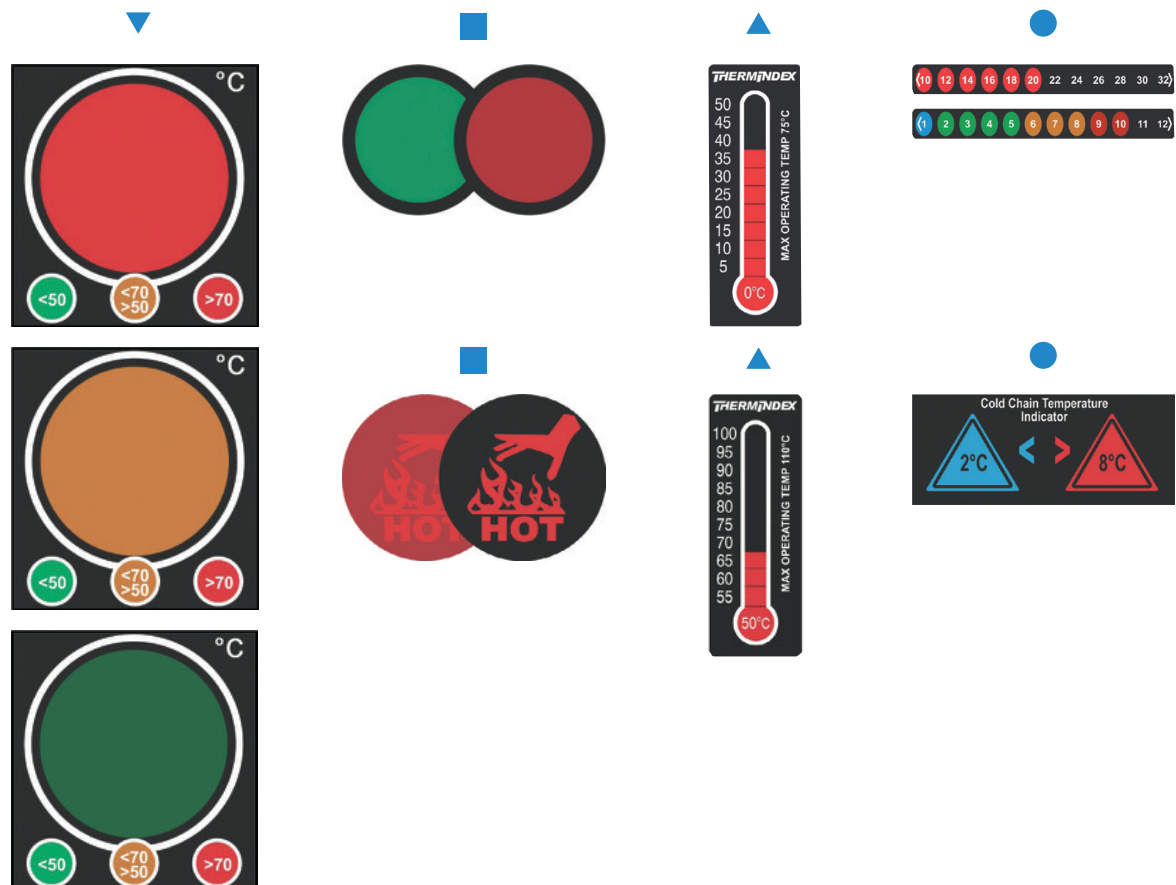
- Change colour at designated temperatures
- Temperature ranges between 0°C and 100°C
- Highly customisable

### Performance Attributes:



| Diagram                                                                           | Art. No.       | Legend                             | Colour                                 | Width (mm) | Height (mm) | Diameter (mm) | Labels/ Card | Cards/ Pack | Labels/ Pack |
|-----------------------------------------------------------------------------------|----------------|------------------------------------|----------------------------------------|------------|-------------|---------------|--------------|-------------|--------------|
|  | TIL-7-0C-50C   | 11-LEVEL THERMOMETER 0-50°C        | Red & Black                            | 18.00      | 51.00       | —             | 10           | 1           | 10           |
|  | TIL-7-50C-100C | 11-LEVEL THERMOMETER 50-100°C      | Red & Black                            | 18.00      | 51.00       | —             | 10           | 1           | 10           |
|  | TIL-8-10C-32C  | 12-LEVEL ROOM THERMOMETER 10-32°C  | Red & Black                            | 90.00      | 10.00       | —             | 10           | 1           | 10           |
|  | TIL-8-1C-12C   | 12-LEVEL FRIDGE THERMOMETER 1-12°C | Blue, Black, Green, Yellow, Red, White | 90.00      | 10.00       | —             | 10           | 1           | 10           |
|  | TIL-9-2C-8C    | COLD CHAIN INDICATOR 2-8°C         | Black & Red on Blue                    | 96.00      | 40.00       | —             | 10           | 1           | 10           |
|  | TIL-10-50C-70C | TRAFFIC LIGHT INDICATOR 50-70°C    |                                        | 48.00      | 52.00       | —             | 10           | 1           | 10           |
|  | TIL-11-43C-DIA | GO/NO GO INDICATOR 43°C            | Green & Red                            | —          | —           | 24.00         | 10           | 1           | 10           |
|  | TIL-12-50C-DIA | HAND HOT INDICATOR 50°C            | Red & Black                            | —          | —           | 37.00         | 10           | 1           | 10           |

### Label Types Legend Keys





## WIRE & CABLE AND VOICE & DATACOM IDENTIFICATION MATERIALS

**Identify critical components and mark wires and cables for quick identification in your facility or data centre.**

Brady offers a wide range of identification solutions for marking wires and cables including wire labels, heat-shrinkable sleeves, tags, and more.

Brady's wire and cable identification products are lab and field tested. They are proven to withstand harsh environments including extreme temperatures, liquids, chemical exposure, abrasion and more.

The Wire and Cable markers are extremely durable featuring an ultra resistant top coat formulation and ultra aggressive adhesive.

Brady also offers a wide range of materials to fit voice, data, and video applications. Together with Brady's portable and benchtop printers and label design software, these labels provide identification solutions for cables, closest hardware, racks, panels, workstations and more.

Wire and cable marking solutions are available in a variety of sizes and colours to ensure that your wires and cables are marked with clear, legible identification. With thermal transfer printing systems, label design software and a full line of wire and cable identification, Brady offers the complete solution to meet your needs.

## Printer Compatibility

All wire & cable identification parts shown on the following pages are compatible with the following printers unless otherwise stated.



**BradyPrinter i7100 (and BradyPrinter PR Plus)**  
see page 134



**Brady IP Printer**  
see page 132

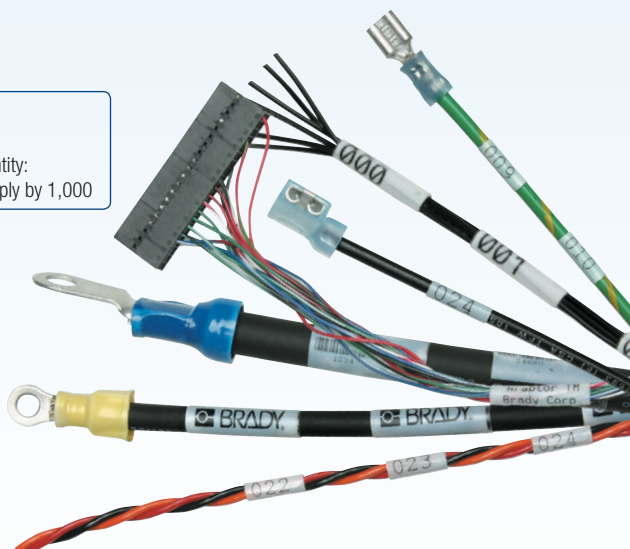


**BBP12 Label Printer**  
see page 106  
76.20 mm Core Label Rolls are compatible when used with the unwinder.



**How to read an order reference: example THT-5-423-10**

|                  |          |           |          |                   |          |                   |
|------------------|----------|-----------|----------|-------------------|----------|-------------------|
| <b>THT</b>       | <b>-</b> | <b>5</b>  | <b>-</b> | <b>423</b>        | <b>-</b> | <b>10</b>         |
| Technology:      |          | Label     |          | Brady material    |          | Quantity:         |
| Thermal Transfer |          | size code |          | number (B-number) |          | Multiply by 1,000 |

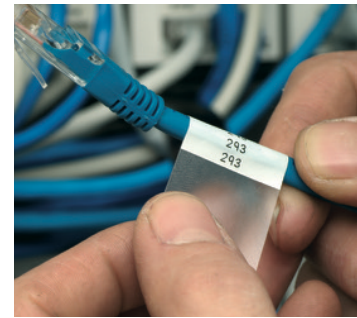
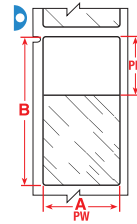


## B-427 SELF-LAMINATING VINYL MATERIAL

Colour: White/Transparent, Finish: Matt  
Yellow/Transparent

Thermal transfer printable, self-laminating material. These labels have a white printable area with a clear "tail" that wraps around the marker. The "tail" serves as overlamine to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

Performance Attributes:



| Diagram                                                      | Order Reference  | Material              | Colour             | Label Width A (mm) | Label Height B (mm) | Printable Area Height PH (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width (mm) | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Package | Ribbon Series |
|--------------------------------------------------------------|------------------|-----------------------|--------------------|--------------------|---------------------|-------------------------------|--------------------------|------------------------|----------------|-------------------------|-------------------------|----------------|--------------------|---------------|
|                                                              | THT-80-427-5     | Self-laminating Vinyl | White/Transparent  | 12.70              | 19.05               | 9.53                          | 15.24                    | 24.13                  | 63.50          | 2.00                    | 3.00                    | 4              | 5000               | R4300, R7950  |
|                                                              | THT-61-427-5*    | Self-laminating Vinyl | White/Transparent  | 12.70              | 36.50               | 12.70                         | —                        | 17.45                  | 41.58          | 3.90                    | 7.60                    | 1              | 5000               | R4300, R7950  |
|                                                              | THT-8-427-10     | Self-laminating Vinyl | White/Transparent  | 12.70              | 36.50               | 12.70                         | 16.81                    | 41.28                  | 85.09          | 3.90                    | 7.60                    | 5              | 10000              | R4300, R7950  |
|                                                              | THT-127-427-3*   | Self-laminating Vinyl | White/Transparent  | 12.70              | 55.88               | 19.05                         | —                        | 15.88                  | 60.96          | 5.90                    | 11.70                   | 1              | 3000               | R4300, R7950  |
|                                                              | THT-56-427-10    | Self-laminating Vinyl | White/Transparent  | 19.05              | 23.81               | 9.53                          | 20.32                    | 28.58                  | 85.09          | 2.50                    | 4.50                    | 4              | 10000              | R4300, R7950  |
|                                                              | THT-62-427-3.5*  | Self-laminating Vinyl | White/Transparent  | 19.05              | 44.45               | 12.70                         | —                        | 23.80                  | 49.53          | 4.70                    | 10.10                   | 1              | 3500               | R4300, R7950  |
|                                                              | THT-73-427-10    | Self-laminating Vinyl | White/Transparent  | 19.05              | 44.45               | 12.70                         | 20.32                    | 47.63                  | 85.09          | 4.70                    | 10.10                   | 4              | 10000              | R4300, R7950  |
|                                                              | THT-63-427-3.5*  | Self-laminating Vinyl | White/Transparent  | 20.32              | 36.50               | 12.70                         | —                        | 25.07                  | 41.58          | 3.90                    | 7.60                    | 1              | 3500               | R4300, R7950  |
|                                                              | THT-74-427-10    | Self-laminating Vinyl | White/Transparent  | 20.32              | 36.50               | 12.70                         | 20.32                    | 41.28                  | 85.09          | 3.90                    | 7.60                    | 4              | 10000              | R4300, R7950  |
|                                                              | THT-116-427-5    | Self-laminating Vinyl | White/Transparent  | 25.40              | 25.40               | 9.53                          | 27.94                    | 28.58                  | 58.42          | 2.70                    | 5.10                    | 2              | 5000               | R4300, R7950  |
|                                                              | THT-9-427-10     | Self-laminating Vinyl | White/Transparent  | 25.40              | 36.50               | 12.70                         | 27.31                    | 41.28                  | 85.09          | 3.90                    | 7.60                    | 3              | 5000               | R4300, R7950  |
|                                                              | THT-9-427-10-YL  | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 36.50               | 12.70                         | 27.31                    | 41.28                  | 85.09          | 3.90                    | 7.60                    | 3              | 5000               | R4300, R7950  |
|                                                              | THT-64-427-3*    | Self-laminating Vinyl | White/Transparent  | 25.40              | 57.15               | 19.05                         | —                        | 30.15                  | 62.23          | 6.10                    | 12.10                   | 1              | 3000               | R4300, R7950  |
|                                                              | THT-64-427-3-YL* | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 57.15               | 19.05                         | —                        | 30.15                  | 62.23          | 6.10                    | 12.10                   | 1              | 3000               | R4300, R7950  |
|                                                              | THT-75-427-3     | Self-laminating Vinyl | White/Transparent  | 25.40              | 57.15               | 19.05                         | 27.94                    | 60.33                  | 58.42          | 6.10                    | 12.10                   | 2              | 3000               | R4300, R7950  |
|                                                              | THT-75-427-3-YL  | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 57.15               | 19.05                         | 27.94                    | 60.33                  | 58.42          | 6.10                    | 12.10                   | 2              | 3000               | R4300, R7950  |
|                                                              | THT-131-427-3*   | Self-laminating Vinyl | White/Transparent  | 25.40              | 66.68               | 25.40                         | —                        | 28.58                  | 71.75          | 7.10                    | 13.10                   | 1              | 3000               | R4300, R7950  |
|                                                              | THT-10-427-3     | Self-laminating Vinyl | White/Transparent  | 25.40              | 95.25               | 25.40                         | 27.31                    | 101.60                 | 85.09          | 10.10                   | 22.20                   | 3              | 3000               | R4300, R7950  |
|                                                              | THT-10-427-3-YL  | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 95.25               | 25.40                         | 27.31                    | 101.60                 | 85.09          | 10.10                   | 22.20                   | 3              | 3000               | R4300, R7950  |
|                                                              | THT-65-427-3*    | Self-laminating Vinyl | White/Transparent  | 25.40              | 95.25               | 25.40                         | —                        | 30.15                  | 100.33         | 10.10                   | 22.20                   | 1              | 3000               | R4300, R7950  |
|                                                              | THT-65-427-3-YL* | Self-laminating Vinyl | Yellow/Transparent | 25.40              | 95.25               | 25.40                         | —                        | 30.15                  | 100.33         | 10.10                   | 22.20                   | 1              | 3000               | R4300, R7950  |
|                                                              | THT-81-427-1     | Self-laminating Vinyl | White/Transparent  | 25.40              | 152.40              | 38.10                         | 27.94                    | 157.15                 | 55.88          | 16.20                   | 36.40                   | 2              | 1000               | R4300, R7950  |
|                                                              | THT-119-427-2.5  | Self-laminating Vinyl | White/Transparent  | 38.10              | 38.10               | 12.70                         | —                        | 41.28                  | 43.18          | 4.00                    | 8.10                    | 1              | 2500               | R4300, R7950  |
|                                                              | THT-66-427-1.5*  | Self-laminating Vinyl | White/Transparent  | 48.26              | 80.95               | 19.05                         | —                        | 54.61                  | 86.03          | 8.60                    | 19.70                   | 1              | 1500               | R4300, R7950  |
|                                                              | THT-67-427-1.5*  | Self-laminating Vinyl | White/Transparent  | 50.80              | 57.15               | 19.05                         | —                        | 55.55                  | 62.23          | 6.10                    | 12.10                   | 1              | 1500               | R4300, R7950  |
|                                                              | THT-27-427-1     | Self-laminating Vinyl | White/Transparent  | 50.80              | 95.25               | 25.40                         | —                        | 101.60                 | 55.88          | 10.10                   | 22.20                   | 1              | 1000               | R4300, R7950  |
|                                                              | THT-82-427-0.5   | Self-laminating Vinyl | White/Transparent  | 50.80              | 152.40              | 38.10                         | —                        | 158.80                 | 55.90          | 16.20                   | 36.40                   | 1              | 1000               | R4300, R7950  |
|                                                              | THT-85-427-2*    | Self-laminating Vinyl | White/Transparent  | 50.80              | 152.40              | 38.10                         | —                        | 55.88                  | 157.48         | 16.20                   | 36.40                   | 1              | 2000               | R4300, R7950  |
|                                                              | THT-83-427-0.5   | Self-laminating Vinyl | White/Transparent  | 50.80              | 177.80              | 38.10                         | —                        | 182.55                 | 55.88          | 18.90                   | 44.50                   | 1              | 500                | R4300, R7950  |
|                                                              | THT-86-427-2*    | Self-laminating Vinyl | White/Transparent  | 50.80              | 177.80              | 38.10                         | —                        | 55.88                  | 182.88         | 18.90                   | 44.50                   | 1              | 2000               | R4300, R7950  |
|                                                              | THT-26-427-1     | Self-laminating Vinyl | White/Transparent  | 63.50              | 57.15               | 19.05                         | —                        | 61.93                  | 68.58          | 6.10                    | 12.10                   | 1              | 1000               | R4300, R7950  |
| Following part numbers are supplied on a 25 mm diameter core |                  |                       |                    |                    |                     |                               |                          |                        |                |                         |                         |                |                    |               |
|                                                              | BPT-305-427      | Self-laminating Vinyl | White/Transparent  | 12.70              | 31.75               | 12.70                         | 15.00                    | 38.25                  | 108.00         | 3.40                    | 6.10                    | 7              | 7000               | R7950         |
|                                                              | BPT-211-427      | Self-laminating Vinyl | White/Transparent  | 25.40              | 25.40               | 9.53                          | 29.50                    | 31.90                  | 108.00         | 2.70                    | 5.10                    | 3              | 3000               | R7950         |
|                                                              | BPT-311-427      | Self-laminating Vinyl | White/Transparent  | 25.40              | 31.75               | 12.70                         | 28.50                    | 37.75                  | 108.00         | 3.40                    | 6.10                    | 3              | 3000               | R7950         |
|                                                              | BPT-511-427      | Self-laminating Vinyl | White/Transparent  | 25.40              | 63.50               | 19.05                         | 33.50                    | 70.00                  | 108.00         | 6.70                    | 14.20                   | 3              | 3000               | R7950         |
|                                                              | BPT-517-427      | Self-laminating Vinyl | White/Transparent  | 38.10              | 63.50               | 19.05                         | 49.00                    | 69.50                  | 108.00         | 6.70                    | 14.20                   | 2              | 2000               | R7950         |

\*Label is rotated 90° on liner.



### FINDING THE CORRECT LABEL HEIGHT FOR YOUR SELF-LAMINATING LABELS

If you know your wire diameter or wire circumference, you can easily determine the recommended minimum and maximum label height by using the formulas below.

#### Step 1

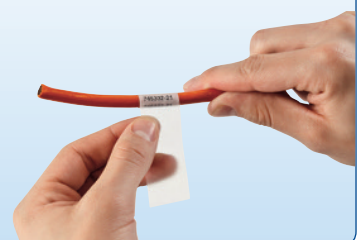
Wire Diameter x 3.14 (pi) = Wire Circumference

#### Step 2

Wire Circumference + printable area height (allowing clear area to cover the printable area completely at least once) = Minimum Recommended Label Height

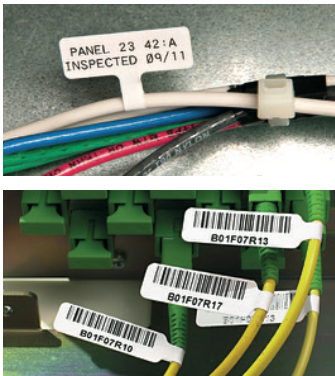
#### Step 3

Wire Circumference x 3 (allowing for label to wrap 3 times around wire) = Maximum Recommended Label Height





# Wire and Cable Materials



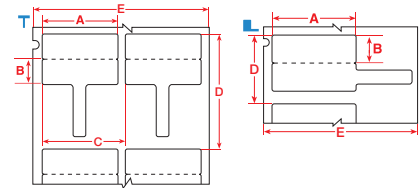
## B-425 POLYPROPYLENE MATERIAL

Colour: White

Finish: Matt

White polypropylene material stock with matt finish for thermal transfer printing or write-on applications. Excellent solvent resistance and print performance; not recommended for long-term outdoor use.

Performance Attributes:



| Diagram | Order Reference | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|---------------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THTFP-01-425    | Polypropylene | White  | 30.00              | 10.00               | —                        | 26.03                  | 56.00            | 1              | 2500               | R4300, R7950  |
|         | THTFT-01-425    | Polypropylene | White  | 30.00              | 10.00               | 33.00                    | 46.04                  | 69.00            | 2              | 2500               | R4300, R7950  |

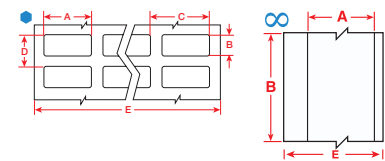


## B-437 POLYVINYLFLUORIDE MATERIAL

Colour: White, Yellow

Finish: Matt

White or yellow polyvinylfluoride label material with matt finish. Used in wire and cable identification applications where self-extinguishing features are required. This label material utilises an adhesive for heavy-duty applications and is available in continuous or die-cut formats. Excellent resistance to water, oil and other common fluids.



| Diagram | Order Reference  | Material          | Colour | Label Width A (mm) | Label Height B (mm) | Label Length B (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|-------------------|--------|--------------------|---------------------|--------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THT-1-437W-10    | Polyvinylfluoride | White  | 19.05              | 6.35                | —                  | 20.32                    | 8.89                   | 85.09            | 4              | 10000              | R4300, R7950  |
|         | THT-2-437-10     | Polyvinylfluoride | White  | 22.86              | 6.35                | —                  | 28.58                    | 8.89                   | 85.09            | 3              | 10000              | R4300, R7950  |
|         | THT-5-437-10     | Polyvinylfluoride | White  | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
|         | THT-5-437-10-YL  | Polyvinylfluoride | Yellow | 25.40              | 12.70               | —                  | 27.31                    | 15.24                  | 85.09            | 3              | 10000              | R4300, R7950  |
|         | THT-29-437-10    | Polyvinylfluoride | White  | 31.75              | 9.53                | —                  | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R4300, R7950  |
|         | THT-29-437-10-YL | Polyvinylfluoride | Yellow | 31.75              | 9.53                | —                  | 33.02                    | 12.07                  | 69.85            | 2              | 10000              | R4300, R7950  |
|         | THT-21-437       | Polyvinylfluoride | White  | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300, R7950  |
|         | THT-21-437-YL    | Polyvinylfluoride | Yellow | 76.20              | —                   | 91.44 m            | —                        | —                      | 81.28            | 1              | 1                  | R4300, R7950  |



### DID YOU KNOW? - TECHNICAL DATA SHEETS

Looking for more information regarding a certain Brady material? Brady offers online access to Technical Data Sheets for all Brady materials.

View a specific B-Number or search by relevant keywords.

Visit [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for more information.



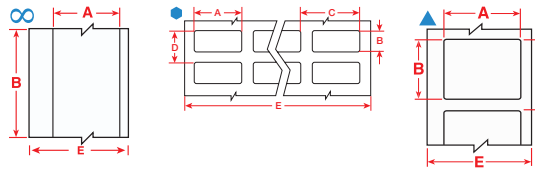


## B-498 REPOSITIONABLE VINYL CLOTH MATERIAL

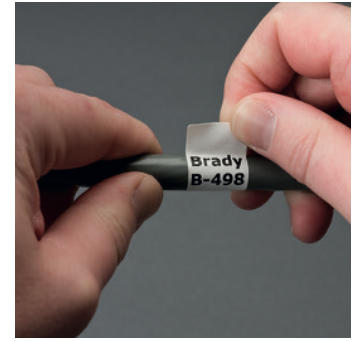
Colour: White

Finish: Semi-gloss

White vinyl cloth label material with semi-gloss finish. The adhesive and cloth backing give excellent holding power, while being repositionable and cleanly removable.



Performance Attributes:



| Diagram                                                                                                                                                      | Order Reference   | Material    | Colour | Label Width A (mm) | Label Height B (mm) | Tape Length (m) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width (mm) | Labels per Row | Labels per Package | Ribbon Series |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|--------|--------------------|---------------------|-----------------|--------------------------|------------------------|----------------|----------------|--------------------|---------------|
| ∞                                                                                                                                                            | THT-94-498        | Vinyl Cloth | White  | 6.10               | —                   | 50.29 m         | —                        | —                      | 25.40          | 1              | 1                  | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-90-498-5      | Vinyl Cloth | White  | 6.35               | 36.50               | —               | 8.89                     | 39.68                  | 55.88          | 6              | 5000               | R4300, R7950  |
| ∞                                                                                                                                                            | THT-93-498        | Vinyl Cloth | White  | 8.00               | —                   | 50.29 m         | —                        | —                      | 25.40          | 1              | 1                  | R4300, R7950  |
| ∞                                                                                                                                                            | THT-92-498        | Vinyl Cloth | White  | 9.53               | —                   | 50.29 m         | —                        | —                      | 25.40          | 1              | 1                  | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-68-498-10     | Vinyl Cloth | White  | 12.70              | 19.05               | —               | 15.24                    | 21.59                  | 63.50          | 4              | 10000              | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-87-498-5      | Vinyl Cloth | White  | 12.70              | 36.50               | —               | 15.24                    | 39.68                  | 93.98          | 6              | 5000               | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-14-498-10     | Vinyl Cloth | White  | 16.51              | 5.08                | —               | 17.78                    | 7.62                   | 74.93          | 4              | 10000              | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-1-498-10      | Vinyl Cloth | White  | 19.05              | 6.35                | —               | 20.32                    | 8.89                   | 85.09          | 4              | 10000              | R4300, R7950  |
| ▲                                                                                                                                                            | THT-252-498-3     | Vinyl Cloth | White  | 19.05              | 6.35                | —               | —                        | 8.89                   | 25.40          | 1              | 3000               | R4300, R7950  |
| ▲                                                                                                                                                            | THT-254-498-3     | Vinyl Cloth | White  | 19.05              | 19.05               | —               | —                        | 21.59                  | 25.40          | 1              | 3000               | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-91-498-5      | Vinyl Cloth | White  | 19.05              | 23.80               | —               | 22.23                    | 26.98                  | 88.90          | 4              | 5000               | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-95-498-5      | Vinyl Cloth | White  | 20.32              | 36.50               | —               | 22.86                    | 39.68                  | 71.12          | 3              | 5000               | R4300, R7950  |
| ▲                                                                                                                                                            | THT-253-498-3     | Vinyl Cloth | White  | 25.40              | 4.75                | —               | —                        | 7.31                   | 30.48          | 1              | 3000               | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-5-498-10      | Vinyl Cloth | White  | 25.40              | 12.70               | —               | 27.31                    | 15.24                  | 85.09          | 3              | 10000              | R4300, R7950  |
| ▲                                                                                                                                                            | THT-59-498-10     | Vinyl Cloth | White  | 25.40              | 12.70               | —               | —                        | 15.24                  | 30.48          | 1              | 10000*             | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-88-498-5      | Vinyl Cloth | White  | 25.40              | 19.05               | —               | 27.94                    | 22.23                  | 58.42          | 2              | 5000               | R4300, R7950  |
| ⬢                                                                                                                                                            | THT-89-498-5      | Vinyl Cloth | White  | 25.40              | 36.50               | —               | 27.94                    | 39.68                  | 86.36          | 3              | 5000               | R4300, R7950  |
| ▲                                                                                                                                                            | THT-199-498-3     | Vinyl Cloth | White  | 26.67              | 6.35                | —               | —                        | 8.89                   | 31.75          | 1              | 3000               | R4300, R7950  |
| ▲                                                                                                                                                            | THT-17-498-3      | Vinyl Cloth | White  | 50.80              | 25.40               | —               | —                        | 28.58                  | 55.88          | 1              | 3000               | R4300, R7950  |
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                   |             |        |                    |                     |                 |                          |                        |                |                |                    |               |
| ⬢                                                                                                                                                            | BPT-611-498       | Vinyl Cloth | White  | 12.70              | 25.40               | —               | 15.70                    | 28.40                  | 50.10          | 3              | 3000               | R7950         |
| ▲                                                                                                                                                            | BPT-659-498       | Vinyl Cloth | White  | 25.40              | 12.40               | —               | —                        | 15.40                  | 30.48          | 1              | 1000               | R7950         |
| ▲                                                                                                                                                            | THT-59-498-2.5-SC | Vinyl Cloth | White  | 25.40              | 12.70               | —               | —                        | 15.24                  | 30.48          | 1              | 2500               | R7950         |
| ⬢                                                                                                                                                            | BPT-621-498       | Vinyl Cloth | White  | 25.40              | 36.50               | —               | 28.40                    | 39.50                  | 88.20          | 3              | 3000               | R7950         |
| ▲                                                                                                                                                            | THT-17-498-1.5-SC | Vinyl Cloth | White  | 50.80              | 25.40               | —               | —                        | 28.58                  | 55.88          | 1              | 1500               | R7950         |

\*2 rolls of 5000 labels



### DID YOU KNOW? - CUSTOM LABEL OFFERINGS

Don't see a label in the size, configuration or colour needed for your particular application? Brady offers custom label capability for many of the materials in this catalogue. Contact your Brady distributor for more information and to order your custom labels.





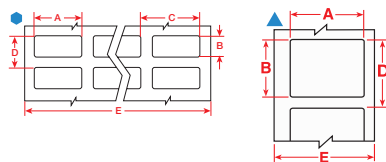
## B-499 NYLON CLOTH MATERIAL

Colour: White

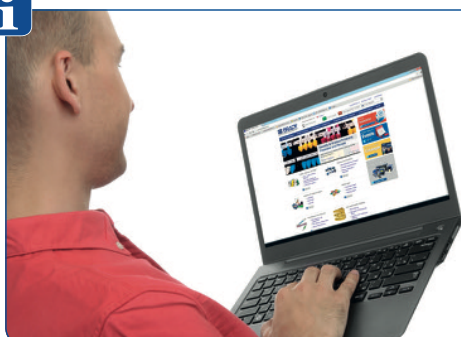
Finish: Matt

White nylon cloth material with matt finish. The adhesive allows labelling in environments with heat, cold, oil and dirt.

Performance Attributes:



| Diagram                                                                                                                                                      | Order Reference    | Material    | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width (mm) | Labels per Row | Labels per Package | Ribbon Series |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|--------|--------------------|---------------------|--------------------------|------------------------|----------------|----------------|--------------------|---------------|
| ●                                                                                                                                                            | THT-68-499-10      | Nylon Cloth | White  | 12.70              | 19.05               | 15.24                    | 21.59                  | 63.50          | 4              | 10000              | R4900         |
| ●                                                                                                                                                            | THT-69-499-3       | Nylon Cloth | White  | 20.32              | 36.50               | 22.86                    | 39.12                  | 48.26          | 2              | 3000               | R4900         |
| ▲                                                                                                                                                            | THT-125-499-3      | Nylon Cloth | White  | 22.86              | 12.70               | —                        | 15.24                  | 27.94          | 1              | 3000               | R4900         |
| ●                                                                                                                                                            | THT-152-499-3      | Nylon Cloth | White  | 25.40              | 9.53                | 27.94                    | 12.07                  | 58.42          | 2              | 3000               | R4900         |
| ▲                                                                                                                                                            | THT-136-499-3      | Nylon Cloth | White  | 38.10              | 19.05               | —                        | 22.23                  | 43.18          | 1              | 3000               | R4900         |
| ▲                                                                                                                                                            | THT-151-499-3      | Nylon Cloth | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88          | 1              | 3000               | R4900         |
| ▲                                                                                                                                                            | THT-137-499-3      | Nylon Cloth | White  | 50.80              | 25.40               | —                        | 28.58                  | 55.88          | 1              | 3000               | R4900         |
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                    |             |        |                    |                     |                          |                        |                |                |                    |               |
| ●                                                                                                                                                            | BPT-611-499        | Nylon Cloth | White  | 12.70              | 25.40               | 15.70                    | 28.40                  | 50.10          | 3              | 3000               | R7950         |
| ▲                                                                                                                                                            | BPT-620-499        | Nylon Cloth | White  | 12.70              | 25.40               | —                        | 28.40                  | 25.40          | 1              | 1000               | R7950         |
| ▲                                                                                                                                                            | THT-125-499-1.5-SC | Nylon Cloth | White  | 22.86              | 12.70               | —                        | 15.24                  | 27.94          | 1              | 1500               | R7950         |
| ●                                                                                                                                                            | BPT-618-499        | Nylon Cloth | White  | 22.86              | 38.10               | 25.86                    | 41.10                  | 50.10          | 3              | 3000               | R7950         |
| ●                                                                                                                                                            | THT-152-499-1.5-SC | Nylon Cloth | White  | 25.40              | 9.53                | 27.94                    | 12.07                  | 58.42          | 2              | 1500               | R7950         |
| ▲                                                                                                                                                            | BPT-659-499        | Nylon Cloth | White  | 25.40              | 12.40               | —                        | 15.40                  | 30.48          | 1              | 1000               | R7950         |
| ●                                                                                                                                                            | BPT-621-499        | Nylon Cloth | White  | 25.40              | 36.50               | 28.40                    | 39.50                  | 88.20          | 3              | 3000               | R7950         |
| ●                                                                                                                                                            | BPT-625-499        | Nylon Cloth | White  | 25.40              | 66.68               | 28.40                    | 69.68                  | 88.20          | 3              | 1500               | R7950         |
| ▲                                                                                                                                                            | THT-136-499-1.5-SC | Nylon Cloth | White  | 38.10              | 19.05               | —                        | 22.23                  | 27.94          | 1              | 1500               | R7950         |
| ▲                                                                                                                                                            | THT-151-499-1.5-SC | Nylon Cloth | White  | 50.80              | 6.35                | —                        | 8.89                   | 55.88          | 1              | 1500               | R7950         |



### DID YOU KNOW?

Surfing [www.bradyeurope.com](http://www.bradyeurope.com) is a simple, efficient and timesaving way to learn more about BRADY products and applications, industry developments, events, promotions, etc. anytime, anywhere. For looking up technical data sheets, downloading upgrades to your Brady printers and software or fast registration of your Brady products, there's just one address: [www.bradyeurope.com](http://www.bradyeurope.com)



## WIRE & CABLE TAGS

Brady's printable wire and cable tags provide you with the ability to create clear, unambiguous cable identification tags for both indoor and outdoor applications. Cable ID tags can be attached to a wire, cable, or bundle using cable ties or lacing cord.

With Brady's variety of cable tags, you can identify data centre wires, audio visual cables, power and ground cables, cable harnesses, and more. Brady's tag materials offer excellent tear, solvent and heat resistance.



See page 191 for nylon wire and cable ties.

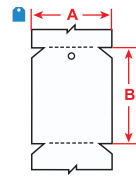
## B-109 POLYETHYLENE TAG MATERIAL

Color: White

Finish: Matt

White polyethylene tag material with matt finish. Excellent multi-purpose tag for identifying multi-conductor cables, inventory, safety warning repair and work-in-process manufacturing. Good weatherability, humidity resistance and legibility after solvent exposure.

Performance Attributes



| Diagram | Order Reference | Material         | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Labels per<br>Row | Labels per<br>Package | Ribbon Series |
|---------|-----------------|------------------|--------|-----------------------|------------------------|-------------------|-----------------------|---------------|
|         | THT-33-109-0.5  | Polyethylene Tag | White  | 76.20                 | 152.40                 | 1                 | 500                   | R4300, R7950  |

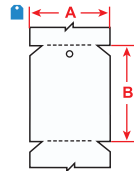
## B-412 POLYPROPYLENE TAG MATERIAL

Color: White

Finish: Matt

White polypropylene tag material with matt finish. Offers high print legibility and high tensile strength.

Performance Attributes



| Diagram | Order Reference | Material          | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Labels per<br>Row | Labels per<br>Package | Ribbon Series |
|---------|-----------------|-------------------|--------|-----------------------|------------------------|-------------------|-----------------------|---------------|
|         | THT-33-412-1    | Polypropylene Tag | White  | 76.20                 | 152.40                 | 1                 | 1000                  | R4300, R7950  |



# Wire and Cable Materials



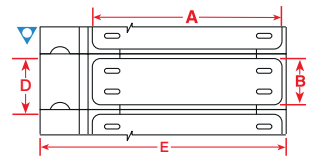
## B-508 NOMEX® CABLE MARKER

Colour: White/Yellow

Finish: Matt

Thermal transfer and dot matrix printable wire and cable bundle tag for harsh environments. Excellent tear, heat and solvent resistance.

Performance Attributes



| Diagram | Order Reference | Material   | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | HSNX-400-2-WT   | Nomex® Tag | White  | 55.88              | 10.41               | 15.79                  | 82.55            | 1              | 2500               | R4300, R7950  |
|         | HSNX-400-2-YL   | Nomex® Tag | Yellow | 55.88              | 10.41               | 15.79                  | 82.55            | 1              | 2500               | R4300, R7950  |
|         | HSNX-800-2-WT   | Nomex® Tag | White  | 55.88              | 20.32               | 25.70                  | 82.55            | 1              | 2500               | R4300, R7950  |
|         | HSNX-800-2-YL   | Nomex® Tag | Yellow | 55.88              | 20.32               | 25.70                  | 82.55            | 1              | 2500               | R4300, R7950  |

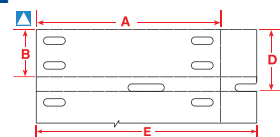


## B-7597 POLYETHYLENE TAG MATERIAL

Colour: White

Finish: Matt

White polyethylene tag material. Resists tearing and the topcoat resists smudging and abrasion. Low halogen material.



| Diagram | Order Reference | Material         | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | BPT-7597W-2050  | Polyethylene Tag | White  | 50.80              | 12.70               | 16.72                  | 60.80            | 1              | 2000               | R4300, R7950  |
|         | BT-7597W-2050   | Polyethylene Tag | White  | 50.80              | 12.70               | 16.72                  | 60.80            | 1              | 4000               | R4300, R7950  |



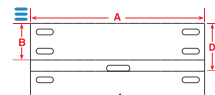
## B-7598 POLYESTER CABLE TAG

Colour: Various

Finish: Gloss

The B-7598 polyester tag is a general identification tag for cables exposed to extreme conditions. It requires cable ties to apply to cables with various diameters. Common applications for this cable tag material are:

- Identification of multi-conductor cables
- Identification of cables in mobile phone towers
- Identification of datacom or telecom cables in general
- General cable identification that must be extremely resistant



| Diagram | Order Reference  | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|------------------|---------------|--------|--------------------|---------------------|------------------------|----------------|--------------------|---------------|
|         | THT-6010-7598-WT | Polyester Tag | White  | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-6010-7598-YL | Polyester Tag | Yellow | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-6010-7598-GN | Polyester Tag | Green  | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-6010-7598-RD | Polyester Tag | Red    | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-6010-7598-SV | Polyester Tag | Silver | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-6010-7598-BK | Polyester Tag | Black  | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R4400-WT      |
|         | THT-6010-7598-BL | Polyester Tag | Blue   | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-7510-7598-WT | Polyester Tag | White  | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-7510-7598-YL | Polyester Tag | Yellow | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-7510-7598-GN | Polyester Tag | Green  | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-7510-7598-RD | Polyester Tag | Red    | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-7510-7598-SV | Polyester Tag | Silver | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-7510-7598-BK | Polyester Tag | Black  | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R4400-WT      |
|         | THT-7510-7598-BL | Polyester Tag | Blue   | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|         | THT-7515-7598-WT | Polyester Tag | White  | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|         | THT-7515-7598-YL | Polyester Tag | Yellow | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|         | THT-7515-7598-GN | Polyester Tag | Green  | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|         | THT-7515-7598-RD | Polyester Tag | Red    | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|         | THT-7515-7598-SV | Polyester Tag | Silver | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |

>>

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## B-7598 POLYESTER CABLE TAG (CONTINUED)

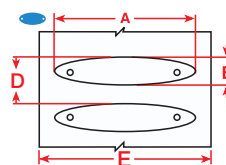
| Diagram                                                                                                                                                      | Order Reference  | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Package | Ribbon Series |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|--------|--------------------|---------------------|------------------------|----------------|--------------------|---------------|
|                                                                                                                                                              | THT-7515-7598-BK | Polyester Tag | Black  | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R4400-WT      |
|                                                                                                                                                              | THT-7515-7598-BL | Polyester Tag | Blue   | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | THT-7525-7598-WT | Polyester Tag | White  | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | THT-7525-7598-YL | Polyester Tag | Yellow | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | THT-7525-7598-GN | Polyester Tag | Green  | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | THT-7525-7598-RD | Polyester Tag | Red    | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | THT-7525-7598-SV | Polyester Tag | Silver | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | THT-7525-7598-BK | Polyester Tag | Black  | 75.00              | 25.00               | 30.16                  | 1              | 500                | R4400-WT      |
|                                                                                                                                                              | THT-7525-7598-BL | Polyester Tag | Blue   | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
| Following part numbers are mounted on a 25 mm diameter core and do not require the unwinder (order ref. BBP12/BBP11-U) for use with the BBP11/BBP12 Printer. |                  |               |        |                    |                     |                        |                |                    |               |
|                                                                                                                                                              | BPT-6010-7598-WT | Polyester Tag | White  | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-6010-7598-YL | Polyester Tag | Yellow | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-6010-7598-GN | Polyester Tag | Green  | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-6010-7598-RD | Polyester Tag | Red    | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-6010-7598-SV | Polyester Tag | Silver | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-6010-7598-BK | Polyester Tag | Black  | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R4400-WT      |
|                                                                                                                                                              | BPT-6010-7598-BL | Polyester Tag | Blue   | 60.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7510-7598-WT | Polyester Tag | White  | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7510-7598-YL | Polyester Tag | Yellow | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7510-7598-GN | Polyester Tag | Green  | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7510-7598-RD | Polyester Tag | Red    | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7510-7598-SV | Polyester Tag | Silver | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7510-7598-BK | Polyester Tag | Black  | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R4400-WT      |
|                                                                                                                                                              | BPT-7510-7598-BL | Polyester Tag | Blue   | 75.00              | 10.00               | 15.08                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7515-7598-WT | Polyester Tag | White  | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7515-7598-YL | Polyester Tag | Yellow | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7515-7598-GN | Polyester Tag | Green  | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7515-7598-RD | Polyester Tag | Red    | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7515-7598-SV | Polyester Tag | Silver | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7515-7598-BK | Polyester Tag | Black  | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R4400-WT      |
|                                                                                                                                                              | BPT-7515-7598-BL | Polyester Tag | Blue   | 75.00              | 15.00               | 20.02                  | 1              | 1000               | R6000HF       |
|                                                                                                                                                              | BPT-7525-7598-WT | Polyester Tag | White  | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | BPT-7525-7598-YL | Polyester Tag | Yellow | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | BPT-7525-7598-GN | Polyester Tag | Green  | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | BPT-7525-7598-RD | Polyester Tag | Red    | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | BPT-7525-7598-SV | Polyester Tag | Silver | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |
|                                                                                                                                                              | BPT-7525-7598-BK | Polyester Tag | Black  | 75.00              | 25.00               | 30.16                  | 1              | 500                | R4400-WT      |
|                                                                                                                                                              | BPT-7525-7598-BL | Polyester Tag | Blue   | 75.00              | 25.00               | 30.16                  | 1              | 500                | R6000HF       |

## B-7599 RAPIDO™ WIRE MARKERS

Colour: Yellow

Finish: Matt

Yellow coated polyethylene tag suitable for durable terminated wire marking for electrical devices and fibre installations.



| Diagram | Order Reference | Material         | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|------------------|--------|--------------------|---------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THT-01-7599-YL  | Polyethylene Tag | Yellow | 22.90              | 5.20                | 8.40                   | 35.90            | 1              | 2500               | R7950         |
|         | THT-02-7599-YL  | Polyethylene Tag | Yellow | 23.00              | 5.20                | 8.38                   | 36.00            | 1              | 2500               | R7950         |
|         | THT-03-7599-YL  | Polyethylene Tag | Yellow | 25.00              | 5.70                | 8.89                   | 38.00            | 1              | 2500               | R7950         |
|         | THT-04-7599-YL  | Polyethylene Tag | Yellow | 26.00              | 7.00                | 20.36                  | 39.00            | 1              | 1500               | R7950         |
|         | THT-05-7599-YL  | Polyethylene Tag | Yellow | 41.00              | 11.00               | 14.20                  | 54.00            | 1              | 1500               | R7950         |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

# Wire and Cable Materials

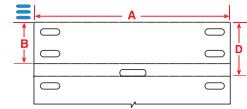


## B-7643 HALOGEN-FREE CABLE TAG

Colour: Various

Finish: Matt

Thermal transfer and dot matrix printable wire and cable bundle tag in polyurethane for harsh environments.  
Low halogen material.



### Performance Attributes



| Diagram | Order Reference  | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat D (mm) | Labels per Row | Labels per Roll | Printer Ribbon Series |
|---------|------------------|--------|--------------------|---------------------|------------------------|----------------|-----------------|-----------------------|
|         | BPT-6010-7643-BK | Black  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R4400-WT              |
|         | BPT-6010-7643-BL | Blue   | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-6010-7643-GN | Green  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-6010-7643-OR | Orange | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-6010-7643-RD | Red    | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-6010-7643-WT | White  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-6010-7643-YL | Yellow | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-7510-7643-BK | Black  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R4400-WT              |
|         | BPT-7510-7643-BL | Blue   | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-7510-7643-GN | Green  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-7510-7643-OR | Orange | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-7510-7643-RD | Red    | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-7510-7643-WT | White  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-7510-7643-YL | Yellow | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | BPT-7515-7643-BK | Black  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R4400-WT              |
|         | BPT-7515-7643-BL | Blue   | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | BPT-7515-7643-GN | Green  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | BPT-7515-7643-OR | Orange | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | BPT-7515-7643-RD | Red    | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | BPT-7515-7643-WT | White  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | BPT-7515-7643-YL | Yellow | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | BPT-7525-7643-BK | Black  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R4400-WT              |
|         | BPT-7525-7643-BL | Blue   | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | BPT-7525-7643-GN | Green  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | BPT-7525-7643-OR | Orange | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | BPT-7525-7643-RD | Red    | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | BPT-7525-7643-WT | White  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | BPT-7525-7643-YL | Yellow | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | THT-6010-7643-BK | Black  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R4400-WT              |
|         | THT-6010-7643-BL | Blue   | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-6010-7643-GN | Green  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-6010-7643-OR | Orange | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-6010-7643-RD | Red    | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-6010-7643-WT | White  | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-6010-7643-YL | Yellow | 60.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-7510-7643-BK | Black  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R4400-WT              |
|         | THT-7510-7643-BL | Blue   | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-7510-7643-GN | Green  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-7510-7643-OR | Orange | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-7510-7643-RD | Red    | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-7510-7643-WT | White  | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-7510-7643-YL | Yellow | 75.00              | 10.00               | 15.08                  | 1              | 750             | R6000HF               |
|         | THT-7515-7643-BK | Black  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R4400-WT              |
|         | THT-7515-7643-BL | Blue   | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | THT-7515-7643-GN | Green  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | THT-7515-7643-OR | Orange | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | THT-7515-7643-RD | Red    | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | THT-7515-7643-WT | White  | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | THT-7515-7643-YL | Yellow | 75.00              | 15.00               | 20.02                  | 1              | 500             | R6000HF               |
|         | THT-7525-7643-BK | Black  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R4400-WT              |
|         | THT-7525-7643-BL | Blue   | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | THT-7525-7643-GN | Green  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | THT-7525-7643-OR | Orange | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | THT-7525-7643-RD | Red    | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | THT-7525-7643-WT | White  | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |
|         | THT-7525-7643-YL | Yellow | 75.00              | 25.00               | 30.16                  | 1              | 250             | R6000HF               |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## CABLE TAG MATERIAL COMPARISON CHART

|                                      | B-109<br>Tag      | B-412<br>Tag  | B-508 Nomex®<br>Cable Marker | B-7597<br>Tag     | B-7599 Rapido<br>Wire Markers | B-7643<br>Cable Tag                                 | B-7644<br>Laminat Carriers | B-7598<br>Tag                                       |
|--------------------------------------|-------------------|---------------|------------------------------|-------------------|-------------------------------|-----------------------------------------------------|----------------------------|-----------------------------------------------------|
| Material                             | Polyethylene      | Polypropylene | Polymer                      | Polyethylene      | Polyethylene                  | Polyurethane                                        | Polypropylene              | Polyester                                           |
| Abrasion resistance                  |                   |               |                              | ✓                 | ✓                             |                                                     | ✓                          | ✓                                                   |
| Fuel/oil resistance                  | ✓                 | ✓             | ✓                            |                   |                               |                                                     |                            | ✓                                                   |
| High heat resistance (100°C)         |                   |               | ✓                            |                   |                               |                                                     |                            | ✓                                                   |
| Low temperature resistance (< -40°C) | ✓                 |               | ✓                            |                   |                               | ✓                                                   |                            | ✓                                                   |
| Solvent/Chemical resistance          |                   |               |                              |                   |                               |                                                     |                            | ✓                                                   |
| Outdoor use                          |                   |               | ✓                            |                   |                               |                                                     | ✓                          | ✓                                                   |
| Tear resistance                      | ✓                 | ✓             | ✓                            | ✓                 | ✓                             |                                                     |                            | ✓                                                   |
| Harsh environments                   |                   |               | ✓                            |                   |                               | ✓                                                   | ✓                          | ✓                                                   |
| Different colours                    | 2<br>White Yellow | 1<br>White    | 3<br>White Yellow Green      | 2<br>White Yellow | 2<br>White Yellow             | 7<br>White Yellow Red<br>Green Blue Orange<br>Black | 1<br>Yellow                | 7<br>White Yellow Red<br>Green Blue Silver<br>Black |
| Halogen Free                         | ✓                 | ✓             |                              | ✓                 | ✓                             | ✓                                                   | ✓                          | ✓*                                                  |

\*White and black only



View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



# Wire and Cable Materials

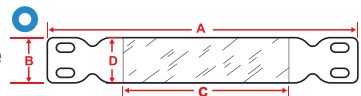


## B-7644 LAMINAT™ CARRIERS

Colour: Yellow

Laminat™ Carriers come with a strip to laminate text labels. The carrier is to be fixed with two cable ties directly on the cables and wires. This dependable marking system enables you to permanently mark cables and wires.

The Laminat™ Carriers can be used for any type of cable identification where permanency of the legend is crucial.



1. Pull the protective film backwards.



2. Place the label in the middle leaving space for sealing on all four sides of the label.



3. Seal the carrier by placing a finger on the film and pushing forward, thus rolling over the film and rolling off the silicon liner.



4. Always feed the cable ties from the top, thus bending down the Laminat™ carrier along the cable.

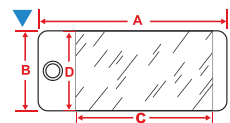
| Diagram | Order Reference      | Material                                    | Colour | Width A (mm) | Height B (mm) | Seal-up Area Width C (mm) | Seal-up Area Height D (mm) | Quantity / Package | Labels/Tapes Recommended |
|---------|----------------------|---------------------------------------------|--------|--------------|---------------|---------------------------|----------------------------|--------------------|--------------------------|
|         | LC-65X13-B7644-0.1   | Polypropylene Tag with Polyester Overlamine | Yellow | 65.00        | 13.00         | 45.00                     | 9.00                       | 100                | THRTL-5-430/6 mm         |
|         | LC-71X9-B7644-0.1    | Polypropylene Tag with Polyester Overlamine | Yellow | 71.00        | 9.00          | 45.00                     | 9.00                       | 100                | THRTL-5-430/6 mm         |
|         | LC-103X15-B7644-0.1  | Polypropylene Tag with Polyester Overlamine | Yellow | 103.00       | 15.00         | 55.00                     | 15.00                      | 100                | THRTL-6-430/6 mm         |
|         | LC-128X15-B7644-0.1  | Polypropylene Tag with Polyester Overlamine | Yellow | 128.00       | 15.00         | 80.00                     | 15.00                      | 100                | THRTL-1-430/9 mm         |
|         | LC-178X15-B7644-0.05 | Polypropylene Tag with Polyester Overlamine | Yellow | 178.00       | 15.00         | 130.00                    | 15.00                      | 50                 | THRTL-2-430/9 mm         |



## B-7645 LAMINAT™ TAGS

Colour: Yellow

The Laminat™ Tags (Manilla tags) are ideal for identification of material in tough environments including valves, instruments, motors and other industrial components.



| Diagram | Order Reference         | Material                                    | Colour | Width A (mm) | Height B (mm) | Seal-up Area Width C (mm) | Seal-up Area Height D (mm) | Quantity / Package | Labels/Tapes Recommended    |
|---------|-------------------------|---------------------------------------------|--------|--------------|---------------|---------------------------|----------------------------|--------------------|-----------------------------|
|         | LT-59X25-B7645-0.05     | Polypropylene Tag with Polyester Overlamine | Yellow | 59.00        | 25.00         | 43.00                     | 25.00                      | 50                 | THRTL-4-430/9,12, 19 mm     |
|         | LT-59X25-B7645-WR-0.05  | Polypropylene Tag with Polyester Overlamine | Yellow | 59.00        | 25.00         | 43.00                     | 25.00                      | 50                 | THRTL-4-430/9,12, 19 mm     |
|         | LT-105X60-B7645-WR-0.05 | Polypropylene Tag with Polyester Overlamine | Yellow | 116.00       | 60.00         | 100.00                    | 60.00                      | 50                 | THRTL-19-430-1/THRTL-21-430 |
|         | LT-150X25-B7645-0.05    | Polypropylene Tag with Polyester Overlamine | Yellow | 150.00       | 25.00         | 135.00                    | 25.00                      | 50                 | THRTL-3-430/9,12, 19 mm     |
|         | LT-150X25-B7645-WR-0.05 | Polypropylene Tag with Polyester Overlamine | Yellow | 150.00       | 25.00         | 135.00                    | 25.00                      | 50                 | THRTL-3-430/9,12, 19 mm     |



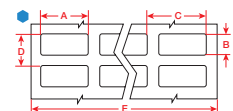
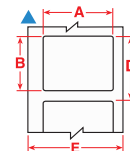
## B-430 LABELS FOR LAMINAT™ CARRIERS AND TAGS

Colour: Clear

Finish: Gloss

Clear Polyester labels specifically designed to fit the Laminat™ Carriers and Tags.

Performance Attributes

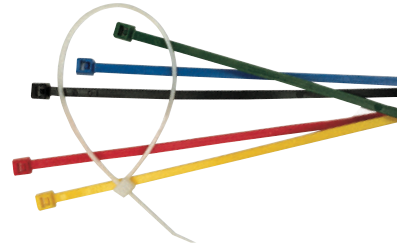


| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|---------------|
|         | THRTL-1-430     | Polyester | Clear  | 11.00              | 74.00               | 14.00                    | 76.99                  | 79.00            | 5              | 5000               | R6000HF       |
|         | THRTL-2-430     | Polyester | Clear  | 11.00              | 124.00              | 14.00                    | 127.00                 | 79.00            | 5              | 5000               | R6000HF       |
|         | THRTL-3-430     | Polyester | Clear  | 21.00              | 129.00              | 24.00                    | 133.35                 | 81.00            | 3              | 3000               | R6000HF       |
|         | THRTL-4-430     | Polyester | Clear  | 37.00              | 21.00               | 40.00                    | 24.25                  | 89.00            | 2              | 2000               | R6000HF       |
|         | THRTL-5-430     | Polyester | Clear  | 39.00              | 5.00                | —                        | 7.94                   | 51.00            | 1              | 1000               | R6000HF       |
|         | THRTL-6-430     | Polyester | Clear  | 49.00              | 11.00               | —                        | 14.11                  | 61.00            | 1              | 1000               | R6000HF       |

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## COLOURED NYLON WIRE AND CABLE TIES

Perfect for colour coded applications.

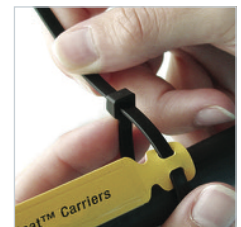


### Black

| Order Ref.        | Colour | Width (mm) | Height (mm) | Quantity |
|-------------------|--------|------------|-------------|----------|
| NYTIE-2.2x75-BK   | Black  | 2.20       | 75.00       | 100      |
| NYTIE-2.5x98-BK   | Black  | 2.50       | 98.00       | 100      |
| NYTIE-2.5x135-BK  | Black  | 2.50       | 135.00      | 100      |
| NYTIE-2.6x160-BK  | Black  | 2.60       | 160.00      | 100      |
| NYTIE-2.6x200-BK  | Black  | 2.60       | 200.00      | 100      |
| NYTIE-3.5x140-BK  | Black  | 3.50       | 140.00      | 100      |
| NYTIE-3.5x200-BK  | Black  | 3.50       | 200.00      | 100      |
| NYTIE-3.5x290-BK  | Black  | 3.50       | 290.00      | 100      |
| NYTIE-3.5x370-BK  | Black  | 3.50       | 370.00      | 100      |
| NYTIE-4.5x120-BK  | Black  | 4.50       | 120.00      | 100      |
| NYTIE-4.5x160-BK  | Black  | 4.50       | 160.00      | 100      |
| NYTIE-4.5x200-BK  | Black  | 4.50       | 200.00      | 100      |
| NYTIE-4.5x290-BK  | Black  | 4.50       | 290.00      | 100      |
| NYTIE-4.5x360-BK  | Black  | 4.50       | 360.00      | 100      |
| NYTIE-4.5x430-BK  | Black  | 4.50       | 430.00      | 100      |
| NYTIE-4.8x178-BK  | Black  | 4.80       | 178.00      | 100      |
| NYTIE-4.8x250-BK  | Black  | 4.80       | 250.00      | 100      |
| NYTIE-4.8x390-BK  | Black  | 4.80       | 390.00      | 100      |
| NYTIE-7.5x365-BK  | Black  | 7.50       | 365.00      | 100      |
| NYTIE-7.5x450-BK  | Black  | 7.50       | 450.00      | 100      |
| NYTIE-7.5x540-BK  | Black  | 7.50       | 540.00      | 100      |
| NYTIE-7.5x750-BK  | Black  | 7.50       | 750.00      | 100      |
| NYTIE-7.8x240-BK  | Black  | 7.80       | 240.00      | 100      |
| NYTIE-7.8x300-BK  | Black  | 7.80       | 300.00      | 100      |
| NYTIE-9x780-BK    | Black  | 9.00       | 780.00      | 100      |
| NYTIE-12.5x500-BK | Black  | 12.50      | 500.00      | 50       |
| NYTIE-12.5x720-BK | Black  | 12.50      | 720.00      | 50       |
| NYTIE-12.5x850-BK | Black  | 12.50      | 850.00      | 50       |

### Natural

| Order Ref.         | Colour  | Width (mm) | Height (mm) | Quantity |
|--------------------|---------|------------|-------------|----------|
| NYTIE-2.5x98-NT    | Natural | 2.50       | 98.00       | 100      |
| NYTIE-2.5x135-NT   | Natural | 2.50       | 135.00      | 100      |
| NYTIE-2.6x160-NT   | Natural | 2.60       | 160.00      | 100      |
| NYTIE-2.6x200-NT   | Natural | 2.60       | 200.00      | 100      |
| NYTIE-3.5x140-NT   | Natural | 3.50       | 140.00      | 100      |
| NYTIE-3.5x200-NT   | Natural | 3.50       | 200.00      | 100      |
| NYTIE-3.5x290-NT   | Natural | 3.50       | 290.00      | 100      |
| NYTIE-3.5x370-NT   | Natural | 3.50       | 370.00      | 100      |
| NYTIE-4.5x160-NT   | Natural | 4.50       | 160.00      | 100      |
| NYTIE-4.5x290-NT   | Natural | 4.50       | 290.00      | 100      |
| NYTIE-4.5x360-NT   | Natural | 4.50       | 360.00      | 100      |
| NYTIE-4.5x430-NT   | Natural | 4.50       | 430.00      | 100      |
| NYTIE-4.8x178-NT   | Natural | 4.80       | 178.00      | 100      |
| NYTIE-4.8x200-NT   | Natural | 4.80       | 200.00      | 100      |
| NYTIE-4.8x250-NT   | Natural | 4.80       | 250.00      | 100      |
| NYTIE-4.8x390-NT   | Natural | 4.80       | 390.00      | 100      |
| NYTIE-7.5x365-NT   | Natural | 7.50       | 365.00      | 100      |
| NYTIE-7.5x450-NT   | Natural | 7.50       | 450.00      | 100      |
| NYTIE-7.5x540-NT   | Natural | 7.50       | 540.00      | 100      |
| NYTIE-7.5x750-NT   | Natural | 7.50       | 750.00      | 100      |
| NYTIE-7.8x240-NT   | Natural | 7.80       | 240.00      | 100      |
| NYTIE-7.8x300-NT   | Natural | 7.80       | 300.00      | 100      |
| NYTIE-9x780-NT     | Natural | 9.00       | 780.00      | 100      |
| NYTIE-12.5x500-NT  | Natural | 12.50      | 500.00      | 50       |
| NYTIE-12.5x720-NT  | Natural | 12.50      | 720.00      | 50       |
| NYTIE-12.5x850-NT  | Natural | 12.50      | 850.00      | 50       |
| NYTIE-12.5x1000-NT | Natural | 12.50      | 1000.00     | 50       |



### Blue

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5x98-BL  | Blue   | 2.50       | 98.00       | 100      |
| NYTIE-3.6x140-BL | Blue   | 3.60       | 140.00      | 100      |
| NYTIE-3.6x200-BL | Blue   | 3.60       | 200.00      | 100      |
| NYTIE-4.8x200-BL | Blue   | 4.80       | 200.00      | 100      |
| NYTIE-4.8x290-BL | Blue   | 4.80       | 290.00      | 100      |

### Red

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5x98-RD  | Red    | 2.50       | 98.00       | 100      |
| NYTIE-3.6x140-RD | Red    | 3.60       | 140.00      | 100      |
| NYTIE-3.6x200-RD | Red    | 3.60       | 200.00      | 100      |
| NYTIE-4.8x200-RD | Red    | 4.80       | 200.00      | 100      |
| NYTIE-4.8x290-RD | Red    | 4.80       | 290.00      | 100      |



Nylon wire and cable ties can be used with a large variety of Brady cable tags.

### Green

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5x98-GN  | Green  | 2.50       | 98.00       | 100      |
| NYTIE-3.6x140-GN | Green  | 3.60       | 140.00      | 100      |
| NYTIE-3.6x200-GN | Green  | 3.60       | 200.00      | 100      |
| NYTIE-4.8x200-GN | Green  | 4.80       | 200.00      | 100      |
| NYTIE-4.8x290-GN | Green  | 4.80       | 290.00      | 100      |

### Yellow

| Order Ref.       | Colour | Width (mm) | Height (mm) | Quantity |
|------------------|--------|------------|-------------|----------|
| NYTIE-2.5x98-YL  | Yellow | 2.50       | 98.00       | 100      |
| NYTIE-3.5x200-YL | Yellow | 3.50       | 200.00      | 100      |
| NYTIE-3.6x140-YL | Yellow | 3.60       | 140.00      | 100      |
| NYTIE-4.8x200-YL | Yellow | 4.80       | 200.00      | 100      |
| NYTIE-4.8x290-YL | Yellow | 4.80       | 290.00      | 100      |

# Wire and Cable Materials



## STAINLESS STEEL WIRE AND CABLE TIES AND TAGS

Stainless steel tags and ties provide the highest performance option available for identifying cables and wires in the harshest environments. This durable material can withstand heat, UV, humidity and salt fog. In addition, it offers excellent resistance to oil and harsh chemicals such as skydrol, motor oil and gasoline.

### Stainless Steel Tags

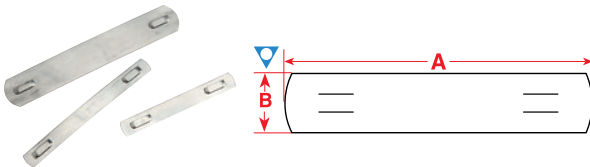
Stainless steel cable tags are made out of stainless steel 316 and are resistant to aggressive environments and temperatures up to 920°C.

- Can be laser engraved or embossed with any standard text, including serialisation
- Available in various widths and heights
- Available in blank stock, or factory-customised versions

### Stainless Steel Ties

Extremely durable cable ties are available in grade 316 for almost any aggressive environment.

## STAINLESS STEEL TAGS



| Diagram                                                     | Order Reference  | Width (mm) | Height (mm) | Printable Area Width (mm) | Quantity / Package |
|-------------------------------------------------------------|------------------|------------|-------------|---------------------------|--------------------|
| Blank Stainless Steel Cable Tag - Stainless Steel Grade 316 |                  |            |             |                           |                    |
|                                                             | SSTAG-7010-7316  | 70.00      | 10.00       | 50.00                     | 100                |
|                                                             | SSTAG-7013-7316  | 70.00      | 13.00       | 50.00                     | 100                |
|                                                             | SSTAG-9010-7316  | 90.00      | 10.00       | 70.00                     | 100                |
|                                                             | SSTAG-9013-7316  | 90.00      | 13.00       | 70.00                     | 100                |
|                                                             | SSTAG-11010-7316 | 110.00     | 10.00       | 80.00                     | 100                |
|                                                             | SSTAG-11013-7316 | 110.00     | 13.00       | 80.00                     | 100                |

Customs available on request

## STAINLESS STEEL TIES



| Order Reference                                              | Width (mm) | Height (mm) | Quantity / Package |
|--------------------------------------------------------------|------------|-------------|--------------------|
| Stainless Steel Cable Tie - Stainless Steel Grade 316        |            |             |                    |
| SSTIE-127-7316                                               | 4.60       | 130.00      | 100                |
| SSTIE-201-7316                                               | 4.60       | 201.00      | 100                |
| SSTIE-300-7316                                               | 4.60       | 300.00      | 100                |
| SSTIE-370-7316                                               | 4.60       | 370.00      | 100                |
| SSTIE-520-7316                                               | 4.60       | 520.00      | 100                |
| SSTIE-150-7316-HD                                            | 7.90       | 150.00      | 100                |
| SSTIE-201-7316-HD                                            | 7.90       | 201.00      | 100                |
| SSTIE-300-7316-HD                                            | 7.90       | 300.00      | 100                |
| SSTIE-370-7316-HD                                            | 7.90       | 370.00      | 100                |
| SSTIE-520-7316-HD                                            | 7.90       | 520.00      | 100                |
| SSTIE-840-7316-HD                                            | 7.90       | 840.00      | 100                |
| Stainless Steel Coated Cable Tie - Stainless Steel Grade 316 |            |             |                    |
| SSTIEC-201-7316                                              | 4.60       | 201.00      | 100                |
| SSTIEC-370-7316                                              | 4.60       | 370.00      | 100                |
| SSTIEC-201-7316-HD                                           | 7.90       | 201.00      | 100                |
| SSTIEC-362-7316-HD                                           | 7.90       | 362.00      | 100                |
| SSTIEC-520-7316-HD                                           | 7.90       | 520.00      | 100                |

Suffix HD refers to ties 7.9mm wide.

## CABLE TIE TOOLS



| Order Reference | Description               | Quantity / Package |
|-----------------|---------------------------|--------------------|
| JV-4580         | Heavy Duty Cable Tie Tool | 1                  |
| JV-4580MG       | Stainless Steel Tool      | 1                  |

## DURASLEEVE™ WIRE MARKER

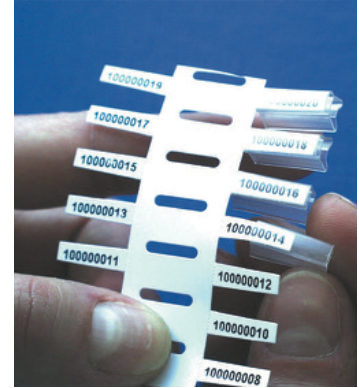
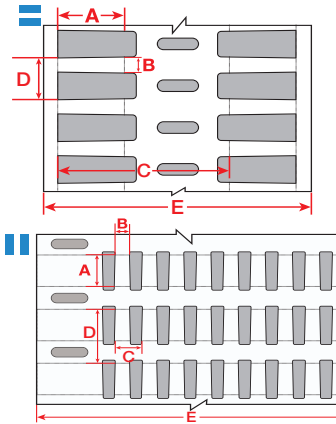
The DuraSleeve markers consist of two components: a transparent tube (carrier) with a label pocket and an insert to slide into the pocket. Your text is at all times protected by the tube and can easily be replaced. Print the inserts on a Brady printer to ensure clean crisp readable legends every time.

### B-7696 DURASLEEVE VINYL TAG MATERIAL

Colour: White, Yellow

Finish: Gloss

Brady DuraSleeve printable inserts create a durable legend. The rigid construction of the DuraSleeve wire marking system provides inserts that can easily be inserted into a clean carrier. The legend can be changed before or after termination.



| Diagram | Order Reference       | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Vertical Repeat D (mm) | Web Width E (mm) | Labels per Row | Labels per Package | Ribbon Series  |
|---------|-----------------------|-----------|--------|--------------------|---------------------|--------------------------|------------------------|------------------|----------------|--------------------|----------------|
| II      | THTRDS-10x4,4-7696    | Vinyl Tag | White  | 10.00              | 4.40                | 8.32                     | 16.93                  | 84.60            | 8              | 8000               | R7964, R6000HF |
| II      | THTRDS-12x4,4-7696    | Vinyl Tag | White  | 12.00              | 4.40                | 8.32                     | 18.14                  | 84.17            | 8              | 8000               | R7964, R6000HF |
| II      | THTRDS-16x4,4-7696    | Vinyl Tag | White  | 16.00              | 4.40                | 8.32                     | 22.22                  | 84.17            | 8              | 6000               | R7964, R6000HF |
| II      | THTRDS-16x4,4-7696-YL | Vinyl Tag | Yellow | 16.00              | 4.40                | 8.32                     | 22.22                  | 84.17            | 8              | 10000              | R7964, R6000HF |
| III     | BPTRDS-16x4,4-7696    | Vinyl Tag | White  | 16.00              | 4.40                | 36.00                    | 10.92                  | 68.00            | 2              | 5000               | R7964, R6000HF |
| III     | BPTRDS-16x4,4-7696-YL | Vinyl Tag | Yellow | 16.00              | 4.40                | 36.00                    | 10.92                  | 68.00            | 2              | 5000               | R7964, R6000HF |
| II      | THTRDS-23x4,4-7696    | Vinyl Tag | White  | 23.00              | 4.40                | 8.32                     | 29.21                  | 84.13            | 8              | 4000               | R7964, R6000HF |
| II      | THTRDS-30x4,4-7696    | Vinyl Tag | White  | 30.00              | 4.40                | 8.32                     | 36.11                  | 84.17            | 8              | 4000               | R7964, R6000HF |
| II      | THTRDS-30x4,4-7696-YL | Vinyl Tag | Yellow | 30.00              | 4.40                | 8.32                     | 36.11                  | 84.17            | 8              | 10000              | R7964, R6000HF |
| III     | BPTRDS-30x4,4-7696    | Vinyl Tag | White  | 30.00              | 4.40                | 61.00                    | 10.92                  | 96.00            | 2              | 5000               | R7964, R6000HF |
| III     | BPTRDS-30x4,4-7696-YL | Vinyl Tag | Yellow | 30.00              | 4.40                | 61.00                    | 10.92                  | 96.00            | 2              | 5000               | R7964, R6000HF |

## DURASLEEVE TAG CARRIER

DuraSleeve tag carriers are produced in transparent PVC. The special shape of the carrier allows it to adapt to cables of various diameters. There are several sizes of carriers which cater for cables with external diameters from 1.30 mm up to 15 mm.

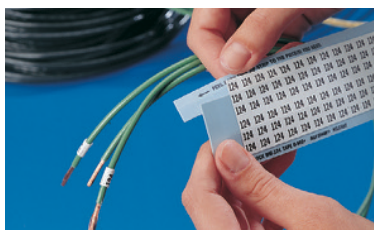
- Temperature range: -40 °C to 60 °C
- Material: PVC

Please contact your local Brady representative to identify and select the most appropriate carrier for your individual application.





# Pre-Printed Wire Markers



## PRE-PRINTED WIRE MARKERS MATERIALS CHART

Brady's exclusive ZipStrip® release card lets you easily remove the markers you need, when you need them.

| Brady Material No. | Material              | Temp (°C) (Tested for 30 days) | Colour          | Finish     | Use                                          | Additional Information                                                       |
|--------------------|-----------------------|--------------------------------|-----------------|------------|----------------------------------------------|------------------------------------------------------------------------------|
| B-12               | Acetate Cloth         | 105 °C                         | Black on White  | Matt       | Wire marker for varnish dip or baking cycles | Oil and heat resistant                                                       |
| B-184              | Aluminium Foil        | 130 °C                         | Black on Silver | Matt       | Permanent debossed marking                   | Heat, oil, solvent and abrasion resistant                                    |
| B-292              | Self-laminating Vinyl | 70 °C                          | Black on White  | Matt       | Machine tool, flat ribbon, and wire marking  | Conformable, durable; oil, water and mild solvent resistant                  |
| B-500              | Vinyl Cloth           | 80 °C                          | Black on White  | Matt       | All-purpose marker                           | Moderate heat, oil and dirt resistance; high adhesion                        |
| B-702              | Vinyl                 | 100 °C                         | Black on White  | Gloss      | Vinyl coated; machine tool labelling         | Oil and mild solvent resistant; high adhesion                                |
| B-708              | Vinyl                 | 70 °C                          | Black on White  | Semi-gloss | Indoor/Outdoor cable marking                 | Conformable, durable; oil, water and mild solvent resistant; self-laminating |



### Reference Explanation

Most Brady references for Pre-Printed Wire Markers follow the same format: The first code indicates the Brady product, the second legend indicates the marker's legend and a third code indicates a package of 25 cards.

**WM**

Brady  
Wire Marker Card

-

**5**

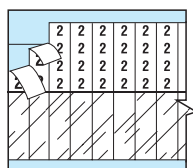
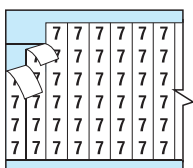
Legend reads  
"5"

-

**PK**

Quantity

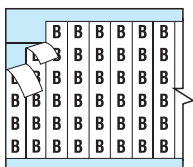
## WIRE MARKER CARDS



### Solid Numbers, Self-Laminating Solid Numbers

| Legend            | B-500 Vinyl Cloth | B-702 Vinyl       | B-184 Aluminium Foil | B-12 Acetate Cloth | B-292 Self-laminating Vinyl | Width (mm) | Height (mm) | Labels/Card |
|-------------------|-------------------|-------------------|----------------------|--------------------|-----------------------------|------------|-------------|-------------|
| 0                 | WM-0-PK           | TWM-0-PK          | AF-0-PK              | HH-0-PK            | SLF-0-PK                    | 6.35       | 38.00       | 36          |
| 1                 | WM-1-PK           | TWM-1-PK          | AF-1-PK              | HH-1-PK            | SLF-1-PK                    | 6.35       | 38.00       | 36          |
| 2                 | WM-2-PK           | TWM-2-PK          | AF-2-PK              | HH-2-PK            | SLF-2-PK                    | 6.35       | 38.00       | 36          |
| and so on through | and so on through | and so on through | and so on through    | and so on through  | SLF-3-PK                    | 6.35       | 38.00       | 36          |
| 11                | WM-11-PK          | TWM-11-PK         | AF-11-PK             | HH-9-PK            | -                           | 6.35       | 38.00       | 36          |
| 12                | WM-12-PK          | -                 | AF-12-PK             | -                  | -                           | 6.35       | 38.00       | 36          |
| and so on through | and so on through | -                 | and so on through    | -                  | -                           | 6.35       | 38.00       | 36          |
| 50                | WM-50-PK          | -                 | AF-50-PK             | -                  | -                           | 6.35       | 38.00       | 36          |
| and so on through | and so on through | -                 | -                    | -                  | -                           | 6.35       | 38.00       | 36          |
| 125               | WM-125-PK         | -                 | -                    | -                  | -                           | 6.35       | 38.00       | 25          |

38 mm suitable for cable diameter < 12 mm - 36 markers/card up to No.99 and 25 markers/card from No. 100 onwards - pack contains 25 cards



### Solid Letters - Upper Case

| Legend            | B-500 Vinyl Cloth | B-702 Vinyl       | B-184 Aluminium Foil | B-12 Acetate Cloth | Width (mm) | Height (mm) | Labels/Card |
|-------------------|-------------------|-------------------|----------------------|--------------------|------------|-------------|-------------|
| A                 | WM-A-PK           | TWM-A-PK          | AF-A-PK              | HH-A-PK            | 6.35       | 38.00       | 36          |
| B                 | WM-B-PK           | TWM-B-PK          | AF-B-PK              | HH-B-PK            | 6.35       | 38.00       | 36          |
| C                 | WM-C-PK           | TWM-C-PK          | AF-C-PK              | HH-C-PK            | 6.35       | 38.00       | 36          |
| and so on through | and so on through | and so on through | and so on through    | and so on through  | 6.35       | 38.00       | 36          |
| Z                 | WM-Z-PK           | TWM-Z-PK          | AF-Z-PK              | HH-Z-PK            | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

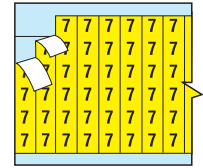
View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## WIRE MARKER CARDS

### Solid Numbers on Coloured Background

| Legend            | White on Red | Black on Yellow   | Black on Blue | White on Green | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|--------------|-------------------|---------------|----------------|------------|-------------|--------------|
| B-500 Vinyl Cloth |              |                   |               |                |            |             |              |
| 0                 | WM-0-RD-PK   | WM-0-YL-PK        | WM-0-BL-PK    | WM-0-GR-PK     | 6.35       | 38.00       | 36           |
| 1                 | WM-1-RD-PK   | WM-1-YL-PK        | WM-1-BL-PK    | WM-1-GR-PK     | 6.35       | 38.00       | 36           |
| 2                 | WM-2-RD-PK   | WM-2-YL-PK        | WM-2-BL-PK    | WM-2-GR-PK     | 6.35       | 38.00       | 36           |
| 3                 | -            | WM-3-YL-PK        | WM-3-BL-PK    | WM-3-GR-PK     | 6.35       | 38.00       | 36           |
| 4                 | -            | WM-4-YL-PK        | -             | WM-4-GR-PK     | 6.35       | 38.00       | 36           |
| 5                 | WM-5-RD-PK   | WM-5-YL-PK        | -             | WM-5-GR-PK     | 6.35       | 38.00       | 36           |
| and so on through | -            | and so on through | -             | -              | 6.35       | 38.00       | 36           |
| 30                | -            | WM-30-YL-PK       | -             | -              | 6.35       | 38.00       | 36           |

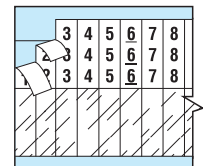
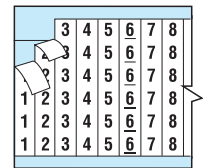
38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Consecutive Numbers, Self-Laminating Consecutive Numbers

| Legend            | B-500 Vinyl Cloth | B-702 Vinyl  | B-184 Aluminium Foil | B-12 Acetate Cloth | B-292 Self-laminating Vinyl | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|-------------------|--------------|----------------------|--------------------|-----------------------------|------------|-------------|--------------|
| 1-33              | WM-1-33-PK        | TWM-1-33-PK  | AF-1-33-PK           | HH-1-33-PK         | SLF-1-33-PK                 | 6.35       | 38.00       | 33           |
| 34-66             | WM-34-66-PK       | TWM-34-66-PK | AF-34-66-PK          | HH-34-66-PK        | SLF-34-66-PK                | 6.35       | 38.00       | 33           |
| 67-99             | WM-67-99-PK       | TWM-67-99-PK | AF-67-99-PK          | -                  | -                           | 6.35       | 38.00       | 33           |
| 100-124           | WM-100-124-PK     | -            | AF-100-124-PK        | -                  | -                           | 6.35       | 38.00       | 25           |
| 125-149           | WM-125-149-PK     | -            | AF-125-149-PK        | -                  | -                           | 6.35       | 38.00       | 25           |
| and so on through | and so on through | -            | and so on through    | -                  | -                           | 6.35       | 38.00       | 25           |
| 200-224           | WM-200-224-PK     | -            | AF-200-224-PK        | -                  | -                           | 6.35       | 38.00       | 25           |
| and so on through | and so on through | -            | -                    | -                  | -                           | 6.35       | 38.00       | 25           |
| 975-999           | WM-975-999-PK     | -            | -                    | -                  | -                           | 6.35       | 38.00       | 25           |

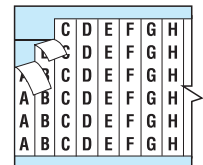
38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Consecutive Letters

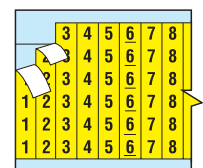
| Legend            | Art. No.      | Width (mm) | Height (mm) | Labels/Card |
|-------------------|---------------|------------|-------------|-------------|
| B-500 Vinyl Cloth |               |            |             |             |
| A-Z               | WM-A-Z-PK     | 6.35       | 38.00       | 26          |
| A-Z,A-J           | WM-A-Z,A-J-PK | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Consecutive Numbers on Coloured Background

| Legend            | White on Red     | Black on Yellow  | Black on Orange | Black on Blue  | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|------------------|------------------|-----------------|----------------|------------|-------------|--------------|
| B-500 Vinyl Cloth |                  |                  |                 |                |            |             |              |
| 1-33              | WM-1-33-RD-PK    | WM-1-33-YL-PK    | WM-1-33-OR-PK   | WM-1-33-BL-PK  | 6.35       | 38.00       | 33           |
| 34-66             | WM-34-66-RD-PK   | WM-34-66-YL-PK   | WM-34-66-OR-PK  | WM-34-66-BL-PK | 6.35       | 38.00       | 33           |
| 67-99             | WM-67-99-RD-PK   | WM-67-99-YL-PK   | WM-67-99-OR-PK  | WM-67-99-BL-PK | 6.35       | 38.00       | 33           |
| 100-124           | WM-100-124-RD-PK | WM-100-124-YL-PK | -               | -              | 6.35       | 38.00       | 25           |



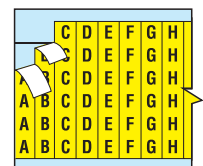
| Legend            | White on Green | White on Brown | White on Black   | Width (mm) | Height (mm) | Labels/ Card |
|-------------------|----------------|----------------|------------------|------------|-------------|--------------|
| B-500 Vinyl Cloth |                |                |                  |            |             |              |
| 1-33              | WM-1-33-GR-PK  | WM-1-33-BR-PK  | WM-1-33-BK-PK    | 6.35       | 38.00       | 33           |
| 34-66             | WM-34-66-GR-PK | WM-34-66-BR-PK | WM-34-66-BK-PK   | 6.35       | 38.00       | 33           |
| 67-99             | WM-67-99-GR-PK | WM-67-99-BR-PK | WM-67-99-BK-PK   | 6.35       | 38.00       | 33           |
| 100-124           | -              | -              | WM-100-124-BK-PK | 6.35       | 38.00       | 25           |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

### Consecutive Letters On Coloured Background

| Legend            | White on Red  | Black on Yellow | Width (mm) | Height (mm) | Labels/Card |
|-------------------|---------------|-----------------|------------|-------------|-------------|
| B-500 Vinyl Cloth |               |                 |            |             |             |
| A-Z               | WM-1-33-RD-PK | WM-1-33-YL-PK   | 6.35       | 38.00       | 26          |

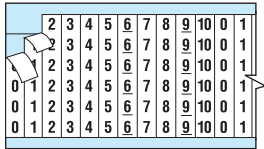
38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

# Pre-Printed Wire Markers

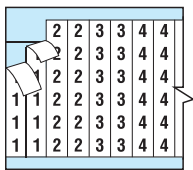
## WIRE MARKER CARDS



### Consecutive Numers Repeated

| Legend                      | Art. No.    | Width (mm) | Height (mm) | Sequences per Card | Labels/Card |
|-----------------------------|-------------|------------|-------------|--------------------|-------------|
| <b>B-500 Vinyl Cloth</b>    |             |            |             |                    |             |
| 1-3                         | WM-1-3-PK   | 6.35       | 38.00       | 12                 | 36          |
| 1-4                         | WM-1-4-PK   | 6.35       | 38.00       | 9                  | 36          |
| 1-5                         | WM-1-5-PK   | 6.35       | 38.00       | 7                  | 35          |
| 1-6                         | WM-1-6-PK   | 6.35       | 38.00       | 6                  | 36          |
| 1-8                         | WM-1-8-PK   | 6.35       | 38.00       | 4                  | 32          |
| 1-9                         | WM-1-9-PK   | 6.35       | 38.00       | 4                  | 36          |
| 0-9                         | WM-0-9-PK   | 6.35       | 38.00       | 3                  | 30          |
| 1-10                        | WM-1-10-PK  | 6.35       | 38.00       | 3                  | 30          |
| 0-10                        | WM-0-10-PK  | 6.35       | 38.00       | 3                  | 33          |
| 1-12                        | WM-1-12-PK  | 6.35       | 38.00       | 3                  | 36          |
| 1-16                        | WM-1-16-PK  | 6.35       | 38.00       | 2                  | 32          |
| 1-18                        | WM-1-18-PK  | 6.35       | 38.00       | 2                  | 36          |
| 19-36                       | WM-19-36-PK | 6.35       | 38.00       | 2                  | 36          |
| <b>B-184 Aluminium Foil</b> |             |            |             |                    |             |
| 1-18                        | AF-1-18-PK  | 6.35       | 38.00       | 2                  | 36          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

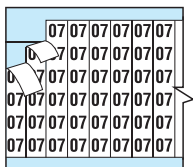


### Consecutive Paired Numbers

Use to mark both ends of wire with the same legend, fast and easy from the same dispenser card.

| Legend                   | Art. No.       | Width (mm) | Height (mm) | Sequences per Card | Labels/Card |
|--------------------------|----------------|------------|-------------|--------------------|-------------|
| <b>B-500 Vinyl Cloth</b> |                |            |             |                    |             |
| 1-16                     | WM-1-16-DC-PK  | 6.35       | 38.00       | 2                  | 32          |
| 17-32                    | WM-17-32-DC-PK | 6.35       | 38.00       | 2                  | 32          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

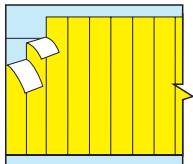


### Suffix Numbers

Use to extend numbering codes or to make up other combinations of numbers or alpha-numeric codes.

| Legend                   | Art. No.   | Width (mm) | Height (mm) | Labels/Card |
|--------------------------|------------|------------|-------------|-------------|
| <b>B-500 Vinyl Cloth</b> |            |            |             |             |
| 00                       | WM-00-S-PK | 6.35       | 38.00       | 36          |
| and so on through        |            |            |             |             |
| 09                       | WM-09-S-PK | 6.35       | 38.00       | 36          |

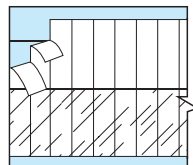
38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Solid NEMA Colours

| Colour      | B-500 Vinyl Cloth | B-702 Vinyl   | Width (mm) | Height (mm) | Labels/Card |
|-------------|-------------------|---------------|------------|-------------|-------------|
| Red         | WM-COL-RD-PK      | TWM-COL-RD-PK | 6.35       | 38.00       | 36          |
| Yellow      | WM-COL-YL-PK      | TWM-COL-YL-PK | 6.35       | 38.00       | 36          |
| Light Blue  | WM-COL-LB-PK      | TWM-COL-LB-PK | 6.35       | 38.00       | 36          |
| Dark Blue   | WM-COL-DB-PK      | TWM-COL-DB-PK | 6.35       | 38.00       | 36          |
| Light Green | WM-COL-LG-PK      | TWM-COL-LG-PK | 6.35       | 38.00       | 36          |
| Dark Green  | WM-COL-DG-PK      | -             | 6.35       | 38.00       | 36          |
| White       | WM-COL-WT-PK      | TWM-COL-WT-PK | 6.35       | 38.00       | 36          |
| Black       | WM-COL-BK-PK      | TWM-COL-BK-PK | 6.35       | 38.00       | 36          |
| Tan         | WM-COL-TN-PK      | TWM-COL-TN-PK | 6.35       | 38.00       | 36          |
| Brown       | WM-COL-BR-PK      | TWM-COL-BR-PK | 6.35       | 38.00       | 36          |
| Orange      | WM-COL-OR-PK      | -             | 6.35       | 38.00       | 36          |
| Pink        | WM-COL-PK-PK      | TWM-COL-PK-PK | 6.35       | 38.00       | 36          |
| Grey        | WM-COL-GY-PK      | -             | 6.35       | 38.00       | 36          |
| Maroon      | WM-COL-MR-PK      | TWM-COL-MR-PK | 6.35       | 38.00       | 36          |
| Purple      | WM-COL-PL-PK      | -             | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - pack contains 25 cards



### Self-Laminating Write-On Wire Markers

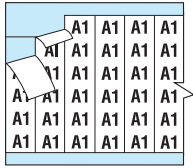
| Art. No.                           | Width (mm) | Height (mm) | Write-on Area Width (mm) | Write-on Area Height (mm) | Labels/Card |
|------------------------------------|------------|-------------|--------------------------|---------------------------|-------------|
| <b>B-292 Self-laminating Vinyl</b> |            |             |                          |                           |             |
| SLHW-250-PK                        | 6.35       | 19.00       | 6.35                     | 9.53                      | 72          |
| SLHW-500-PK                        | 12.54      | 19.00       | 12.54                    | 9.53                      | 36          |
| SLHW-750-PK                        | 19.05      | 19.00       | 19.05                    | 9.53                      | 24          |
| SLFW-250-PK                        | 6.35       | 38.00       | 6.35                     | 19.05                     | 36          |
| SLFW-344-PK                        | 8.74       | 38.00       | 8.74                     | 19.05                     | 26          |
| SLFW-500-PK                        | 12.70      | 38.00       | 12.70                    | 19.05                     | 18          |
| SLFW-750-PK                        | 19.05      | 38.00       | 19.05                    | 19.05                     | 12          |
| SLFW-100-PK                        | 25.40      | 38.00       | 25.40                    | 19.05                     | 9           |

19 mm suitable for cable diameter 4 to 6.5 and 38 mm suitable for cable diameter < 12 mm - pack contains 25 cards

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## WIRE MARKER CARDS

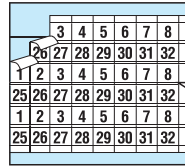
### Solid Letters and Numbers - Conduit Markers



| Legend            | Art. No. | Width (mm) | Height (mm) | Labels/Card |
|-------------------|----------|------------|-------------|-------------|
| B-500 Vinyl Cloth |          |            |             |             |
| A1                | WM-A1-PK | 6.35       | 38.00       | 36          |
| A2                | WM-A2-PK | 6.35       | 38.00       | 36          |
| A3                | WM-A3-PK | 6.35       | 38.00       | 36          |
| B5                | WM-B5-PK | 6.35       | 38.00       | 36          |
| L1                | WM-L1-PK | 6.35       | 38.00       | 36          |
| L2                | WM-L2-PK | 6.35       | 38.00       | 36          |
| L3                | WM-L3-PK | 6.35       | 38.00       | 36          |
| T1                | WM-T1-PK | 6.35       | 38.00       | 36          |
| T2                | WM-T2-PK | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - Pack contains 25 cards

### Terminal Markers



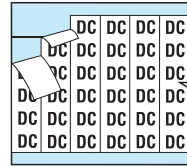
| Legend            | Art. No.       | Width (mm) | Height (mm) | Labels/Card |
|-------------------|----------------|------------|-------------|-------------|
| B-500 Vinyl Cloth |                |            |             |             |
| 1-48              | WM-1-48-TM-PK  | 8.00       | 5.00        | 144         |
| 49-96             | WM-49-96-TM-PK | 8.00       | 5.00        | 144         |
| A-Z               | WM-A-Z-TM-PK   | 8.00       | 5.00        | 156         |

Terminal Markers have no "I" or "O" - 38 mm suitable for cable diameter < 12 mm  
- Pack contains 25 cards

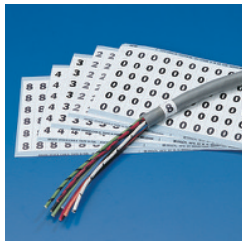
### Solid Symbols - Miscellaneous

| Legend            | Art. No.   | Width (mm) | Height (mm) | Labels/Card |
|-------------------|------------|------------|-------------|-------------|
| B-500 Vinyl Cloth |            |            |             |             |
| 24V               | WM-24V-PK  | 9.14       | 38.00       | 25          |
| AC                | WM-AC-PK   | 6.35       | 38.00       | 36          |
| DC                | WM-DC-PK   | 6.35       | 38.00       | 36          |
| GRD               | WM-GRD-PK  | 9.14       | 38.00       | 25          |
| ⏏                 | WM-GRS-PK  | 6.35       | 38.00       | 36          |
| -                 | WM-MIN-PK  | 6.35       | 38.00       | 36          |
| +                 | WM-PLS-PK  | 6.35       | 38.00       | 36          |
| B-702 Vinyl       |            |            |             |             |
| -                 | TWM-MIN-PK | 6.35       | 38.00       | 36          |
| +                 | TWM-PLS-PK | 6.35       | 38.00       | 36          |

38 mm suitable for cable diameter < 12 mm - Pack contains 25 cards

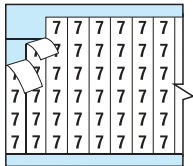


## CABLE MARKER CARDS



Standard 101.6 mm x 228.6 mm cards provide markers for cables, multi-wire circuits, even conductors and tubing in hydraulic systems. Markers are 89 mm long.

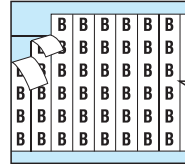
### Solid Numbers



| Legend      | Art. No. | Width (mm) | Height (mm) | Labels/Card |
|-------------|----------|------------|-------------|-------------|
| B-708 Vinyl |          |            |             |             |
| 0           | CAB-0-PK | 12.70      | 89.00       | 18          |
| 1           | CAB-1-PK | 12.70      | 89.00       | 18          |
| 2           | CAB-2-PK | 12.70      | 89.00       | 18          |
| 3           | CAB-3-PK | 12.70      | 89.00       | 18          |
| 4           | CAB-4-PK | 12.70      | 89.00       | 18          |
| 5           | CAB-5-PK | 12.70      | 89.00       | 18          |
| 6           | CAB-6-PK | 12.70      | 89.00       | 18          |
| 7           | CAB-7-PK | 12.70      | 89.00       | 18          |
| 8           | CAB-8-PK | 12.70      | 89.00       | 18          |
| 9           | CAB-9-PK | 12.70      | 89.00       | 18          |

Pack contains 25 cards

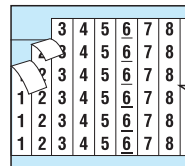
### Solid Letters



| Legend      | Art. No. | Width (mm) | Height (mm) | Labels/Card |
|-------------|----------|------------|-------------|-------------|
| B-708 Vinyl |          |            |             |             |
| A           | CAB-A-PK | 12.70      | 89.00       | 18          |
| B           | CAB-B-PK | 12.70      | 89.00       | 18          |
| C           | CAB-C-PK | 12.70      | 89.00       | 18          |
| D           | CAB-D-PK | 12.70      | 89.00       | 18          |
| E           | CAB-E-PK | 12.70      | 89.00       | 18          |
| F           | CAB-F-PK | 12.70      | 89.00       | 18          |
| N           | CAB-N-PK | 12.70      | 89.00       | 18          |

Pack contains 25 cards

### Consecutive Numbers



| Legend      | Art. No.   | Width (mm) | Height (mm) | Labels/Card |
|-------------|------------|------------|-------------|-------------|
| B-708 Vinyl |            |            |             |             |
| 1-9         | CAB-1-9-PK | 12.70      | 89.00       | 18          |

Two sets of legends per card - Pack contains 25 cards

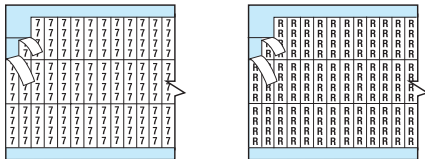
View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



# Pre-Printed Wire Markers

## MINIATURE WIRE MARKER CARDS

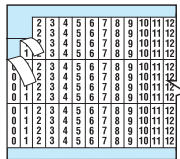
### Solid Numbers, Solid letters



| Legend             | Art. No.          | Width (mm) | Height (mm) | Labels/ Card |
|--------------------|-------------------|------------|-------------|--------------|
| <b>B-702 Vinyl</b> |                   |            |             |              |
| 0                  | TMM-0-PK          | 4.35       | 12.70       | 150          |
| 1                  | TMM-1-PK          | 4.35       | 12.70       | 150          |
| 2                  | TMM-2-PK          | 4.35       | 12.70       | 150          |
| 3                  | TMM-3-PK          | 4.35       | 12.70       | 150          |
| and so on through  | and so on through | —          | —           | —            |
| 40                 | TMM-40-PK         | 4.35       | 12.70       | 150          |
| A                  | TMM-A-PK          | 4.35       | 12.70       | 150          |
| B                  | TMM-B-PK          | 4.35       | 12.70       | 150          |
| C                  | TMM-C-PK          | 4.35       | 12.70       | 150          |
| and so on through  | and so on through | —          | —           | —            |
| Z                  | TMM-Z-PK          | 4.35       | 12.70       | 150          |

Pack contains 25 cards

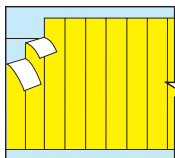
### Consecutive Numbers



| Legend             | Art. No.       | Width (mm) | Height (mm) | Quantity of Each Number per Card | Labels/ Card |
|--------------------|----------------|------------|-------------|----------------------------------|--------------|
| <b>B-702 Vinyl</b> |                |            |             |                                  |              |
| 0-49               | TMM-0-49-PK    | 4.35       | 12.70       | 3                                | 150          |
| 50-99              | TMM-50-99-PK   | 4.35       | 12.70       | 3                                | 150          |
| 100-132            | TMM-100-132-PK | 4.35       | 12.70       | 3                                | 99           |
| 133-165            | TMM-133-165-PK | 4.35       | 12.70       | 3                                | 99           |
| 166-198            | TMM-166-198-PK | 4.35       | 12.70       | 3                                | 99           |
| 199-231            | TMM-199-231-PK | 4.35       | 12.70       | 3                                | 99           |
| 232-264            | TMM-232-264-PK | 4.35       | 12.70       | 3                                | 99           |
| 265-297            | TMM-265-297-PK | 4.35       | 12.70       | 3                                | 99           |
| 298-330            | TMM-298-330-PK | 4.35       | 12.70       | 3                                | 99           |
| 331-363            | TMM-331-363-PK | 4.35       | 12.70       | 3                                | 99           |
| 364-396            | TMM-364-396-PK | 4.35       | 12.70       | 3                                | 99           |
| 397-429            | TMM-397-429-PK | 4.35       | 12.70       | 3                                | 99           |
| 430-462            | TMM-430-462-PK | 4.35       | 12.70       | 3                                | 99           |
| 463-495            | TMM-463-495-PK | 4.35       | 12.70       | 3                                | 99           |

Pack contains 25 cards

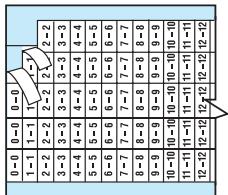
### Solid Nema Colours



| Colour             | Art. No.      | Width (mm) | Height (mm) | Labels/Card |
|--------------------|---------------|------------|-------------|-------------|
| <b>B-702 Vinyl</b> |               |            |             |             |
| Red                | TMM-COL-RD-PK | 6.35       | 12.70       | 108         |
| Yellow             | TMM-COL-YL-PK | 6.35       | 12.70       | 108         |
| Light Blue         | TMM-COL-LB-PK | 6.35       | 12.70       | 108         |
| Dark Blue          | TMM-COL-DB-PK | 6.35       | 12.70       | 108         |
| Light Green        | TMM-COL-LG-PK | 6.35       | 12.70       | 108         |
| Dark Green         | TMM-COL-DG-PK | 6.35       | 12.70       | 108         |
| White              | TMM-COL-WT-PK | 6.35       | 12.70       | 108         |
| Black              | TMM-COL-BK-PK | 6.35       | 12.70       | 108         |
| Tan                | TMM-COL-TN-PK | 6.35       | 12.70       | 108         |
| Brown              | TMM-COL-BR-PK | 6.35       | 12.70       | 108         |
| Orange             | TMM-COL-OR-PK | 6.35       | 12.70       | 108         |
| Pink               | TMM-COL-PK-PK | 6.35       | 12.70       | 108         |
| Grey               | TMM-COL-GY-PK | 6.35       | 12.70       | 108         |
| Maroon             | TMM-COL-MR-PK | 6.35       | 12.70       | 108         |
| Olive              | TMM-COL-OL-PK | 6.35       | 12.70       | 108         |
| Purple             | TMM-COL-PL-PK | 6.35       | 12.70       | 108         |

Pack contains 25 cards

## MICRO MARKER CARDS



For identification of fine wire (Diameter 0.6 mm and smaller); resists continuous heat to 100° C. Only 56 micron thick. Two numbers on each marker, 250 markers on zip-strip dispenser card. Application tool included in each package.

### Solid Numbers

| Legend             | Art. No.          | Width (mm) | Height (mm) | Labels/ Card |
|--------------------|-------------------|------------|-------------|--------------|
| <b>B-702 Vinyl</b> |                   |            |             |              |
| 0                  | TMXM-0-PK         | 2.54       | 7.95        | 250          |
| 1                  | TMXM-1-PK         | 2.54       | 7.95        | 250          |
| 2                  | TMXM-2-PK         | 2.54       | 7.95        | 250          |
| 3                  | TMXM-3-PK         | 2.54       | 7.95        | 250          |
| 5                  | TMXM-5-PK         | 2.54       | 7.95        | 250          |
| and so on through  | and so on through | —          | —           | —            |
| 13                 | TMXM-13-PK        | 2.54       | 7.95        | 250          |

Pack contains 25 cards

### Consecutive Numbers Repeated

| Legend             | Art. No.      | Width (mm) | Height (mm) | Sequences per Card | Labels/ Card |
|--------------------|---------------|------------|-------------|--------------------|--------------|
| <b>B-702 Vinyl</b> |               |            |             |                    |              |
| 0-49               | TMXM-0-49-PK  | 2.54       | 7.95        | 5                  | 250          |
| 50-99              | TMXM-50-99-PK | 2.54       | 7.95        | 5                  | 250          |
| 1-5                | TMXM-1-5-PK   | 2.54       | 7.95        | 50                 | 250          |
| 1-10               | TMXM-1-10-PK  | 2.54       | 7.95        | 25                 | 250          |
| 1-25               | TMXM-1-25-PK  | 2.54       | 7.95        | 10                 | 250          |

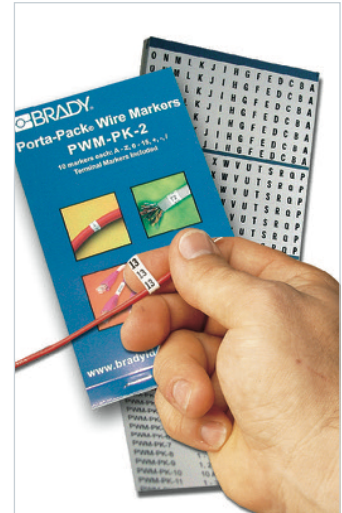
Pack contains 25 cards

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## PORTA PACK BOOKS

- Ten pages per book.
- Unique comb design allows for easy refill of book.
- Slim, lightweight, pocket-sized book is easy to carry and easy to use.
- Large selection of legends available. 15 different books and over 250 different refill packs.
- Numbers, letters, special symbols and NEMA colours.
- Includes terminal marker with each wire marker.

| Legend                                          | Art. No.  | Markers each Legend                                                        |
|-------------------------------------------------|-----------|----------------------------------------------------------------------------|
| <b>B-500 Vinyl Cloth</b>                        |           |                                                                            |
| 0-9                                             | PWM-PK-1  | 45                                                                         |
| A-Z, 0-15, +, -, /                              | PWM-PK-2  | 10                                                                         |
| 1-45                                            | PWM-PK-3  | 10                                                                         |
| 1, 2, 3                                         | PWM-PK-4  | 150                                                                        |
| A, B, C                                         | PWM-PK-5  | 150                                                                        |
| T1, T2, T3                                      | PWM-PK-6  | 150                                                                        |
| L1, L2, L3                                      | PWM-PK-7  | 150                                                                        |
| 1-15, 16-90, A-Z, +, -, /, 0                    | PWM-PK-8  | 6 of 1 to 15, 4 of 16 to 90, 2 of A to Z, +, -, /, 0                       |
| 1, 2, 3, A, B, C, T1, T2, T3, L1, L2, L3        | PWM-PK-9  | 45 of 1, 2, 3, A, B, C 30 of T1, T2, T3, L1, L2, L3                        |
|                                                 | PWM-PK-10 | 45                                                                         |
| 1-30                                            | PWM-PK-11 | 15                                                                         |
| A-Z, Blank, +, -                                | PWM-PK-12 | 15 of A to Z, 18 Blank Write-on, 8 of +, 7 of -                            |
| +, -, AC, DC, POS, NEG, GND, NEUT, SPARE, BLANK | PWM-PK-13 | 45 of +, -, AC, DC, 33 of POS, NEG, GND, NEUT, 21 of Blank Write-on Labels |
| 46-90                                           | PWM-PK-14 | 10                                                                         |
| 1-45, 46-90                                     | PWM-PK-15 | 5                                                                          |



## WRITE-ON SELF-LAMINATING WIRE AND CABLE MARKERS

- Use Brady's labelling pens or other markers to write on legend.
- Transparent part over-wraps provide snug fitting, self-laminating shield that resists oil, water and solvents.
- For applications above or below ground.

| Art. No.                           | Width (mm) | Height (mm) | Write-on Area Width (mm) | Write-on Area Height (mm) | Markers per Book | Max. Wire Diameter (mm) |
|------------------------------------|------------|-------------|--------------------------|---------------------------|------------------|-------------------------|
| <b>B-292 Self-laminating Vinyl</b> |            |             |                          |                           |                  |                         |
| PWS-PK-14                          | 12.70      | 38.00       | 12.70                    | 19.05                     | 180              | 6.00                    |
| PWC-PK-1                           | 19.05      | 44.45       | 19.05                    | 12.70                     | 120              | 10.00                   |
| PWC-PK-3                           | 25.40      | 76.20       | 25.40                    | 19.05                     | 60               | 18.00                   |
| PWC-PK-6                           | 25.40      | 152.40      | 25.40                    | 25.40                     | 30               | 40.00                   |
| PWC-PK-36*                         | 25.40      | —           | 25.40                    | 25.40                     | 45               | 40.00                   |

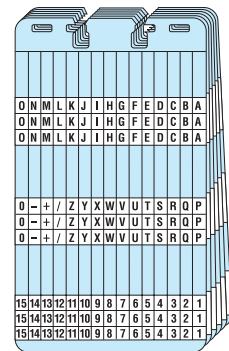
\*Book Supplied with 30 markers size 25.40 x 76.20 and 15 markers 25.40 x 152.40. 5 sheets with 6 markers + 5 sheets of 3 markers.



## SELF-LAMINATING WIRE MARKERS

- Ten pages per book.
- Same as above but with printed legends

| Legend                             | Art. No. | Markers each Legend | Markers per Book | Max. Wire Diameter (mm) |
|------------------------------------|----------|---------------------|------------------|-------------------------|
| <b>B-292 Self-laminating Vinyl</b> |          |                     |                  |                         |
| 0-9                                | PWS-PK-1 | 45                  | 450              | 12.00                   |
| A-Z, 0-15, +, -, /                 | PWS-PK-2 | 10                  | 450              | 12.00                   |
| 1-45                               | PWS-PK-3 | 10                  | 450              | 12.00                   |



## LABELLING PENS

Brady's labelling pens use a quick drying, permanent ink. The ink is specially formulated to resist oil, solvents, abrasion and fading.

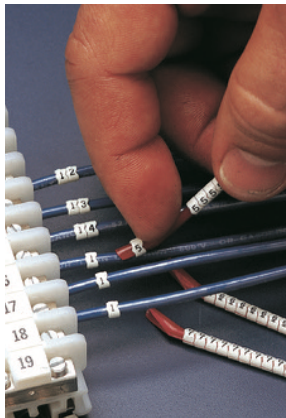
| Order Ref. | Colour | Description                      | Quantity |
|------------|--------|----------------------------------|----------|
| MP-1       | Black  | Pen - Fine (solvent based)       | 1        |
| MP-2       | Black  | Pen - Ultra Fine (solvent based) | 1        |
| BFS-05     | Black  | Pen - Fine                       | 1        |
| BFS-10     | Black  | Pen - Ultra Fine                 | 1        |



View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

# Pre-Printed Wire Markers

## CLIPSLEEVE™ WIRE MARKERS



Sizes 03 to 18 are supplied on wands with 30 sleeves per wand, 10 wands to a package.  
 Sizes larger than 18 are packed 50 individual pieces per package.

**Combination Packs:** Prefix SCNC Contains 10 wands, one wand each of numbers 0 to 9.

**Alpha Packs:** Contains 13 wands, one wand each of A to M or N to Z. (e.g. SCN-07-A-M).

**Note:** Alpha packs are not available for SCN-03, -05, -23, -36, -45 or -61.

**Applicator Wands:** Separate wands for applying Size 23 and Size 36 ClipSleeve™ markers are available in packages of 5 wands. Specify SCN-23-WANDS for Size 23 and SCN-36-WANDS for Size 36.

- Markers apply quickly with a special QuikWand™ applicator.
- Place the flared "shoe" end of the wand against the wire and push sleeve onto the wire.
- Split sleeve with "chevron" locking design snaps on the wire, won't slip or slide.
- Colour Coding Aids Users: Brady ClipSleeve™ applicator wands are colour coded for easy identification of sleeve sizes.

### Preprinted Black on White

| Min/Max Wire Diameter (mm)<br>Legend | 1.00 - 1.30<br>Order Reference | 1.40 - 1.80<br>Order Reference | 1.90 - 2.40<br>Order Reference | 2.50 - 3.00<br>Order Reference | 2.80 - 3.30<br>Order Reference | 3.40 - 3.80<br>Order Reference |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 0                                    | SCN-03-0                       | SCN-05-0                       | SCN-07-0                       | SCN-09-0                       | SCN-10-0                       | SCN-13-0                       |
| and so on through                    | and so on through              | and so on through              | and so on through              | and so on through              | and so on through              | and so on through              |
| 9                                    | SCN-03-9                       | SCN-05-9                       | SCN-07-9                       | SCN-09-9                       | SCN-10-9                       | SCN-13-9                       |
| 0-9                                  | SCNC-03-0-9                    | SCNC-05-0-9                    | SCNC-07-0-9                    | SCNC-09-0-9                    | SCNC-10-0-9                    | SCNC-13-0-9                    |
| A                                    | SCN-03-A                       | SCN-05-A                       | SCN-07-A                       | SCN-09-A                       | SCN-10-A                       | SCN-13-A                       |
| and so on through                    | and so on through              | and so on through              | and so on through              | and so on through              | and so on through              | and so on through              |
| Z                                    | SCN-03-Z                       | SCN-05-Z                       | SCN-07-Z                       | SCN-09-Z                       | SCN-10-Z                       | SCN-13-Z                       |
| A-M                                  | -                              | -                              | SCNC-07-A-M                    | SCNC-09-A-M                    | SCNC-10-A-M                    | SCNC-13-A-M                    |
| N-Z                                  | -                              | -                              | SCNC-07-N-Z                    | SCNC-09-N-Z                    | SCNC-10-N-Z                    | SCNC-13-N-Z                    |
| +                                    | SCN-03-PLUS                    | SCN-05-PLUS                    | SCN-07-PLUS                    | SCN-09-PLUS                    | SCN-10-PLUS                    | SCN-13-PLUS                    |
| -                                    | SCN-03-MINUS                   | SCN-05-MINUS                   | SCN-07-MINUS                   | SCN-09-MINUS                   | SCN-10-MINUS                   | SCN-13-MINUS                   |
| /                                    | SCN-03-DIAGONAL                | -                              | SCN-07-DIAGONAL                | SCN-09-DIAGONAL                | SCN-10-DIAGONAL                | SCN-13-DIAGONAL                |
| Full Stop                            | SCN-03-PUNC                    | SCN-05-PUNC                    | SCN-07-PUNC                    | SCN-09-PUNC                    | SCN-10-PUNC                    | SCN-13-PUNC                    |
| Earth/Ground Symbol                  | SCN-03-GRS                     | SCN-05-GRS                     | SCN-07-GRS                     | SCN-09-GRS                     | SCN-10-GRS                     | SCN-13-GRS                     |
| Quantity / Package                   | 300                            | 300                            | 300                            | 300                            | 300                            | 300                            |
| Wand Colour                          | Maroon                         | Grey                           | Light Blue                     | Green                          | Red                            | Dark Blue                      |

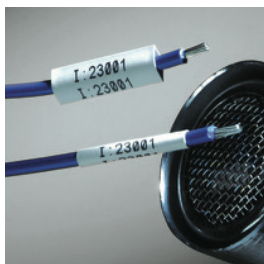
| Min/Max Wire Diameter (mm)<br>Legend | 3.90 - 4.50<br>Order Reference | 4.70 - 5.80<br>Order Reference | 5.90 - 8.50<br>Order Reference | 8.60 - 11.10<br>Order Reference | 11.20 - 15.00<br>Order Reference | 15.10 - 19.00<br>Order Reference |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 0                                    | SCN-15-0                       | SCN-18-0                       | SCN-23-0                       | SCN-36-0                        | SCN-45-0                         | SCN-61-0                         |
| and so on through                    | and so on through              | and so on through              | and so on through              | and so on through               | and so on through                | and so on through                |
| 9                                    | SCN-15-9                       | SCN-18-9                       | SCN-23-9                       | SCN-36-9                        | SCN-45-9                         | SCN-61-9                         |
| 0-9                                  | SCNC-15-0-9                    | SCNC-18-0-9                    | SCNC-23-0-9                    | -                               | -                                | -                                |
| A                                    | SCN-15-A                       | SCN-18-A                       | SCN-23-A                       | SCN-36-A                        | SCN-45-A                         | SCN-61-A                         |
| and so on through                    | and so on through              | and so on through              | and so on through              | and so on through               | and so on through                | and so on through                |
| Z                                    | SCN-15-Z                       | SCN-18-Z                       | SCN-23-Z                       | SCN-36-Z                        | SCN-45-Z                         | SCN-61-Z                         |
| A-M                                  | SCNC-15-A-M                    | SCNC-18-A-M                    | -                              | -                               | -                                | -                                |
| N-Z                                  | SCNC-15-N-Z                    | SCNC-18-N-Z                    | -                              | -                               | -                                | -                                |
| +                                    | SCN-15-PLUS                    | SCN-18-PLUS                    | SCN-23-PLUS                    | SCN-36-PLUS                     | SCN-45-PLUS                      | SCN-61-PLUS                      |
| -                                    | SCN-15-MINUS                   | SCN-18-MINUS                   | SCN-23-MINUS                   | SCN-36-MINUS                    | SCN-45-MINUS                     | SCN-61-MINUS                     |
| /                                    | SCN-15-DIAGONAL                | SCN-18-DIAGONAL                | SCN-23-DIAGONAL                | SCN-36-DIAGONAL                 | SCN-45-DIAGONAL                  | SCN-61-DIAGONAL                  |
| Full Stop                            | SCN-15-PUNC                    | SCN-18-PUNC                    | -                              | SCN-36-PUNC                     | SCN-45-PUNC                      | -                                |
| Earth/Ground Symbol                  | SCN-15-GRS                     | SCN-18-GRS                     | SCN-23-GRS                     | SCN-36-GRS                      | SCN-45-GRS                       | SCN-61-GRS                       |
| Quantity / Package                   | 300                            | 300                            | 50                             | 50                              | 50                               | 50                               |
| Wand Colour                          | Brown                          | Yellow                         |                                |                                 |                                  |                                  |

### Blank on Coloured Background

| Min/Max Wire Diameter (mm)<br>Colour | 1.00 - 1.30<br>Order Reference | 1.40 - 1.80<br>Order Reference | 1.90 - 2.40<br>Order Reference | 2.50 - 3.00<br>Order Reference | 2.80 - 3.30<br>Order Reference | 3.40 - 3.80<br>Order Reference |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Black                                | SCN-03-BLACK                   | SCN-05-BLACK                   | SCN-07-BLACK                   | SCN-09-BLACK                   | SCN-10-BLACK                   | SCN-13-BLACK                   |
| Blue                                 | SCN-03-BLUE                    | SCN-05-BLUE                    | SCN-07-BLUE                    | SCN-09-BLUE                    | SCN-10-BLUE                    | SCN-13-BLUE                    |
| Green                                | SCN-03-GREEN                   | SCN-05-GREEN                   | SCN-07-GREEN                   | SCN-09-GREEN                   | SCN-10-GREEN                   | SCN-13-GREEN                   |
| Red                                  | SCN-03-RED                     | SCN-05-RED                     | SCN-07-RED                     | SCN-09-RED                     | SCN-10-RED                     | SCN-13-RED                     |
| White                                | SCN-03-WHITE                   | SCN-05-WHITE                   | SCN-07-WHITE                   | SCN-09-WHITE                   | SCN-10-WHITE                   | SCN-13-WHITE                   |
| Yellow                               | SCN-03-YELLOW                  | SCN-05-YELLOW                  | SCN-07-YELLOW                  | SCN-09-YELLOW                  | SCN-10-YELLOW                  | SCN-13-YELLOW                  |
| Quantity / Package                   | 300                            | 300                            | 300                            | 300                            | 300                            | 300                            |

| Min/Max Wire Diameter (mm)<br>Colour | 3.90 - 4.50<br>Order Reference | 4.70 - 5.80<br>Order Reference | 5.90 - 8.50<br>Order Reference | 8.60 - 11.10<br>Order Reference |
|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| Black                                | SCN-15-BLACK                   | SCN-18-BLACK                   | -                              | -                               |
| Blue                                 | SCN-15-BLUE                    | SCN-18-BLUE                    | -                              | -                               |
| Green                                | SCN-15-GREEN                   | SCN-18-GREEN                   | SCN-23-GREEN                   | -                               |
| Red                                  | SCN-15-RED                     | SCN-18-RED                     | SCN-23-RED                     | -                               |
| White                                | SCN-15-WHITE                   | SCN-18-WHITE                   | SCN-23-WHITE                   | SCN-36-White                    |
| Yellow                               | SCN-15-YELLOW                  | SCN-18-YELLOW                  | SCN-23-YELLOW                  | -                               |
| Quantity / Package                   | 300                            | 300                            | 50                             | 50                              |

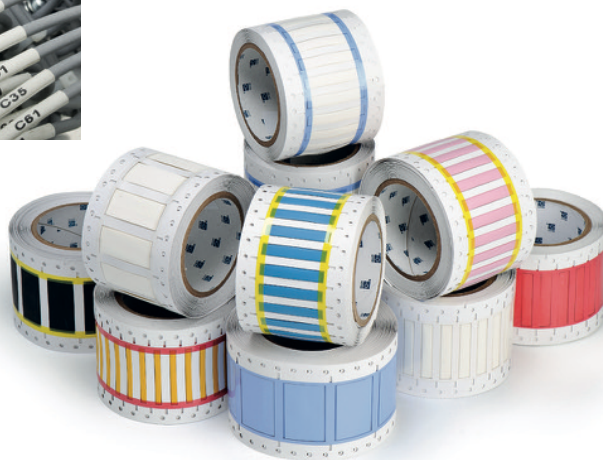


## PERMASLEEVE™ WIRE MARKING SLEEVES

### PERMANENT HEAT SHRINK WIRE IDENTIFICATION

Brady's non-adhesive, printable heat shrink wire marking sleeves fit snugly around wires or cables for maximum insulation protection and permanent identification. Brady's heat shrink sleeving is a full-circle design that provides fast and permanent wire marking. Clear, legible text can be printed on the wire and cable sleeving with a Brady printer for reliable wire identification.

Brady heat shrink sleeving materials excel in extreme environments, including temperature fluctuations and environments that require abrasion and chemical resistance. Brady offers a variety of materials available to print using thermal transfer and dot matrix printers.



## PermaSleeve™ Heat Shrinkable Wire Marking Sleeves Comparison Guide

Use the following table to help determine which PermaSleeve™ Heat-Shrinkable Wire Marking Sleeves are right for your application. Then reference the following pages for more information and all available catalogue number.

| Material                                                                                            | Product Category              | Product Name Prefix                                                             | Available Colours*                                                        | Liner Platform                   | Shrink Ratio           | Performance Attributes                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>B-342 PermaSleeve™ Polyolefin Wire Marking Sleeves</b><br>(see page 203)                         | Industrial/<br>Military Grade | PS: Single-Sided<br>3PS: Double-Sided<br>Example: 3PS-187-2-WT                  | Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet, White, Yellow | Durable Paper<br>Cardstock Liner | 3:1                    |                                                                                         |
| <b>B-345 PermaSleeve™ PVDF High Temperature Wire Marking Sleeves</b><br>(see page 207)              | High-Temperature              | 2HT: Double-Sided<br>Example: 2HT-187-2-WT-S                                    | Black, Blue, Pink, White, Yellow                                          | Durable Paper<br>Cardstock Liner | 2:1<br>(3:1 for 3/32") |    |
| <b>B-7641 PermaSleeve™ Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves</b><br>(see page 209) | Low Smoke<br>Zero Halogen     | LSZH: Single-Sided<br>2LSZH: Double-Sided<br>Example: 2ZH-187-2-WT              | White, Yellow                                                             | Durable Paper<br>Cardstock Liner | 2:1                    |                                                                                                                                                                              |
| <b>B-7642 PermaSleeve™ Self-Extinguishing Polyolefin Wire Marking Sleeves</b><br>(see page 212)     | Industrial/<br>Military Grade | HX: Single-Sided<br>2HX: Double-Sided<br>Example: 2HX-187-2-WT                  | Black, Blue, Brown, Green, Gray, Orange, Pink, Red, Violet, White, Yellow | Durable Paper<br>Cardstock Liner | 2:1                    |    |
| <b>B-7646 PermaSleeve™ Diesel Resistant Polyolefin Wire Marking Sleeves</b><br>(see page 216)       | Industrial/<br>Military Grade | 3:1DPS: Double-Sided<br>3DPS: Double-Sided<br>Example:<br>3DPS-4.8x50mm-B7646YL | Yellow                                                                    | Durable Paper<br>Cardstock Liner | 3:1                    | -                                                                                                                                                                                                                                                                 |

\*Some colours available only as special order

## Printer Compatibility

Printer compatibility for PermaSleeve™ Wire Marking Sleeves varies by catalogue number. Please see the following pages to find printer compatibility for each specific PermaSleeve™ Wire Marking Sleeve material.



View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



## How to Select a Wire Marker

There are four main questions to ask yourself when you're starting the process of marking wires. These questions will help you select a wire marker that best suits your needs.

### 1. Are you marking the wire after termination?

Sleeve markers can only be used before termination because they must be slipped over the open end of the wire. These non-adhesive markers provide flexibility as they can be moved prior to being heat-shrunk. Once shrunk, these markers fit snugly around wires for permanent identification which will stand up to harsh environments.

### 2. What size of wire are you marking?

The diameter of the wire determines the size of the sleeve or the height of the label to be used.

### 3. Will you print your own markers or purchase preprinted ones?

Pre-printed markers are available in a large variety of stock legends, and custom legends are available for any large jobs. These markers come in a variety of packaging and formats for ease of use and ease of transport. They are ideal for any application.

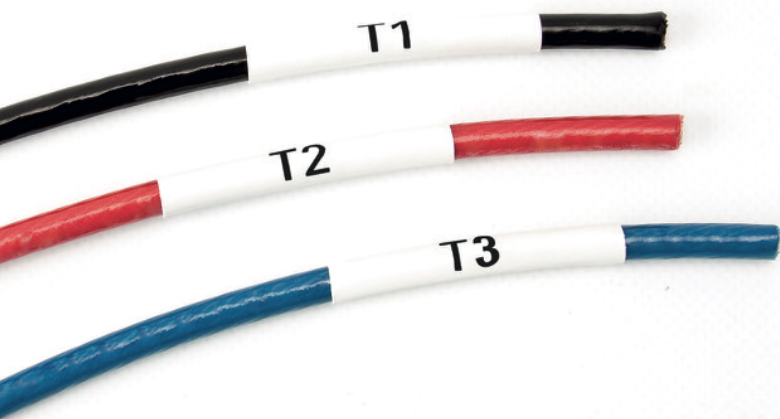
Printable markers are meant to be printed with variable legends as needed. Various methods for this include: portable wire marking printers or computer software linked to thermal transfer, dot matrix or laser-printers. An extensive array of sizes are available for every application. These printable markers offer the flexibility of printing legends on demand. They are also ideal for applications that require long legends.

### 4. In what type of environment will these wire markers be placed?

It is extremely important to select a wire marker material that will last for your application. Too many companies go to the trouble of marking only to have to do it all again because they did not select the correct material. Be sure to ask yourself these questions before you select your wire marker.

Brady offers a variety of marker sizes for your wire marking needs. Please view the chart listed below to assist you in choosing the minimum recommended flattened sleeve height for the wire or cable that you are identifying.

| Sleeve code                                                                 | Flattened Sleeve Height (mm) | Max. Wire/Cable Diameter (mm) | Min. Wire/Cable Diameter (mm) |
|-----------------------------------------------------------------------------|------------------------------|-------------------------------|-------------------------------|
| <b>B-342 PermaSleeve™ PS Polyolefin Wire Marking Sleeves</b>                |                              |                               |                               |
| 094                                                                         | 4.60                         | 2.03                          | 0.58                          |
| 125                                                                         | 6.00                         | 2.79                          | 1.17                          |
| 187                                                                         | 8.50                         | 3.81                          | 1.57                          |
| 250                                                                         | 11.15                        | 5.46                          | 2.39                          |
| 375                                                                         | 16.40                        | 8.13                          | 3.18                          |
| 500                                                                         | 21.60                        | 11.43                         | 4.75                          |
| 750                                                                         | 31.80                        | 17.78                         | 6.35                          |
| 1000                                                                        | 42.16                        | 24.13                         | 9.53                          |
| 1500                                                                        | 61.80                        | 36.83                         | 12.70                         |
| <b>B-345 PermaSleeve™ High Temperature PVDF Wire Marking Sleeves</b>        |                              |                               |                               |
| 094                                                                         | 4.60                         | 2.00                          | 0.60                          |
| 125                                                                         | 6.00                         | 2.80                          | 1.20                          |
| 187                                                                         | 8.50                         | 3.80                          | 1.60                          |
| 250                                                                         | 11.15                        | 5.50                          | 2.40                          |
| 375                                                                         | 16.40                        | 8.10                          | 3.20                          |
| 500                                                                         | 21.60                        | 11.40                         | 4.80                          |
| 750                                                                         | 31.80                        | 17.80                         | 6.60                          |
| 1000                                                                        | 42.16                        | 24.10                         | 11.40                         |
| 1500                                                                        | 61.80                        | 36.80                         | 12.70                         |
| <b>B-7641 PermaSleeve™ LSZH Low Smoke Zero Halogen Wire Marking Sleeves</b> |                              |                               |                               |
| 094                                                                         | 4.60                         | 2.03                          | 1.19                          |
| 125                                                                         | 6.00                         | 2.79                          | 1.57                          |
| 187                                                                         | 8.50                         | 3.83                          | 2.39                          |
| 250                                                                         | 11.15                        | 5.46                          | 3.17                          |
| 375                                                                         | 16.40                        | 8.13                          | 4.77                          |
| 500                                                                         | 21.60                        | 11.43                         | 6.35                          |
| 750                                                                         | 31.40                        | 17.78                         | 9.52                          |
| 1000                                                                        | 42.16                        | 24.13                         | 11.43                         |
| 1500                                                                        | 61.80                        | 35.56                         | 19.05                         |
| 2000                                                                        | 80.40                        | 48.26                         | 25.40                         |
| <b>B-7642 PermaSleeve™ Polyolefin Wire Marking Sleeves</b>                  |                              |                               |                               |
| 094                                                                         | 4.60                         | 2.03                          | 1.19                          |
| 125                                                                         | 6.00                         | 2.79                          | 1.57                          |
| 187                                                                         | 8.50                         | 3.83                          | 2.39                          |
| 250                                                                         | 11.15                        | 5.46                          | 3.17                          |
| 375                                                                         | 16.40                        | 8.13                          | 4.77                          |
| 500                                                                         | 21.60                        | 11.43                         | 6.35                          |
| 750                                                                         | 31.40                        | 17.78                         | 9.52                          |
| 1000                                                                        | 42.16                        | 24.13                         | 11.43                         |
| 1500                                                                        | 61.80                        | 35.56                         | 19.05                         |
| 2000                                                                        | 80.40                        | 48.26                         | 25.40                         |



## B-342 PERMASLEEVE™ POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

B-342 PermaSleeve™ PS Polyolefin Wire Marking Sleeves are a 3:1 heat shrinkable wire marking sleeve that fits snugly around wires for identification and protection.

These fade-resistant and flame retardant sleeves have an operating temperature of -55°C to +130°C (-67°F to +275°F).

Performance Attributes:



### How to read your PermaSleeve™ order reference

Example order reference:

**3PS - 187 - 2 - WT - S - 4**

Product      Diameter      Width      Colour      Roll Size      Pieces

Optional

### Order reference components of B-342 PermaSleeve™ PS Wire Marking Sleeves:

| Product Type                       |
|------------------------------------|
| PS = Single Sided Printing, B-342  |
| 3PS = Double Sided Printing, B-342 |

| Sleeve Diameter                                        |
|--------------------------------------------------------|
| 094 = 1/8" size fits wire diameter 0.58mm - 2.03mm     |
| 125 = 3/16" size fits wire diameter 1.17mm - 2.79mm    |
| 187 = 3/8" size fits wire diameter 1.57mm - 3.81mm     |
| 250 = 1/4" size fits wire diameter 2.39mm - 5.46mm     |
| 375 = 3/8" size fits wire diameter 3.18mm - 8.13mm     |
| 500 = 1/2" size fits wire diameter 4.75mm - 11.43mm    |
| 750 = 3/4" size fits wire diameter 6.35mm - 17.78mm    |
| 1000 = 1" size fits wire diameter 9.53mm - 24.13mm     |
| 1500 = 1 1/2" size fits wire diameter 12.7mm - 36.83mm |

| Sleeve Width  |
|---------------|
| 150 = 38.10mm |
| 2 = 50.80mm   |

| Sleeve Colour                                             |
|-----------------------------------------------------------|
| BK = Black      GR = Green      PK = Pink      WT = White |
| BL = Blue      GY = Gray      RD = Red      YL = Yellow   |
| BR = Brown      OR = Orange      VT = Violet              |

| Optional: Roll Size                                                       |
|---------------------------------------------------------------------------|
| If sleeve diameter is 094-250:<br>Standard = 2,500      Small ("S") = 500 |
| If sleeve diameter is 375:<br>Standard = 1,000      Small ("S") = 250     |
| If sleeve diameter is 500:<br>Standard = 500      Small ("S") = 250       |
| If sleeve diameter is 750-1500:<br>Standard = 250      Small ("S") = 100  |

| Optional: Pieces Per Sleeve                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, the sleeve can be split into multiple pieces.<br>Example: PS-094-150-WT-2 This "2" means that this 38.10mm sleeve is slit into two 19.05mm pieces |
| Available options: 2, 3, or 4 pieces.                                                                                                                                                    |

**Recommended Ribbon Series:** R4300, R6600, R6700 (with black sleeves) Series

**Recommended Printer Series:** BradyPrinter i7100 Industrial Label Printer, Brady IP™ Printer, BBP®72 Double Sided Printer

**Software Compatibility:** Brady Workstation, LabelMark™ Labelling Software, CodeSoft™ 9 Labelling Software

# PermaSleeve™ Wire Marking Sleeves

## B-342 PERMASLEEVE™ POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

Single-sided Printable, 38.10 mm width



Use the table below to browse all available single-sided printing, 38.10 mm width B-342 PermaSleeve™ PS Polyolefin Wire Marking Sleeves.

| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| PS-094-150-WT     | White  | 0.58                    | 2.03                    | 4.60                 | 38.10               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| PS-094-150-WT-2   | White  | 0.58                    | 2.03                    | 4.60                 | 19.05               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| PS-094-150-WT-4   | White  | 0.58                    | 2.03                    | 4.60                 | 9.53                | 12.70                | 4               | 2500          | 10000                   | R6600         |
| PS-094-150-WT-S   | White  | 0.58                    | 2.03                    | 4.60                 | 38.10               | 12.70                | 1               | 500           | 500                     | R6600         |
| PS-094-150-WT-S-3 | White  | 0.58                    | 2.03                    | 4.60                 | 12.70               | 12.70                | 3               | 500           | 1500                    | R6600         |
| PS-094-150-WT-S-4 | White  | 0.58                    | 2.03                    | 4.60                 | 9.53                | 12.70                | 4               | 500           | 2000                    | R6600         |
| PS-125-150-WT     | White  | 1.17                    | 2.79                    | 6.00                 | 38.10               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| PS-125-150-WT-2   | White  | 1.17                    | 2.79                    | 6.00                 | 19.05               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| PS-125-150-WT-3   | White  | 1.17                    | 2.79                    | 6.00                 | 12.70               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| PS-125-150-WT-S   | White  | 1.17                    | 2.79                    | 6.00                 | 38.10               | 12.70                | 1               | 500           | 500                     | R6600         |
| PS-125-150-WT-S-2 | White  | 1.17                    | 2.79                    | 6.00                 | 19.05               | 12.70                | 2               | 500           | 1000                    | R6600         |
| PS-125-150-WT-S-3 | White  | 1.17                    | 2.79                    | 6.00                 | 12.70               | 12.70                | 3               | 500           | 1500                    | R6600         |
| PS-187-150-WT     | White  | 1.57                    | 3.81                    | 8.50                 | 38.10               | 15.88                | 1               | 2500          | 2500                    | R6600         |
| PS-187-150-WT-2   | White  | 1.57                    | 3.81                    | 8.50                 | 19.05               | 15.88                | 2               | 2500          | 5000                    | R6600         |
| PS-187-150-WT-3   | White  | 1.57                    | 3.81                    | 8.50                 | 12.70               | 15.88                | 3               | 2500          | 7500                    | R6600         |
| PS-187-150-WT-S   | White  | 1.57                    | 3.81                    | 8.50                 | 38.10               | 15.88                | 1               | 500           | 500                     | R6600         |
| PS-187-150-WT-S-2 | White  | 1.57                    | 3.81                    | 8.50                 | 19.05               | 15.88                | 2               | 500           | 1000                    | R6600         |
| PS-187-150-WT-S-3 | White  | 1.57                    | 3.81                    | 8.50                 | 12.70               | 15.88                | 3               | 500           | 1500                    | R6600         |
| PS-187-150-WT-S-4 | White  | 1.57                    | 3.81                    | 8.50                 | 9.53                | 15.88                | 4               | 500           | 2000                    | R6600         |
| PS-250-150-WT     | White  | 2.39                    | 5.46                    | 11.15                | 38.10               | 19.05                | 1               | 2500          | 2500                    | R6600         |
| PS-250-150-WT-2   | White  | 2.39                    | 5.46                    | 11.15                | 19.05               | 19.05                | 2               | 2500          | 5000                    | R6600         |
| PS-250-150-WT-3   | White  | 2.39                    | 5.46                    | 11.15                | 12.70               | 19.05                | 3               | 2500          | 7500                    | R6600         |
| PS-250-150-WT-S   | White  | 2.39                    | 5.46                    | 11.15                | 38.10               | 19.05                | 1               | 500           | 500                     | R6600         |
| PS-250-150-WT-S-2 | White  | 2.39                    | 5.46                    | 11.15                | 19.05               | 19.05                | 2               | 500           | 1000                    | R6600         |
| PS-250-150-WT-S-3 | White  | 2.39                    | 5.46                    | 11.15                | 12.70               | 19.05                | 3               | 500           | 1500                    | R6600         |
| PS-375-150-WT     | White  | 3.18                    | 8.13                    | 16.40                | 38.10               | 25.40                | 1               | 1000          | 1000                    | R6600         |
| PS-375-150-WT-2   | White  | 3.18                    | 8.13                    | 16.40                | 19.05               | 25.40                | 2               | 1000          | 2000                    | R6600         |
| PS-375-150-WT-3   | White  | 3.18                    | 8.13                    | 16.40                | 12.70               | 25.40                | 3               | 1000          | 3000                    | R6600         |
| PS-375-150-WT-S   | White  | 3.18                    | 8.13                    | 16.40                | 38.10               | 25.40                | 1               | 250           | 250                     | R6600         |
| PS-375-150-WT-S-2 | White  | 3.18                    | 8.13                    | 16.40                | 19.05               | 25.40                | 2               | 500           | 1000                    | R6600         |
| PS-375-150-WT-S-3 | White  | 3.18                    | 8.13                    | 16.40                | 12.70               | 25.40                | 3               | 250           | 750                     | R6600         |
| PS-375-150-WT-S-4 | White  | 3.18                    | 8.13                    | 16.40                | 9.53                | 25.40                | 4               | 250           | 1000                    | R6600         |
| PS-500-150-W-S-2  | White  | 4.75                    | 11.43                   | 21.60                | 19.05               | 31.75                | 2               | 500           | 1000                    | R6600         |
| PS-500-150-WT     | White  | 4.75                    | 11.43                   | 21.60                | 38.10               | 31.75                | 1               | 500           | 500                     | R6600         |
| PS-500-150-WT-S   | White  | 4.75                    | 11.43                   | 21.60                | 38.10               | 31.75                | 1               | 250           | 250                     | R6600         |

### Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace “WT” with the abbreviation of the desired colour to order.

Example: PS-094-150-WT becomes PS-094-150-RD

#### Available Colours:

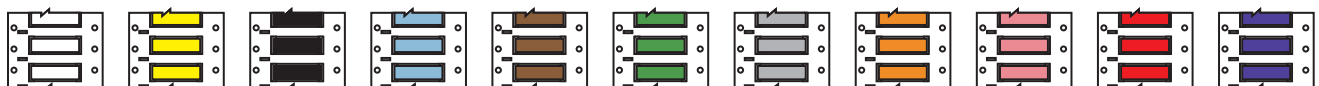
WT = White BR = Brown OR = Orange VT = Violet  
BK = Black GR = Green PK = Pink YL = Yellow  
BL = Blue GY = Gray RD = Red

### Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: PS-187-150-WT-S becomes PS-187-150-WT-S-4

This “4” means that this sleeve is slit into four pieces.



View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## B-342 PERMASLEEVE™ POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

Single-sided Printable, 50.80 mm width



Use the table below to browse all available single-sided printing, 50.80 mm width B-342 PermaSleeve™ PS Polyolefin Wire Marking Sleeves.

| Order Reference                  | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|----------------------------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| PS-094-2-WT                      | White  | 0.58                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| PS-094-2-WT-2                    | White  | 0.58                    | 2.03                    | 4.60                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| PS-094-2-WT-3                    | White  | 0.58                    | 2.03                    | 4.60                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| PS-094-2-WT-4                    | White  | 0.58                    | 2.03                    | 4.60                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| PS-094-2-WT-S                    | White  | 0.58                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| PS-094-2-WT-S-2                  | White  | 0.58                    | 2.03                    | 4.60                 | 25.40               | 12.70                | 2               | 500           | 1000                    | R6600         |
| PS-094-2-WT-S-3                  | White  | 0.58                    | 2.03                    | 4.60                 | 16.94               | 12.70                | 3               | 500           | 1500                    | R6600         |
| PS-094-2-WT-S-4                  | White  | 0.58                    | 2.03                    | 4.60                 | 12.70               | 12.70                | 4               | 500           | 2000                    | R6600         |
| PS-125-2-WT                      | White  | 1.17                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| PS-125-2-WT-2                    | White  | 1.17                    | 2.79                    | 6.00                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| PS-125-2-WT-S                    | White  | 1.17                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| PS-125-2-WT-S-2                  | White  | 1.17                    | 2.79                    | 6.00                 | 25.40               | 12.70                | 2               | 500           | 1000                    | R6600         |
| PS-125-2-WT-S-4                  | White  | 1.17                    | 2.79                    | 6.00                 | 12.70               | 12.70                | 4               | 500           | 2000                    | R6600         |
| PS-187-2-WT                      | White  | 1.57                    | 3.81                    | 8.50                 | 50.80               | 15.88                | 1               | 2500          | 2500                    | R6600         |
| PS-187-2-WT-2                    | White  | 1.57                    | 3.81                    | 8.50                 | 25.40               | 15.88                | 2               | 2500          | 5000                    | R6600         |
| PS-187-2-WT-3                    | White  | 1.57                    | 3.81                    | 8.50                 | 16.94               | 15.88                | 3               | 2500          | 7500                    | R6600         |
| PS-187-2-WT-4                    | White  | 1.57                    | 3.81                    | 8.50                 | 12.70               | 15.88                | 4               | 2500          | 10000                   | R6600         |
| PS-187-2-WT-S                    | White  | 1.57                    | 3.81                    | 8.50                 | 50.80               | 15.88                | 1               | 500           | 500                     | R6600         |
| PS-187-2-WT-S-2                  | White  | 1.57                    | 3.81                    | 8.50                 | 25.40               | 15.88                | 2               | 500           | 1000                    | R6600         |
| PS-187-2-WT-S-3                  | White  | 1.57                    | 3.81                    | 8.50                 | 16.94               | 15.88                | 3               | 500           | 1500                    | R6600         |
| PS-187-2-WT-S-4                  | White  | 1.57                    | 3.81                    | 8.50                 | 12.70               | 15.88                | 4               | 500           | 2000                    | R6600         |
| PS-250-2-WT                      | White  | 2.39                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 2500          | 2500                    | R6600         |
| PS-250-2-WT-2                    | White  | 2.39                    | 5.46                    | 11.15                | 25.40               | 19.05                | 2               | 2500          | 5000                    | R6600         |
| PS-250-2-WT-3                    | White  | 2.39                    | 5.46                    | 11.15                | 16.94               | 19.05                | 3               | 2500          | 7500                    | R6600         |
| PS-250-2-WT-4                    | White  | 2.39                    | 5.46                    | 11.15                | 12.70               | 19.05                | 4               | 2500          | 10000                   | R6600         |
| PS-250-2-WT-S                    | White  | 2.39                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 500           | 500                     | R6600         |
| PS-250-2-WT-S-2                  | White  | 2.39                    | 5.46                    | 11.15                | 25.40               | 19.05                | 2               | 500           | 1000                    | R6600         |
| PS-250-2-WT-S-3                  | White  | 2.39                    | 5.46                    | 11.15                | 16.94               | 19.05                | 3               | 500           | 1500                    | R6600         |
| PS-250-2-WT-S-4                  | White  | 2.39                    | 5.46                    | 11.15                | 12.70               | 19.05                | 4               | 500           | 2000                    | R6600         |
| PS-375-2-WT                      | White  | 3.18                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 1000          | 1000                    | R6600         |
| PS-375-2-WT-2                    | White  | 3.18                    | 8.13                    | 16.40                | 25.40               | 25.40                | 2               | 1000          | 2000                    | R6600         |
| PS-375-2-WT-3                    | White  | 3.18                    | 8.13                    | 16.40                | 16.94               | 25.40                | 3               | 1000          | 3000                    | R6600         |
| PS-375-2-WT-4                    | White  | 3.18                    | 8.13                    | 16.40                | 12.70               | 25.40                | 4               | 1000          | 4000                    | R6600         |
| PS-375-2-WT-S                    | White  | 3.18                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 250           | 250                     | R6600         |
| PS-375-2-WT-S-2                  | White  | 3.18                    | 8.13                    | 16.40                | 25.40               | 25.40                | 2               | 500           | 1000                    | R6600         |
| PS-375-2-WT-S-3                  | White  | 3.18                    | 8.13                    | 16.40                | 16.94               | 25.40                | 3               | 250           | 750                     | R6600         |
| PS-375-2-WT-S-4                  | White  | 3.18                    | 8.13                    | 16.40                | 12.70               | 25.40                | 4               | 250           | 1000                    | R6600         |
| PS-500-2-WT                      | White  | 4.75                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 500           | 500                     | R6600         |
| PS-500-2-WT,BULK (1000 PCS/ROLL) | White  | 4.75                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 1000          | 1000                    | R6600         |
| PS-500-2-WT,BULK (2500 PCS/ROLL) | White  | 4.75                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 2500          | 2500                    | R6600         |
| PS-500-2-WT-2                    | White  | 4.75                    | 11.43                   | 21.60                | 25.40               | 31.75                | 2               | 500           | 1000                    | R6600         |
| PS-500-2-WT-S                    | White  | 4.75                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 250           | 250                     | R6600         |
| PS-500-2-WT-S-2                  | White  | 4.75                    | 11.43                   | 21.60                | 25.40               | 31.75                | 2               | 500           | 1000                    | R6600         |
| PS-500-2-WT-S-4                  | White  | 4.75                    | 11.43                   | 21.60                | 12.70               | 31.75                | 4               | 250           | 1000                    | R6600         |
| PS-750-2-WT                      | White  | 6.35                    | 17.78                   | 31.80                | 50.80               | 41.28                | 1               | 250           | 250                     | R6600         |
| PS-750-2-WT-S                    | White  | 6.35                    | 17.78                   | 31.80                | 50.80               | 41.28                | 1               | 100           | 100                     | R6600         |
| PS-1000-2-WT                     | White  | 9.53                    | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 250           | 250                     | R6600         |
| PS-1000-2-WT-2                   | White  | 9.53                    | 24.13                   | 42.16                | 25.40               | 50.80                | 2               | 250           | 500                     | R6600         |
| PS-1000-2-WT-S                   | White  | 9.53                    | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 100           | 100                     | R6600         |
| PS-1500-2-WT                     | White  | 12.70                   | 36.83                   | 61.80                | 50.80               | 76.20                | 1               | 250           | 250                     | R6600         |
| PS-1500-2-WT-S                   | White  | 12.70                   | 36.83                   | 61.80                | 50.80               | 76.20                | 1               | 100           | 100                     | R6600         |

### Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace “WT with the abbreviation of the desired colour to order.

Example: PS-094-150-WT becomes PS-094-150-RD

#### Available Colours:

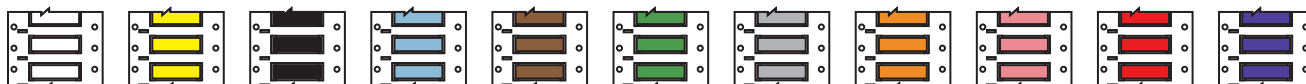
WT = White BR = Brown OR = Orange VT = Violet  
BK = Black GR = Green PK = Pink YL = Yellow  
BL = Blue GY = Gray RD = Red

### Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: PS-187-150-WT-S becomes PS-187-150-WT-S-4

This “4 means that this sleeve is slit into four pieces.



View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



# PermaSleeve™ Wire Marking Sleeves

## B-342 PERMASLEEVE™ POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

Double-sided Printable, 50.80 mm width



Use the table below to browse all available double-sided printing, 50.80 mm width B-342 PermaSleeve™ 3PS Polyolefin Wire Marking Sleeves.

| Order Reference  | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|------------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| 3PS-094-2-WT     | White  | 0.58                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| 3PS-094-2-WT-2   | White  | 0.58                    | 2.03                    | 4.60                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| 3PS-094-2-WT-3   | White  | 0.58                    | 2.03                    | 4.60                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| 3PS-094-2-WT-4   | White  | 0.58                    | 2.03                    | 4.60                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| 3PS-094-2-WT-S   | White  | 0.58                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| 3PS-094-2-WT-S-2 | White  | 0.58                    | 2.03                    | 4.60                 | 25.40               | 12.70                | 2               | 500           | 1000                    | R6600         |
| 3PS-125-2-WT     | White  | 1.17                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| 3PS-125-2-WT-2   | White  | 1.17                    | 2.79                    | 6.00                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| 3PS-125-2-WT-3   | White  | 1.17                    | 2.79                    | 6.00                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| 3PS-125-2-WT-4   | White  | 1.17                    | 2.79                    | 6.00                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| 3PS-125-2-WT-S   | White  | 1.17                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| 3PS-125-2-WT-S-2 | White  | 1.17                    | 2.79                    | 6.00                 | 25.40               | 12.70                | 2               | 500           | 1000                    | R6600         |
| 3PS-187-2-WT     | White  | 1.57                    | 3.81                    | 8.50                 | 50.80               | 15.88                | 1               | 2500          | 2500                    | R6600         |
| 3PS-187-2-WT-2   | White  | 1.57                    | 3.81                    | 8.50                 | 25.40               | 15.88                | 2               | 2500          | 5000                    | R6600         |
| 3PS-187-2-WT-3   | White  | 1.57                    | 3.81                    | 8.50                 | 16.94               | 15.88                | 3               | 2500          | 7500                    | R6600         |
| 3PS-187-2-WT-4   | White  | 1.57                    | 3.81                    | 8.50                 | 12.70               | 15.88                | 4               | 2500          | 10000                   | R6600         |
| 3PS-187-2-WT-S   | White  | 1.57                    | 3.81                    | 8.50                 | 50.80               | 15.88                | 1               | 500           | 500                     | R6600         |
| 3PS-187-2-WT-S-2 | White  | 1.57                    | 3.81                    | 8.50                 | 25.40               | 15.88                | 2               | 500           | 1000                    | R6600         |
| 3PS-187-2-WT-S-4 | White  | 1.57                    | 3.81                    | 8.50                 | 12.70               | 15.88                | 4               | 500           | 2000                    | R6600         |
| 3PS-250-2-WT     | White  | 2.39                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 2500          | 2500                    | R6600         |
| 3PS-250-2-WT-2   | White  | 2.39                    | 5.46                    | 11.15                | 25.40               | 19.05                | 2               | 2500          | 5000                    | R6600         |
| 3PS-250-2-WT-3   | White  | 2.39                    | 5.46                    | 11.15                | 16.94               | 19.05                | 3               | 2500          | 7500                    | R6600         |
| 3PS-250-2-WT-4   | White  | 2.39                    | 5.46                    | 11.15                | 12.70               | 19.05                | 4               | 2500          | 10000                   | R6600         |
| 3PS-250-2-WT-S   | White  | 2.39                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 500           | 500                     | R6600         |
| 3PS-250-2-WT-S-2 | White  | 2.39                    | 5.46                    | 11.15                | 25.40               | 19.05                | 2               | 500           | 1000                    | R6600         |
| 3PS-375-2-WT     | White  | 3.18                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 1000          | 1000                    | R6600         |
| 3PS-375-2-WT-2   | White  | 3.18                    | 8.13                    | 16.40                | 25.40               | 25.40                | 2               | 1000          | 2000                    | R6600         |
| 3PS-375-2-WT-3   | White  | 3.18                    | 8.13                    | 16.40                | 16.94               | 25.40                | 3               | 1000          | 3000                    | R6600         |
| 3PS-375-2-WT-4   | White  | 3.18                    | 8.13                    | 16.40                | 12.70               | 25.40                | 4               | 1000          | 4000                    | R6600         |
| 3PS-375-2-WT-S   | White  | 3.18                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 250           | 250                     | R6600         |
| 3PS-375-2-WT-S-2 | White  | 3.18                    | 8.13                    | 16.40                | 25.40               | 25.40                | 2               | 250           | 500                     | R6600         |
| 3PS-375-2-WT-S-4 | White  | 3.18                    | 8.13                    | 16.40                | 12.70               | 25.40                | 4               | 250           | 1000                    | R6600         |
| 3PS-500-2-WT     | White  | 4.75                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 500           | 500                     | R6600         |
| 3PS-500-2-WT-2   | White  | 4.75                    | 11.43                   | 21.60                | 25.40               | 31.75                | 2               | 500           | 1000                    | R6600         |
| 3PS-500-2-WT-S   | White  | 4.75                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 250           | 250                     | R6600         |
| 3PS-750-2-WT     | White  | 6.35                    | 17.78                   | 31.80                | 50.80               | 41.28                | 1               | 250           | 250                     | R6600         |
| 3PS-750-2-WT-S   | White  | 6.35                    | 17.78                   | 31.80                | 50.80               | 41.28                | 1               | 100           | 100                     | R6600         |
| 3PS-1000-2-WT    | White  | 9.53                    | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 250           | 250                     | R6600         |
| 3PS-1000-2-WT-S  | White  | 9.53                    | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 100           | 100                     | R6600         |
| 3PS-1500-2-WT    | White  | 12.70                   | 36.83                   | 61.80                | 50.80               | 76.20                | 1               | 250           | 250                     | R6600         |
| 3PS-1500-2-WT-S  | White  | 12.70                   | 36.83                   | 61.80                | 50.80               | 76.20                | 1               | 100           | 100                     | R6600         |

### Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace “WT” with the abbreviation of the desired colour to order.

Example: PS-094-150-**WT** becomes PS-094-150-**RD**

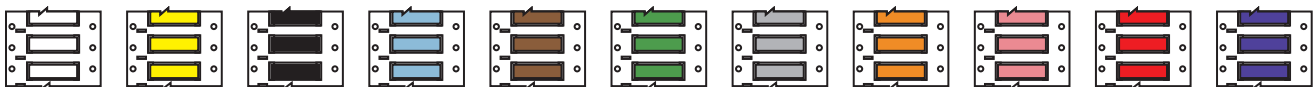
#### Available Colours:

WT = White BR = Brown OR = Orange VT = Violet  
BK = Black GR = Green PK = Pink YL = Yellow  
BL = Blue GY = Gray RD = Red

### Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: PS-187-150-WT-S becomes PS-187-150-WT-S-**4**  
This “4” means that this sleeve is slit into four pieces.

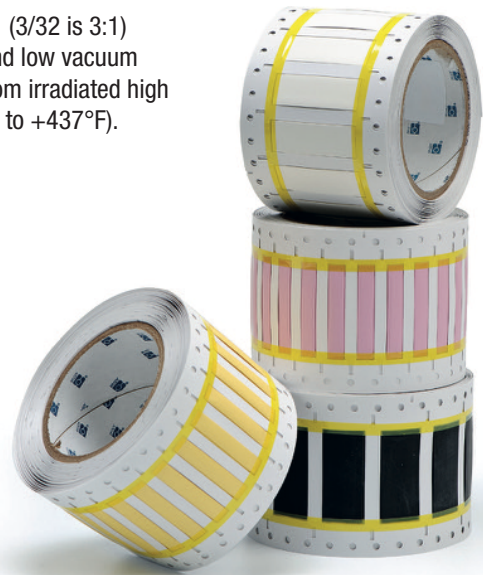
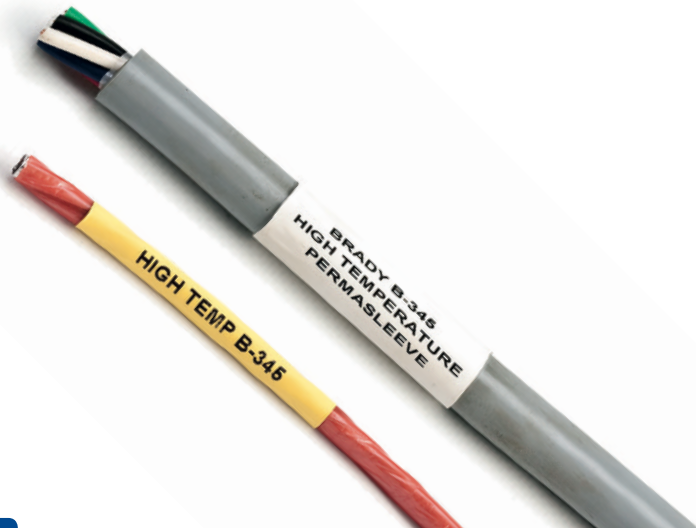


View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## B-345 PERMASLEEVE™ PVDF HIGH TEMPERATURE WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

B-345 PermaSleeve™ HT High Temperature PVDF Wire Marking Sleeves are a 2:1 (3/32 is 3:1) heat shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These heat shrinkable wire marking sleeves are made from irradiated high temperature PVDF and have an operating temperature of -55°C to +225°C (-67°F to +437°F).

### Performance Attributes:



### How to read your PermaSleeve™ order reference

#### Example order reference:

**2HT - 187 - 2 - WT - S**

| Product | Diameter | Width | Colour | Roll Size |
|---------|----------|-------|--------|-----------|
| 2HT     | 187      | 2     | WT     | S         |

#### Available options for B-345 PermaSleeve® HT Wire Marking Sleeves:

| Product Type                                       |
|----------------------------------------------------|
| Offered in Double Sided Product Format             |
| 3HT = 3:1 Shrink Ratio, 3/32" only, B-345          |
| 2HT = 2:1 Shrink Ratio, 1/8" through 1 1/2", B-345 |

| Sleeve Diameter                                       |
|-------------------------------------------------------|
| 094 = 3/32" size fits wire diameter 0.6mm - 2.0mm     |
| 125 = 1/8" size fits wire diameter 1.2mm - 2.8mm      |
| 187 = 3/16" size fits wire diameter 1.6mm - 3.8mm     |
| 250 = 1/4" size fits wire diameter 2.4mm - 5.5mm      |
| 375 = 3/8" size fits wire diameter 3.2mm - 8.1mm      |
| 500 = 1/2" size fits wire diameter 4.8mm - 11.4mm     |
| 750 = 3/4" size fits wire diameter 6.6mm - 17.8mm     |
| 1000 = 1" size fits wire diameter 11.4mm - 24.1mm     |
| 1500 = 1 1/2" size fits wire diameter 12.7mm - 36.8mm |

| Sleeve Width |
|--------------|
| 2 = 50.80mm  |

| Sleeve Colour |           |             |
|---------------|-----------|-------------|
| WT = White    | BL = Blue | YL = Yellow |
| BK = Black    | PK = Pink |             |

| Roll Size                                                         |                                                                    |
|-------------------------------------------------------------------|--------------------------------------------------------------------|
| Note: Small size is standard.                                     |                                                                    |
| If sleeve diameter is 094–250:<br>Standard Small Size ("S") = 500 | If sleeve diameter is 750–1500:<br>Standard Small Size ("S") = 100 |
| If sleeve diameter is 375–500<br>Standard Small Size ("S") = 250  |                                                                    |

**Recommended Ribbon Series:** R6000, R6600, and R4400 (with black sleeves) Series

**Recommended Printer Series:** BradyPrinter i7100 Industrial Label Printer, Brady IP™ Printer, BBP®72 Double Sided Printer

**Software Compatibility:** Brady Workstation, LabelMark™ Labelling Software, CodeSoft™ 9 Labelling Software

# PermaSleeve™ Wire Marking Sleeves

## B-345 PERMA Sleeve™ PVDF HIGH TEMPERATURE WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

Double-sided Printable, 50.80 mm width



Use the table below to browse all available double-sided printing, 50.80 mm width B-345 PermaSleeve™ HT High Temperature PVDF Wire Marking Sleeves.

| Order Reference | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|-----------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| 3HT-094-2-WT-S  | White  | 0.60                    | 2.00                    | 4.60                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| 2HT-125-2-WT-S  | White  | 1.20                    | 2.80                    | 6.00                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| 2HT-187-2-WT-S  | White  | 1.60                    | 3.80                    | 8.50                 | 50.80               | 15.88                | 1               | 500           | 500                     | R6600         |
| 2HT-250-2-WT-S  | White  | 2.40                    | 5.50                    | 11.15                | 50.80               | 19.05                | 1               | 500           | 500                     | R6600         |
| 2HT-375-2-WT-S  | White  | 3.20                    | 8.10                    | 16.40                | 50.80               | 25.40                | 1               | 250           | 250                     | R6600         |
| 2HT-500-2-WT-S  | White  | 4.80                    | 11.40                   | 21.60                | 50.80               | 31.75                | 1               | 250           | 250                     | R6600         |
| 2HT-750-2-WT-S  | White  | 6.60                    | 17.80                   | 31.80                | 50.80               | 41.28                | 1               | 100           | 100                     | R6600         |
| 2HT-1000-2-WT-S | White  | 11.40                   | 24.10                   | 42.16                | 50.80               | 50.80                | 1               | 100           | 100                     | R6600         |
| 2HT-1500-2-WT-S | White  | 12.70                   | 36.80                   | 61.80                | 50.80               | 76.20                | 1               | 100           | 100                     | R6600         |

### Choosing Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well.

Simply replace "WT" with the abbreviation of the desired colour to order.

Example: 2HT-094-2-**WT**-S becomes 2HT-094-2-**YL**-S

### Available Colours:

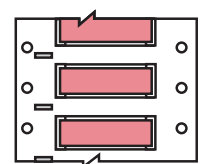
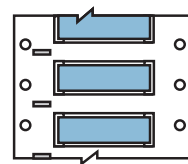
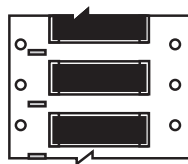
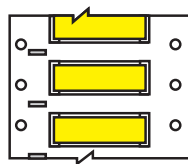
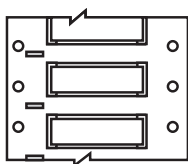
WT = White

BK = Black

BL = Blue

PK = Pink

YL = Yellow



## B-7641 PERMASLEEVE™ LSZH Low SMOKE ZERO HALOGEN POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

B-7641 Permasleeve LSZH low smoke zero halogen polyolefin wire marking sleeves are 2:1 heat shrinkable, halogen free wire marking sleeves. The wire marking sleeves offer outstanding fire safety properties and minimal smoke emission.

### Performance Attributes:



### How to read your PermaSleeve™ order reference

Example order reference:

**2LSZH - 187 - 2 - WT - S - 4**

|         |          |       |        |           |        |
|---------|----------|-------|--------|-----------|--------|
| Product | Diameter | Width | Colour | Roll Size | Pieces |
| 2LSZH   | 187      | 2     | WT     | S         | 4      |
|         |          |       |        | Optional  |        |

### Available options for B-7641 PermaSleeve™ LSZH Wire Marking Sleeves:

| Product Type                          |
|---------------------------------------|
| LSZH = Single Sided Printing, B-7641  |
| 2LSZH = Double Sided Printing, B-7641 |

| Sleeve Diameter                                         |
|---------------------------------------------------------|
| 094 = 3/32" size fits wire diameter 1.19mm - 2.03mm     |
| 125 = 1/8" size fits wire diameter 1.57mm - 2.79mm      |
| 187 = 3/16" size fits wire diameter 2.39mm - 3.83mm     |
| 250 = 1/4" size fits wire diameter 3.17mm - 5.46mm      |
| 375 = 3/8" size fits wire diameter 4.77mm - 8.13mm      |
| 500 = 1/2" size fits wire diameter 6.35mm - 11.43mm     |
| 750 = 3/4" size fits wire diameter 9.52mm - 17.78mm     |
| 1000 = 1" size fits wire dia. 11.43mm - 24.13mm         |
| 1500 = 1 1/2" size fits wire diameter 19.05mm - 35.56mm |
| 2000 = 2" size fits wire diameter 25.40mm - 48.26mm     |

| Sleeve Width   |
|----------------|
| 150 = 38.10 mm |
| 2 = 50.80 mm   |

| Sleeve Colour               |
|-----------------------------|
| Standard Colours            |
| WT = White      YL = Yellow |

| Optional: Roll Size                                                       |
|---------------------------------------------------------------------------|
| If sleeve diameter is 094-187:<br>Standard = 2,500      Small ("S") = 500 |
| If sleeve diameter is 250-375:<br>Standard = 1,000      Small ("S") = 250 |
| If sleeve diameter is 500:<br>Standard = 500      Small ("S") = 250       |
| If sleeve diameter is 750-1500:<br>Standard = 250      Small ("S") = 100  |
| If sleeve diameter is 2000:<br>Standard = 100      Small ("S") = 50       |

| Optional: Pieces Per Sleeve                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank.<br>Example: 2LSZH-187-2-WT-4 This "4" means this sleeve is slit into four pieces |
| Available options: 2, 3, or 4 pieces.                                                                                                                                                                              |

**Recommended Ribbon Series:** R4300, R6400, R6600

**Recommended Printer Series:** BradyPrinter i7100 Industrial Label Printer, BBP™72 Double Sided Printer

**Software Compatibility:** Brady Workstation, LabelMark™ Labelling Software, CodeSoft™ 9 Labelling Software



# PermaSleeve™ Wire Marking Sleeves

## B-7641 PERMASLEEVE™ LSZH Low SMOKE ZERO HALOGEN POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

Single-sided Printable, 50.80 mm width



Use the table below to browse all available single-sided printing, 50.80 mm width  
B-7641 Permasleeve™ LSZH Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves.

| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| LSZH-094-2-WT     | White  | 1.19                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| LSZH-094-2-WT-2   | White  | 1.19                    | 2.03                    | 4.60                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| LSZH-094-2-WT-3   | White  | 1.19                    | 2.03                    | 4.60                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| LSZH-094-2-WT-4   | White  | 1.19                    | 2.03                    | 4.60                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| LSZH-094-2-WT-S   | White  | 1.19                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| LSZH-125-150-YL-2 | Yellow | 1.57                    | 2.79                    | 6.00                 | 19.05               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| LSZH-125-2-WT     | White  | 1.57                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| LSZH-125-2-WT-2   | White  | 1.57                    | 2.79                    | 6.00                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| LSZH-125-2-WT-3   | White  | 1.57                    | 2.79                    | 6.00                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| LSZH-125-2-WT-4   | White  | 1.57                    | 2.79                    | 6.00                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| LSZH-125-2-WT-S   | White  | 1.57                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| LSZH-187-2-WT     | White  | 2.39                    | 3.83                    | 8.50                 | 50.80               | 15.88                | 1               | 2500          | 2500                    | R6600         |
| LSZH-187-2-WT-2   | White  | 2.39                    | 3.83                    | 8.50                 | 25.40               | 15.88                | 2               | 2500          | 5000                    | R6600         |
| LSZH-187-2-WT-3   | White  | 2.39                    | 3.83                    | 8.50                 | 16.94               | 15.88                | 3               | 2500          | 7500                    | R6600         |
| LSZH-187-2-WT-4   | White  | 2.39                    | 3.83                    | 8.50                 | 12.70               | 15.88                | 4               | 2500          | 10000                   | R6600         |
| LSZH-187-2-WT-S   | White  | 2.39                    | 3.83                    | 8.50                 | 50.80               | 15.88                | 1               | 500           | 500                     | R6600         |
| LSZH-250-2-WT     | White  | 3.17                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 2500          | 2500                    | R6600         |
| LSZH-250-2-WT-2   | White  | 3.17                    | 5.46                    | 11.15                | 25.40               | 19.05                | 2               | 2500          | 5000                    | R6600         |
| LSZH-250-2-WT-3   | White  | 3.17                    | 5.46                    | 11.15                | 16.94               | 19.05                | 3               | 2500          | 7500                    | R6600         |
| LSZH-250-2-WT-4   | White  | 3.17                    | 5.46                    | 11.15                | 12.70               | 19.05                | 4               | 2500          | 10000                   | R6600         |
| LSZH-250-2-WT-S   | White  | 3.17                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 500           | 500                     | R6600         |
| LSZH-375-2-WT     | White  | 4.77                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 1000          | 1000                    | R6600         |
| LSZH-375-2-WT-2   | White  | 4.77                    | 8.13                    | 16.40                | 25.40               | 25.40                | 2               | 1000          | 2000                    | R6600         |
| LSZH-375-2-WT-3   | White  | 4.77                    | 8.13                    | 16.40                | 16.94               | 25.40                | 3               | 1000          | 3000                    | R6600         |
| LSZH-375-2-WT-4   | White  | 4.77                    | 8.13                    | 16.40                | 12.70               | 25.40                | 4               | 1000          | 4000                    | R6600         |
| LSZH-375-2-WT-S   | White  | 4.77                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 250           | 250                     | R6600         |
| LSZH-500-2-WT     | White  | 6.35                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 500           | 500                     | R6600         |
| LSZH-500-2-WT-2   | White  | 6.35                    | 11.43                   | 21.60                | 25.40               | 31.75                | 2               | 500           | 1000                    | R6600         |
| LSZH-500-2-WT-3   | White  | 6.35                    | 11.43                   | 21.60                | 16.94               | 31.75                | 3               | 500           | 1500                    | R6600         |
| LSZH-500-2-WT-4   | White  | 6.35                    | 11.43                   | 21.60                | 12.70               | 31.75                | 4               | 500           | 2000                    | R6600         |
| LSZH-500-2-WT-S   | White  | 6.35                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 250           | 250                     | R6600         |
| LSZH-750-2-WT     | White  | 9.52                    | 17.78                   | 31.40                | 50.80               | 41.28                | 1               | 250           | 250                     | R6600         |
| LSZH-750-2-WT-2   | White  | 9.52                    | 17.78                   | 31.40                | 25.40               | 41.28                | 2               | 250           | 500                     | R6600         |
| LSZH-750-2-WT-3   | White  | 9.52                    | 17.78                   | 31.40                | 16.94               | 41.28                | 3               | 250           | 750                     | R6600         |
| LSZH-750-2-WT-4   | White  | 9.52                    | 17.78                   | 31.40                | 12.70               | 41.28                | 4               | 250           | 1000                    | R6600         |
| LSZH-750-2-WT-S   | White  | 9.52                    | 17.78                   | 31.40                | 50.80               | 41.28                | 1               | 100           | 100                     | R6600         |
| LSZH-1000-2-WT    | White  | 11.43                   | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 250           | 250                     | R6600         |
| LSZH-1000-2-WT-2  | White  | 11.43                   | 24.13                   | 42.16                | 25.40               | 50.80                | 2               | 250           | 500                     | R6600         |
| LSZH-1000-2-WT-3  | White  | 11.43                   | 24.13                   | 42.16                | 16.94               | 50.80                | 3               | 250           | 750                     | R6600         |
| LSZH-1000-2-WT-4  | White  | 11.43                   | 24.13                   | 42.16                | 12.70               | 50.80                | 4               | 250           | 1000                    | R6600         |
| LSZH-1000-2-WT-S  | White  | 11.43                   | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 100           | 100                     | R6600         |
| LSZH-1500-2-WT    | White  | 19.05                   | 35.56                   | 61.80                | 50.80               | 76.20                | 1               | 250           | 250                     | R6600         |
| LSZH-2000-2-WT    | White  | 25.40                   | 48.26                   | 80.40                | 50.80               | 101.60               | 1               | 100           | 100                     | R6600         |
| LSZH-2000-2-WT-S  | White  | 25.40                   | 48.26                   | 80.40                | 50.80               | 101.60               | 1               | 50            | 50                      | R6600         |
| LSZH-2000-3-WT    | White  | 25.40                   | 48.26                   | 80.40                | 76.20               | 101.60               | 1               | 100           | 100                     | R6600         |

### Choosing Your PermaSleeve Colour

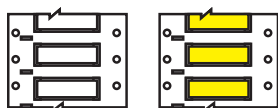
While white and yellow are standard colours, additional coloured sleeves are available as well. Simply replace "WT" with the abbreviation of the desired colour to order.

Example: ZH-094-2-WT-S becomes ZH-094-2-RD-S

#### Standard colours:

WT = White

YL = Yellow



### Choosing Your PermaSleeve Pieces (optional)

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: LSZH-187-2-WT becomes LSZH-187-2-WT-4

This "4" means that this sleeve is slit into four pieces.

#### Standard Options:

1 or 2 markers per sleeve

#### Other Available Slit Options:

3 or 4 markers per sleeve  
(Contact Brady Customer Service for availability)

## B-7641 PERMASLEEVE™ LSZH Low SMOKE ZERO HALOGEN POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

### Double-sided Printable, 50.80 mm width

Use the table below to browse all available double-sided printing, 50.80 mm width B-7641 Permasleeve™ LSZH Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves.



| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| 2LSZH-094-2-WT    | White  | 1.19                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| 2LSZH-094-2-WT-2  | White  | 1.19                    | 2.03                    | 4.60                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| 2LSZH-094-2-WT-3  | White  | 1.19                    | 2.03                    | 4.60                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| 2LSZH-094-2-WT-4  | White  | 1.19                    | 2.03                    | 4.60                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| 2LSZH-094-2-WT-S  | White  | 1.19                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| 2LSZH-125-2-WT    | White  | 1.57                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| 2LSZH-125-2-WT-2  | White  | 1.57                    | 2.79                    | 6.00                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| 2LSZH-125-2-WT-3  | White  | 1.57                    | 2.79                    | 6.00                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| 2LSZH-125-2-WT-4  | White  | 1.57                    | 2.79                    | 6.00                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| 2LSZH-125-2-WT-S  | White  | 1.57                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| 2LSZH-187-2-WT    | White  | 2.39                    | 3.83                    | 8.50                 | 50.80               | 15.88                | 1               | 2500          | 2500                    | R6600         |
| 2LSZH-187-2-WT-2  | White  | 2.39                    | 3.83                    | 8.50                 | 25.40               | 15.88                | 2               | 2500          | 5000                    | R6600         |
| 2LSZH-187-2-WT-3  | White  | 2.39                    | 3.83                    | 8.50                 | 16.94               | 15.88                | 3               | 2500          | 7500                    | R6600         |
| 2LSZH-187-2-WT-4  | White  | 2.39                    | 3.83                    | 8.50                 | 12.70               | 15.88                | 4               | 2500          | 10000                   | R6600         |
| 2LSZH-187-2-WT-S  | White  | 2.39                    | 3.83                    | 8.50                 | 50.80               | 15.88                | 1               | 500           | 500                     | R6600         |
| 2LSZH-250-2-WT    | White  | 3.17                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 2500          | 2500                    | R6600         |
| 2LSZH-250-2-WT-2  | White  | 3.17                    | 5.46                    | 11.15                | 25.40               | 19.05                | 2               | 2500          | 5000                    | R6600         |
| 2LSZH-250-2-WT-3  | White  | 3.17                    | 5.46                    | 11.15                | 16.94               | 19.05                | 3               | 2500          | 7500                    | R6600         |
| 2LSZH-250-2-WT-4  | White  | 3.17                    | 5.46                    | 11.15                | 12.70               | 19.05                | 4               | 2500          | 10000                   | R6600         |
| 2LSZH-250-2-WT-S  | White  | 3.17                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 500           | 500                     | R6600         |
| 2LSZH-375-2-WT    | White  | 4.77                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 1000          | 1000                    | R6600         |
| 2LSZH-375-2-WT-2  | White  | 4.77                    | 8.13                    | 16.40                | 25.40               | 25.40                | 2               | 1000          | 2000                    | R6600         |
| 2LSZH-375-2-WT-3  | White  | 4.77                    | 8.13                    | 16.40                | 16.94               | 25.40                | 3               | 1000          | 3000                    | R6600         |
| 2LSZH-375-2-WT-4  | White  | 4.77                    | 8.13                    | 16.40                | 12.70               | 25.40                | 4               | 1000          | 4000                    | R6600         |
| 2LSZH-375-2-WT-S  | White  | 4.77                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 250           | 250                     | R6600         |
| 2LSZH-500-2-WT    | White  | 6.35                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 500           | 500                     | R6600         |
| 2LSZH-500-2-WT-2  | White  | 6.35                    | 11.43                   | 21.60                | 25.40               | 31.75                | 2               | 500           | 1000                    | R6600         |
| 2LSZH-500-2-WT-3  | White  | 6.35                    | 11.43                   | 21.60                | 16.94               | 31.75                | 3               | 500           | 1500                    | R6600         |
| 2LSZH-500-2-WT-4  | White  | 6.35                    | 11.43                   | 21.60                | 12.70               | 31.75                | 4               | 500           | 2000                    | R6600         |
| 2LSZH-500-2-WT-S  | White  | 6.35                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 250           | 250                     | R6600         |
| 2LSZH-750-2-WT    | White  | 9.52                    | 17.78                   | 31.40                | 50.80               | 41.28                | 1               | 250           | 250                     | R6600         |
| 2LSZH-750-2-WT-2  | White  | 9.52                    | 17.78                   | 31.40                | 25.40               | 41.28                | 2               | 250           | 500                     | R6600         |
| 2LSZH-750-2-WT-3  | White  | 9.52                    | 17.78                   | 31.40                | 16.94               | 41.28                | 3               | 250           | 750                     | R6600         |
| 2LSZH-750-2-WT-4  | White  | 9.52                    | 17.78                   | 31.40                | 12.70               | 41.28                | 4               | 250           | 1000                    | R6600         |
| 2LSZH-750-2-WT-S  | White  | 9.52                    | 17.78                   | 31.40                | 50.80               | 41.28                | 1               | 100           | 100                     | R6600         |
| 2LSZH-1000-2-WT   | White  | 11.43                   | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 250           | 250                     | R6600         |
| 2LSZH-1000-2-WT-2 | White  | 11.43                   | 24.13                   | 42.16                | 25.40               | 50.80                | 2               | 250           | 500                     | R6600         |
| 2LSZH-1000-2-WT-3 | White  | 11.43                   | 24.13                   | 42.16                | 16.94               | 50.80                | 3               | 250           | 750                     | R6600         |
| 2LSZH-1000-2-WT-4 | White  | 11.43                   | 24.13                   | 42.16                | 12.70               | 50.80                | 4               | 250           | 1000                    | R6600         |
| 2LSZH-1000-2-WT-S | White  | 11.43                   | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 100           | 100                     | R6600         |
| 2LSZH-1500-2-WT   | White  | 19.05                   | 35.56                   | 61.80                | 50.80               | 76.20                | 1               | 250           | 250                     | R6600         |

### Choosing Your PermaSleeve Colour

While white and yellow are standard colours, additional coloured sleeves are available as well. Simply replace “WT with the abbreviation of the desired colour to order.

Example: ZH-094-2-**WT**-S becomes ZH-094-2-**RD**-S

#### Standard colours:

WT = White

YL = Yellow

### Choosing Your PermaSleeve Pieces (optional)

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: LSZH-187-2-WT becomes LSZH-187-2-WT-4

This “4 means that this sleeve is slit into four pieces.

#### Standard Options:

1 or 2 markers per sleeve

#### Other Available Slit Options:

3 or 4 markers per sleeve  
(Contact Brady Customer Service for availability)

## B-7642 PERMASLEEVE HX SELF-EXTINGUISHING POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable wire marking sleeves. The sleeves are high-temperature rated, highly flame retardant, and very flexible. These heat shrinkable wire marking sleeves have an operating temperature of -40°C to 120°C (-40°F to 248°F).

Performance Attributes:



### How to read your PermaSleeve™ order reference

Example order reference:

**2HX - 187 - 2 - WT - S - 4**  
 Product      Diameter      Width      Colour      Roll Size      Pieces  
 Optional\*

Available options for B-7642 PermaSleeve™ HX Wire Marking Sleeve:

| Product Type                        |
|-------------------------------------|
| HX = Single Sided Printing, B-7642  |
| 2HX = Double Sided Printing, B-7642 |

| Sleeve Diameter                                         |
|---------------------------------------------------------|
| 094 = 3/32" size fits wire diameter 1.19mm - 2.03mm     |
| 125 = 1/8" size fits wire diameter 1.57mm - 2.79mm      |
| 187 = 3/16" size fits wire diameter 2.39mm - 3.83mm     |
| 250 = 1/4" size fits wire diameter 3.17mm - 5.46mm      |
| 375 = 3/8" size fits wire diameter 4.77mm - 8.13mm      |
| 500 = 1/2" size fits wire diameter 6.35mm - 11.43mm     |
| 750 = 3/4" size fits wire diameter 9.52mm - 17.78mm     |
| 1000 = 1" size fits wire diameter 11.43mm - 24.13mm     |
| 1500 = 1 1/2" size fits wire diameter 19.05mm - 35.56mm |
| 2000 = 2" size fits wire diameter 25.40mm - 48.26mm     |

| Sleeve Width                                                                                       |
|----------------------------------------------------------------------------------------------------|
| 150 = 38.10 mm      2 = 2"      3 = 76.20 mm (only available in 1000, 1500, & 2000 diameter parts) |

| Sleeve Colour                                                              |
|----------------------------------------------------------------------------|
| Colours for HX and 2HX                                                     |
| WT = White      BL = Blue      GY = Gray      PK = Pink      VT = Violet   |
| BK = Black      GR = Green      OR = Orange      RD = Red      YL = Yellow |

| Optional: Roll Size                                                                             |                                                                                               |                                                                                           |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| If sleeve diameter is 094–187:<br>Standard = 2,500<br>Small ("S") = 500<br>Jumbo ("J") = 10,000 | If sleeve diameter is 500:<br>Standard = 500<br>Small ("S") = 250<br>Jumbo ("J") = 2,500      | If sleeve diameter is 1500:<br>Standard = 250<br>Small ("S") = 100<br>Jumbo ("J") = 1,000 |
| If sleeve diameter is 250:<br>Standard = 1,000<br>Small ("S") = 250<br>Jumbo ("J") = 7,500      | If sleeve diameter is 750–1000:<br>Standard = 250<br>Small ("S") = 100<br>Jumbo ("J") = 2,500 | If sleeve diameter is 2000:<br>Standard = 100<br>Small ("S") = 50<br>Jumbo ("J") = 1,000  |
| If sleeve diameter is 375:<br>Standard = 1,000<br>Small ("S") = 250<br>Jumbo ("J") = 2,500      |                                                                                               |                                                                                           |

| Optional: Pieces Per Sleeve                                                          |
|--------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, the sleeve can be split into multiple pieces. |
| Example: 2HX-187-2-WT-4 This "4" means the sleeve is slit into four pieces           |
| Available options: 2, 3, or 4 pieces.                                                |

**Recommended Ribbon Series:** R4300, R6400, R6600

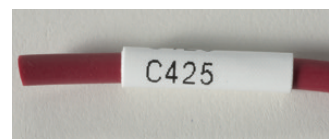
**Recommended Printer Series:** BradyPrinter i7100 Industrial Label Printer, BBP™72 Double Sided Printer

**Software Compatibility:** Brady Workstation, LabelMark™ Labelling Software, CodeSoft™ 9 Labelling Software

## B-7642 PERMASLEEVE HX SELF-EXTINGUISHING POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

### Single-sided Printable, 38.10 mm width

Use the table below to browse all available single-sided printing, 38.10 mm width B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves.



| Order Reference    | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|--------------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| HX-094-150-WT      | White  | 1.19                    | 2.03                    | 4.60                 | 38.10               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| HX-094-150-WT-2    | White  | 1.19                    | 2.03                    | 4.60                 | 19.05               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| HX-094-150-WT-J    | White  | 1.19                    | 2.03                    | 4.60                 | 38.10               | 12.70                | 1               | 10000         | 10000                   | R6600         |
| HX-094-150-WT-J-2  | White  | 1.19                    | 2.03                    | 4.60                 | 19.05               | 12.70                | 2               | 10000         | 20000                   | R6600         |
| HX-094-150-WT-S    | White  | 1.19                    | 2.03                    | 4.60                 | 38.10               | 12.70                | 1               | 500           | 500                     | R6600         |
| HX-125-150-WT      | White  | 1.57                    | 2.79                    | 6.00                 | 38.10               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| HX-125-150-WT-2    | White  | 1.57                    | 2.79                    | 6.00                 | 19.05               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| HX-125-150-WT-J    | White  | 1.57                    | 2.79                    | 6.00                 | 38.10               | 12.70                | 1               | 10000         | 10000                   | R6600         |
| HX-125-150-WT-J-2  | White  | 1.57                    | 2.79                    | 6.00                 | 19.05               | 12.70                | 2               | 10000         | 20000                   | R6600         |
| HX-125-150-WT-S    | White  | 1.57                    | 2.79                    | 6.00                 | 38.10               | 12.70                | 1               | 500           | 500                     | R6600         |
| HX-187-150-WT      | White  | 2.39                    | 3.83                    | 8.50                 | 38.10               | 15.88                | 1               | 2500          | 2500                    | R6600         |
| HX-187-150-WT-2    | White  | 2.39                    | 3.83                    | 8.50                 | 19.05               | 15.88                | 2               | 2500          | 5000                    | R6600         |
| HX-187-150-WT-J    | White  | 2.39                    | 3.83                    | 8.50                 | 38.10               | 15.88                | 1               | 10000         | 10000                   | R6600         |
| HX-187-150-WT-J-2  | White  | 2.39                    | 3.83                    | 8.50                 | 19.05               | 15.88                | 2               | 10000         | 20000                   | R6600         |
| HX-187-150-WT-S    | White  | 2.39                    | 3.83                    | 8.50                 | 38.10               | 15.88                | 1               | 500           | 500                     | R6600         |
| HX-250-150-WT      | White  | 3.17                    | 5.46                    | 11.15                | 38.10               | 19.05                | 1               | 1000          | 1000                    | R6600         |
| HX-250-150-WT-2    | White  | 3.17                    | 5.46                    | 11.15                | 19.05               | 19.05                | 2               | 1000          | 2000                    | R6600         |
| HX-250-150-WT-J    | White  | 3.17                    | 5.46                    | 11.15                | 38.10               | 19.05                | 1               | 7500          | 7500                    | R6600         |
| HX-250-150-WT-J-2  | White  | 3.17                    | 5.46                    | 11.15                | 19.05               | 19.05                | 2               | 7500          | 15000                   | R6600         |
| HX-250-150-WT-S    | White  | 3.17                    | 5.46                    | 11.15                | 38.10               | 19.05                | 1               | 500           | 500                     | R6600         |
| HX-375-150-WT      | White  | 4.77                    | 8.13                    | 16.40                | 38.10               | 25.40                | 1               | 1000          | 1000                    | R6600         |
| HX-375-150-WT-2    | White  | 4.77                    | 8.13                    | 16.40                | 19.05               | 25.40                | 2               | 1000          | 2000                    | R6600         |
| HX-375-150-WT-J    | White  | 4.77                    | 8.13                    | 16.40                | 38.10               | 25.40                | 1               | 2500          | 2500                    | R6600         |
| HX-375-150-WT-J-2  | White  | 4.77                    | 8.13                    | 16.40                | 19.05               | 25.40                | 2               | 2500          | 5000                    | R6600         |
| HX-500-150-WT      | White  | 6.35                    | 11.43                   | 21.60                | 38.10               | 31.75                | 1               | 500           | 500                     | R6600         |
| HX-500-150-WT-2    | White  | 6.35                    | 11.43                   | 21.60                | 19.05               | 31.75                | 2               | 500           | 1000                    | R6600         |
| HX-500-150-WT-J    | White  | 6.35                    | 11.43                   | 21.60                | 38.10               | 31.75                | 1               | 2500          | 2500                    | R6600         |
| HX-500-150-WT-J-2  | White  | 6.35                    | 11.43                   | 21.60                | 19.05               | 31.75                | 2               | 2500          | 5000                    | R6600         |
| HX-500-150-WT-S    | White  | 6.35                    | 11.43                   | 21.60                | 38.10               | 31.75                | 1               | 250           | 250                     | R6600         |
| HX-750-150-WT      | White  | 9.52                    | 17.78                   | 31.40                | 38.10               | 41.28                | 1               | 250           | 250                     | R6600         |
| HX-750-150-WT-2    | White  | 9.52                    | 17.78                   | 31.40                | 19.05               | 41.28                | 2               | 250           | 500                     | R6600         |
| HX-750-150-WT-J    | White  | 9.52                    | 17.78                   | 31.40                | 38.10               | 41.28                | 1               | 2500          | 2500                    | R6600         |
| HX-750-150-WT-J-2  | White  | 9.52                    | 17.78                   | 31.40                | 19.05               | 41.28                | 2               | 2500          | 5000                    | R6600         |
| HX-750-150-WT-S    | White  | 9.52                    | 17.78                   | 31.40                | 38.10               | 41.28                | 1               | 100           | 100                     | R6600         |
| HX-1000-150-WT     | White  | 11.43                   | 24.13                   | 42.16                | 38.10               | 50.80                | 1               | 250           | 250                     | R6600         |
| HX-1000-150-WT-2   | White  | 11.43                   | 24.13                   | 42.16                | 19.05               | 50.80                | 2               | 250           | 500                     | R6600         |
| HX-1000-150-WT-J   | White  | 11.43                   | 24.13                   | 42.16                | 38.10               | 50.80                | 1               | 2500          | 2500                    | R6600         |
| HX-1000-150-WT-J-2 | White  | 11.43                   | 24.13                   | 42.16                | 19.05               | 50.80                | 2               | 2500          | 5000                    | R6600         |
| HX-1000-150-WT-S   | White  | 11.43                   | 24.13                   | 42.16                | 38.10               | 50.80                | 1               | 100           | 100                     | R6600         |
| HX-1500-150-WT     | White  | 19.05                   | 35.56                   | 61.80                | 38.10               | 76.20                | 1               | 250           | 250                     | R6600         |
| HX-1500-150-WT-J   | White  | 19.05                   | 35.56                   | 61.80                | 38.10               | 76.20                | 1               | 1000          | 1000                    | R6600         |
| HX-2000-150-WT-J   | White  | 25.40                   | 48.26                   | 80.40                | 38.10               | 101.60               | 1               | 1000          | 1000                    | R6600         |

### Choosing Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace "WT" with the abbreviation of the desired colour to order.

Example: HX-094-2-WT-S becomes HX-094-2-RD-S

#### Available colours:

WT = White GR = Green PK = Pink VT = Violet  
BK = Black GY = Gray RD = Red YL = Yellow  
BL = Blue OR = Orange

### Choosing Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: HX-187-150-WT-S becomes HX-187-150-WT-S-4

This "4" means that this sleeve is slit into four pieces.

#### Standard Options:

1 or 2 markers per sleeve

#### Other Available Slit Options:

3 or 4 markers per sleeve  
(Contact Brady Customer Service for availability)



View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.



# PermaSleeve™ Wire Marking Sleeves

## B-7642 PERMASLEEVE HX SELF-EXTINGUISHING POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO



### Single-sided Printable, 50.80 mm width

Use the table below to browse all available single-sided printing, 50.80 mm width B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves.

| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| 2HX-094-2-WT      | White  | 1.19                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| 2HX-094-2-WT-2    | White  | 1.19                    | 2.03                    | 4.60                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| 2HX-094-2-WT-3    | White  | 1.19                    | 2.03                    | 4.60                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| 2HX-094-2-WT-4    | White  | 1.19                    | 2.03                    | 4.60                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| 2HX-094-2-WT-J    | White  | 1.19                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 10000         | 10000                   | R6600         |
| 2HX-094-2-WT-J-2  | White  | 1.19                    | 2.03                    | 4.60                 | 25.40               | 12.70                | 2               | 10000         | 20000                   | R6600         |
| 2HX-094-2-WT-J-3  | White  | 1.19                    | 2.03                    | 4.60                 | 16.94               | 12.70                | 3               | 10000         | 30000                   | R6600         |
| 2HX-094-2-WT-J-4  | White  | 1.19                    | 2.03                    | 4.60                 | 12.70               | 12.70                | 4               | 10000         | 40000                   | R6600         |
| 2HX-094-2-WT-S    | White  | 1.19                    | 2.03                    | 4.60                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| 2HX-125-2-WT      | White  | 1.57                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 2500          | 2500                    | R6600         |
| 2HX-125-2-WT-2    | White  | 1.57                    | 2.79                    | 6.00                 | 25.40               | 12.70                | 2               | 2500          | 5000                    | R6600         |
| 2HX-125-2-WT-3    | White  | 1.57                    | 2.79                    | 6.00                 | 16.94               | 12.70                | 3               | 2500          | 7500                    | R6600         |
| 2HX-125-2-WT-4    | White  | 1.57                    | 2.79                    | 6.00                 | 12.70               | 12.70                | 4               | 2500          | 10000                   | R6600         |
| 2HX-125-2-WT-J    | White  | 1.57                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 10000         | 10000                   | R6600         |
| 2HX-125-2-WT-J-2  | White  | 1.57                    | 2.79                    | 6.00                 | 25.40               | 12.70                | 2               | 10000         | 20000                   | R6600         |
| 2HX-125-2-WT-J-3  | White  | 1.57                    | 2.79                    | 6.00                 | 16.94               | 12.70                | 3               | 10000         | 30000                   | R6600         |
| 2HX-125-2-WT-J-4  | White  | 1.57                    | 2.79                    | 6.00                 | 12.70               | 12.70                | 4               | 10000         | 40000                   | R6600         |
| 2HX-125-2-WT-S    | White  | 1.57                    | 2.79                    | 6.00                 | 50.80               | 12.70                | 1               | 500           | 500                     | R6600         |
| 2HX-187-2-WT      | White  | 2.39                    | 3.83                    | 8.50                 | 50.80               | 15.88                | 1               | 2500          | 2500                    | R6600         |
| 2HX-187-2-WT-2    | White  | 2.39                    | 3.83                    | 8.50                 | 25.40               | 15.88                | 2               | 2500          | 5000                    | R6600         |
| 2HX-187-2-WT-3    | White  | 2.39                    | 3.83                    | 8.50                 | 16.94               | 15.88                | 3               | 2500          | 7500                    | R6600         |
| 2HX-187-2-WT-4    | White  | 2.39                    | 3.83                    | 8.50                 | 12.70               | 15.88                | 4               | 2500          | 10000                   | R6600         |
| 2HX-187-2-WT-J    | White  | 2.39                    | 3.83                    | 8.50                 | 50.80               | 15.88                | 1               | 10000         | 10000                   | R6600         |
| 2HX-187-2-WT-J-2  | White  | 2.39                    | 3.83                    | 8.50                 | 25.40               | 15.88                | 2               | 10000         | 20000                   | R6600         |
| 2HX-187-2-WT-J-3  | White  | 2.39                    | 3.83                    | 8.50                 | 16.94               | 15.88                | 3               | 10000         | 30000                   | R6600         |
| 2HX-187-2-WT-J-4  | White  | 2.39                    | 3.83                    | 8.50                 | 12.70               | 15.88                | 4               | 10000         | 40000                   | R6600         |
| 2HX-187-2-WT-S    | White  | 2.39                    | 3.83                    | 8.50                 | 50.80               | 15.88                | 1               | 500           | 500                     | R6600         |
| 2HX-250-2-WT      | White  | 3.17                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 1000          | 1000                    | R6600         |
| 2HX-250-2-WT-2    | White  | 3.17                    | 5.46                    | 11.15                | 25.40               | 19.05                | 2               | 1000          | 2000                    | R6600         |
| 2HX-250-2-WT-3    | White  | 3.17                    | 5.46                    | 11.15                | 16.94               | 19.05                | 3               | 1000          | 3000                    | R6600         |
| 2HX-250-2-WT-4    | White  | 3.17                    | 5.46                    | 11.15                | 12.70               | 19.05                | 4               | 1000          | 4000                    | R6600         |
| 2HX-250-2-WT-J    | White  | 3.17                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 7500          | 7500                    | R6600         |
| 2HX-250-2-WT-J-2  | White  | 3.17                    | 5.46                    | 11.15                | 25.40               | 19.05                | 2               | 7500          | 15000                   | R6600         |
| 2HX-250-2-WT-J-3  | White  | 3.17                    | 5.46                    | 11.15                | 16.94               | 19.05                | 3               | 7500          | 22500                   | R6600         |
| 2HX-250-2-WT-J-4  | White  | 3.17                    | 5.46                    | 11.15                | 12.70               | 19.05                | 4               | 7500          | 30000                   | R6600         |
| 2HX-250-2-WT-S    | White  | 3.17                    | 5.46                    | 11.15                | 50.80               | 19.05                | 1               | 500           | 500                     | R6600         |
| 2HX-375-2-WT      | White  | 4.77                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 1000          | 1000                    | R6600         |
| 2HX-375-2-WT-2    | White  | 4.77                    | 8.13                    | 16.40                | 25.40               | 25.40                | 2               | 1000          | 2000                    | R6600         |
| 2HX-375-2-WT-3    | White  | 4.77                    | 8.13                    | 16.40                | 16.94               | 25.40                | 3               | 1000          | 3000                    | R6600         |
| 2HX-375-2-WT-4    | White  | 4.77                    | 8.13                    | 16.40                | 12.70               | 25.40                | 4               | 1000          | 4000                    | R6600         |
| 2HX-375-2-WT-J    | White  | 4.77                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 2500          | 2500                    | R6600         |
| 2HX-375-2-WT-J-2  | White  | 4.77                    | 8.13                    | 16.40                | 25.40               | 25.40                | 2               | 2500          | 5000                    | R6600         |
| 2HX-375-2-WT-J-3  | White  | 4.77                    | 8.13                    | 16.40                | 16.94               | 25.40                | 3               | 2500          | 7500                    | R6600         |
| 2HX-375-2-WT-J-4  | White  | 4.77                    | 8.13                    | 16.40                | 12.70               | 25.40                | 4               | 2500          | 10000                   | R6600         |
| 2HX-375-2-WT-S    | White  | 4.77                    | 8.13                    | 16.40                | 50.80               | 25.40                | 1               | 250           | 250                     | R6600         |
| 2HX-500-2-WT      | White  | 6.35                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 500           | 500                     | R6600         |
| 2HX-500-2-WT-2    | White  | 6.35                    | 11.43                   | 21.60                | 25.40               | 31.75                | 2               | 500           | 1000                    | R6600         |
| 2HX-500-2-WT-3    | White  | 6.35                    | 11.43                   | 21.60                | 16.94               | 31.75                | 3               | 500           | 1500                    | R6600         |
| 2HX-500-2-WT-4    | White  | 6.35                    | 11.43                   | 21.60                | 12.70               | 31.75                | 4               | 500           | 2000                    | R6600         |
| 2HX-500-2-WT-J    | White  | 6.35                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 2500          | 2500                    | R6600         |
| 2HX-500-2-WT-J-2  | White  | 6.35                    | 11.43                   | 21.60                | 25.40               | 31.75                | 2               | 2500          | 5000                    | R6600         |
| 2HX-500-2-WT-J-3  | White  | 6.35                    | 11.43                   | 21.60                | 16.94               | 31.75                | 3               | 2500          | 7500                    | R6600         |
| 2HX-500-2-WT-J-4  | White  | 6.35                    | 11.43                   | 21.60                | 12.70               | 31.75                | 4               | 2500          | 10000                   | R6600         |
| 2HX-500-2-WT-S    | White  | 6.35                    | 11.43                   | 21.60                | 50.80               | 31.75                | 1               | 250           | 250                     | R6600         |
| 2HX-750-2-WT      | White  | 9.52                    | 17.78                   | 31.40                | 50.80               | 41.28                | 1               | 250           | 250                     | R6600         |
| 2HX-750-2-WT-2    | White  | 9.52                    | 17.78                   | 31.40                | 25.40               | 41.28                | 2               | 250           | 500                     | R6600         |
| 2HX-750-2-WT-3    | White  | 9.52                    | 17.78                   | 31.40                | 16.94               | 41.28                | 3               | 250           | 750                     | R6600         |
| 2HX-750-2-WT-4    | White  | 9.52                    | 17.78                   | 31.40                | 12.70               | 41.28                | 4               | 250           | 1000                    | R6600         |
| 2HX-750-2-WT-J    | White  | 9.52                    | 17.78                   | 31.40                | 50.80               | 41.28                | 1               | 2500          | 2500                    | R6600         |
| 2HX-750-2-WT-J-2  | White  | 9.52                    | 17.78                   | 31.40                | 25.40               | 41.28                | 2               | 2500          | 5000                    | R6600         |
| 2HX-750-2-WT-J-3  | White  | 9.52                    | 17.78                   | 31.40                | 16.94               | 41.28                | 3               | 2500          | 7500                    | R6600         |
| 2HX-750-2-WT-J-4  | White  | 9.52                    | 17.78                   | 31.40                | 12.70               | 41.28                | 4               | 2500          | 10000                   | R6600         |
| 2HX-1000-2-WT     | White  | 11.43                   | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 250           | 250                     | R6600         |
| 2HX-1000-2-WT-2   | White  | 11.43                   | 24.13                   | 42.16                | 25.40               | 50.80                | 2               | 250           | 500                     | R6600         |
| 2HX-1000-2-WT-3   | White  | 11.43                   | 24.13                   | 42.16                | 16.94               | 50.80                | 3               | 250           | 750                     | R6600         |
| 2HX-1000-2-WT-3-J | White  | 11.43                   | 24.13                   | 42.16                | 16.94               | 50.80                | 3               | 2500          | 7500                    | R6600         |
| 2HX-1000-2-WT-4   | White  | 11.43                   | 24.13                   | 42.16                | 12.70               | 50.80                | 4               | 250           | 1000                    | R6600         |
| 2HX-1000-2-WT-4-J | White  | 11.43                   | 24.13                   | 42.16                | 12.70               | 50.80                | 4               | 2500          | 10000                   | R6600         |
| 2HX-1000-2-WT-J   | White  | 11.43                   | 24.13                   | 42.16                | 50.80               | 50.80                | 1               | 2500          | 2500                    | R6600         |
| 2HX-1000-2-WT-J-2 | White  | 11.43                   | 24.13                   | 42.16                | 25.40               | 50.80                | 2               | 2500          | 5000                    | R6600         |
| 2HX-1500-2-WT     | White  | 19.05                   | 35.56                   | 61.80                | 50.80               | 76.20                | 1               | 250           | 250                     | R6600         |
| 2HX-1500-2-WT-J   | White  | 19.05                   | 35.56                   | 61.80                | 50.80               | 76.20                | 1               | 1000          | 1000                    | R6600         |
| 2HX-2000-2-WT     | White  | 25.40                   | 48.26                   | 80.40                | 50.80               | 101.60               | 1               | 100           | 100                     | R6600         |
| 2HX-2000-2-WT-J   | White  | 25.40                   | 48.26                   | 80.40                | 50.80               | 101.60               | 1               | 1000          | 1000                    | R6600         |

Choosing Your PermaSleeve Colour & Choosing Your PermaSleeve Pieces (optional): see previous page.

View the Material Brands & Attributes Guide on pages 8-11. Benchtop Printer Ribbons on page 219. Full Material Properties on page 228.

## B-7642 PERMASLEEVE HX SELF-EXTINGUISHING POLYOLEFIN WIRE MARKING SLEEVES, 2:1 SHRINK RATIO

### Double-sided Printable, 50.80 mm width

Use the table below to browse all available double-sided printing, 50.80 mm width  
B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves.



| Order Reference   | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|-------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| 2HX-094-2-WT      | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 2500          | 2500                    | R6600         |
| 2HX-094-2-WT-2    | White  | 1.19                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 2500          | 5000                    | R6600         |
| 2HX-094-2-WT-4    | White  | 1.19                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 2500          | 10000                   | R6600         |
| 2HX-094-2-WT-J    | White  | 1.19                    | 2.03                    | 4.60               | 50.80             | 12.70                | 1               | 10000         | 10000                   | R6600         |
| 2HX-094-2-WT-J-2  | White  | 1.19                    | 2.03                    | 4.60               | 25.40             | 12.70                | 2               | 10000         | 20000                   | R6600         |
| 2HX-094-2-WT-J-4  | White  | 1.19                    | 2.03                    | 4.60               | 12.70             | 12.70                | 4               | 10000         | 40000                   | R6600         |
| 2HX-125-2-WT      | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 2500          | 2500                    | R6600         |
| 2HX-125-2-WT-2    | White  | 1.57                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 2500          | 5000                    | R6600         |
| 2HX-125-2-WT-4    | White  | 1.57                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 2500          | 10000                   | R6600         |
| 2HX-125-2-WT-J    | White  | 1.57                    | 2.79                    | 6.00               | 50.80             | 12.70                | 1               | 10000         | 10000                   | R6600         |
| 2HX-125-2-WT-J-2  | White  | 1.57                    | 2.79                    | 6.00               | 25.40             | 12.70                | 2               | 10000         | 20000                   | R6600         |
| 2HX-125-2-WT-J-4  | White  | 1.57                    | 2.79                    | 6.00               | 12.70             | 12.70                | 4               | 10000         | 40000                   | R6600         |
| 2HX-187-2-WT      | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 2500          | 2500                    | R6600         |
| 2HX-187-2-WT-2    | White  | 2.39                    | 3.83                    | 8.50               | 25.40             | 15.88                | 2               | 2500          | 5000                    | R6600         |
| 2HX-187-2-WT-J    | White  | 2.39                    | 3.83                    | 8.50               | 50.80             | 15.88                | 1               | 10000         | 10000                   | R6600         |
| 2HX-187-2-WT-J-2  | White  | 2.39                    | 3.83                    | 8.50               | 25.40             | 15.88                | 2               | 10000         | 20000                   | R6600         |
| 2HX-250-2-WT      | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 1000          | 1000                    | R6600         |
| 2HX-250-2-WT-2    | White  | 3.17                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 1000          | 2000                    | R6600         |
| 2HX-250-2-WT-J    | White  | 3.17                    | 5.46                    | 11.15              | 50.80             | 19.05                | 1               | 7500          | 7500                    | R6600         |
| 2HX-250-2-WT-J-2  | White  | 3.17                    | 5.46                    | 11.15              | 25.40             | 19.05                | 2               | 7500          | 15000                   | R6600         |
| 2HX-375-2-WT      | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 1000          | 1000                    | R6600         |
| 2HX-375-2-WT-2    | White  | 4.77                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 1000          | 2000                    | R6600         |
| 2HX-375-2-WT-J    | White  | 4.77                    | 8.13                    | 16.40              | 50.80             | 25.40                | 1               | 2500          | 2500                    | R6600         |
| 2HX-375-2-WT-J-2  | White  | 4.77                    | 8.13                    | 16.40              | 25.40             | 25.40                | 2               | 2500          | 5000                    | R6600         |
| 2HX-500-2-WT      | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 500           | 500                     | R6600         |
| 2HX-500-2-WT-2    | White  | 6.35                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 500           | 1000                    | R6600         |
| 2HX-500-2-WT-J    | White  | 6.35                    | 11.43                   | 21.60              | 50.80             | 31.75                | 1               | 2500          | 2500                    | R6600         |
| 2HX-500-2-WT-J-2  | White  | 6.35                    | 11.43                   | 21.60              | 25.40             | 31.75                | 2               | 2500          | 5000                    | R6600         |
| 2HX-750-2-WT      | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 250           | 250                     | R6600         |
| 2HX-750-2-WT-2    | White  | 9.52                    | 17.78                   | 31.40              | 25.40             | 41.28                | 2               | 250           | 500                     | R6600         |
| 2HX-750-2-WT-J    | White  | 9.52                    | 17.78                   | 31.40              | 50.80             | 41.28                | 1               | 2500          | 2500                    | R6600         |
| 2HX-750-2-WT-J-2  | White  | 9.52                    | 17.78                   | 31.40              | 25.40             | 41.28                | 2               | 2500          | 5000                    | R6600         |
| 2HX-1000-2-WT     | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 250           | 250                     | R6600         |
| 2HX-1000-2-WT-2   | White  | 11.43                   | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 250           | 500                     | R6600         |
| 2HX-1000-2-WT-J   | White  | 11.43                   | 24.13                   | 42.16              | 50.80             | 50.80                | 1               | 2500          | 2500                    | R6600         |
| 2HX-1000-2-WT-J-2 | White  | 11.43                   | 24.13                   | 42.16              | 25.40             | 50.80                | 2               | 2500          | 5000                    | R6600         |
| 2HX-1500-2-WT     | White  | 19.05                   | 35.56                   | 61.80              | 50.80             | 76.20                | 1               | 250           | 250                     | R6600         |
| 2HX-1500-2-WT-J   | White  | 19.05                   | 35.56                   | 61.80              | 50.80             | 76.20                | 1               | 1000          | 1000                    | R6600         |
| 2HX-2000-2-WT     | White  | 25.40                   | 48.26                   | 80.40              | 50.80             | 101.60               | 1               | 100           | 100                     | R6600         |
| 2HX-2000-2-WT-J   | White  | 25.40                   | 48.26                   | 80.40              | 50.80             | 101.60               | 1               | 1000          | 1000                    | R6600         |

### Choosing Your PermaSleeve Colour

While white is a standard colour, additional coloured sleeves are available as well. Simply replace "WT" with the abbreviation of the desired colour to order.

Example: HX-094-2-WT-S becomes HX-094-2-RD-S

#### Available colours:

WT = White GR = Green PK = Pink YL = Yellow  
BK = Black GY = Gray RD = Red  
BL = Blue OR = Orange VT = Violet

### Choosing Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: HX-187-150-WT-S becomes HX-187-150-WT-S-4

This "4" means that this sleeve is slit into four pieces.

#### Standard Options:

1 or 2 markers per sleeve

#### Other Available Slit Options:

3 or 4 markers per sleeve  
(Contact Brady Customer Service for availability)

### Single-sided Printable, 76.20 mm width

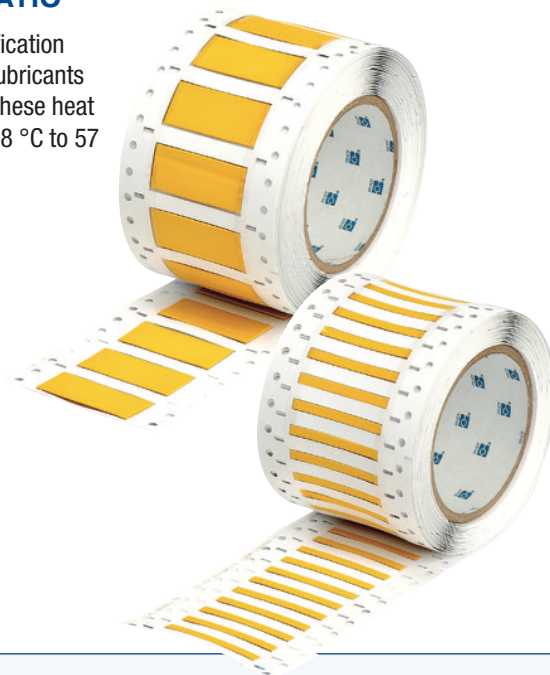
Use the table below to browse all available single-sided printing, 76.20 mm width  
B-7642 PermaSleeve™ HX Polyolefin Wire Marking Sleeves.



| Order Reference | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|-----------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| HX-1000-3-WT    | White  | 11.43                   | 24.13                   | 42.16              | 76.20             | 50.80                | 1               | 250           | 250                     | R6600         |
| HX-1000-3-WT-J  | White  | 11.43                   | 24.13                   | 42.16              | 76.20             | 50.80                | 1               | 2500          | 2500                    | R6600         |
| HX-1500-3-WT    | White  | 19.05                   | 35.56                   | 61.80              | 76.20             | 76.20                | 1               | 250           | 250                     | R6600         |
| HX-1500-3-WT-J  | White  | 19.05                   | 35.56                   | 61.80              | 76.20             | 76.20                | 1               | 1000          | 1000                    | R6600         |
| HX-2000-3-WT    | White  | 25.40                   | 48.26                   | 80.40              | 76.20             | 101.60               | 1               | 100           | 100                     | R6600         |
| HX-2000-3-WT-J  | White  | 25.40                   | 48.26                   | 80.40              | 76.20             | 101.60               | 1               | 1000          | 1000                    | R6600         |

## B-7646 PERMASLEEVE DIESEL RESISTANT POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

B-7646 PermaSleeves have been developed for wire and cable identification in applications that have exposures to organic fluids, common fuels, lubricants and solvents for extended periods of time and at high temperatures. These heat shrinkable wire marking sleeves have an operating temperature of -48 °C to 57 °C (-55 °F to 135 °F).



### How to read your PermaSleeve™ order reference

Example order reference:

**3DPS - 3.2x50 - B7646-YL - 2S**

Product      Max. Diameter      Width      Material & Colour      Pieces      Optional

### Available options for B-7646 PermaSleeve™ Diesel Resistant Wire Marking Sleeve:

| Product Type                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|
| 3:1DPS = Double Sided Printing, B-7646 Brady format<br>3DPS = Double Sided Printing, B-7646 Universal format |

| Sleeve Diameter                                |
|------------------------------------------------|
| 2.4 size fits wire diameter 0.8 mm - 2.4 mm    |
| 3.2 size fits wire diameter 1.2 mm - 3.2 mm    |
| 4.8 size fits wire diameter 1.5 mm - 4.8 mm    |
| 6.4 size fits wire diameter 1.8 mm - 6.4 mm    |
| 9.5 size fits wire diameter 3.0 mm - 9.5 mm    |
| 12.7 size fits wire diameter 3.8 mm - 12.7 mm  |
| 19.1 size fits wire diameter 6.0 mm - 19.1 mm  |
| 25.4 size fits wire diameter 8.0 mm - 25.4 mm  |
| 38.1 size fits wire diameter 18.0 mm - 38.1 mm |

| Sleeve Width |
|--------------|
| 2 = 50.80 mm |

| Sleeve Colour                           |
|-----------------------------------------|
| Standard Colour for B-7646: YL = Yellow |

| Optional: Pieces Per Sleeve                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces.<br>3DPS-3.2x50mm-B7646-YL-2S This "2" means this sleeve is slit into two pieces<br>Available options: 2, 3, or 4 pieces. |

**Recommended Ribbon Series:** R6600 Series

**Recommended Printer Series:** BradyPrinter i7100 Industrial Label Printer, Brady IP™ Printer, BBP™72 Double Sided Printer

**Software Compatibility:** Brady Workstation, LabelMark™ Labelling Software

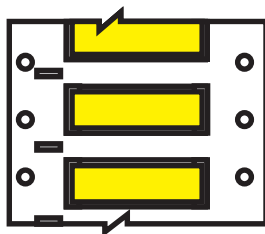
## B-7646 PERMASLEEVE DIESEL RESISTANT POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO

### Double-sided Printable, 50.80 mm width, Brady Format

Use the table below to browse all available double-sided printing, 50.80 mm width Brady Format B-7646 PermaSleeve™ Diesel Resistant Polyolefin Wire Marking Sleeves.



| Order Reference            | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height (mm) | Sleeve Width (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|----------------------------|--------|-------------------------|-------------------------|--------------------|-------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| 3:1DPS-3.2x50-B7646-YL     | Yellow | 1.20                    | 3.20                    | 6.60               | 50.80             | 15.88                | 1               | 2500          | 2500                    | R6600         |
| 3:1DPS-3.2x50-B7646-YL-2S  | Yellow | 1.20                    | 3.20                    | 6.60               | 25.40             | 15.88                | 2               | 2500          | 5000                    | R6600         |
| 3:1DPS-3.2x50-B7646-YL-3S  | Yellow | 1.20                    | 3.20                    | 6.60               | 16.94             | 15.88                | 3               | 2500          | 7500                    | R6600         |
| 3:1DPS-3.2x50-B7646-YL-4S  | Yellow | 1.20                    | 3.20                    | 6.60               | 12.70             | 15.88                | 4               | 2500          | 10000                   | R6600         |
| 3:1DPS-4.8x50-B7646-YL     | Yellow | 1.50                    | 4.80                    | 9.20               | 50.80             | 19.05                | 1               | 2500          | 2500                    | R6600         |
| 3:1DPS-4.8x50-B7646-YL-2S  | Yellow | 1.50                    | 4.80                    | 9.20               | 25.40             | 19.05                | 2               | 2500          | 5000                    | R6600         |
| 3:1DPS-4.8x50-B7646-YL-3S  | Yellow | 1.50                    | 4.80                    | 9.20               | 16.94             | 19.05                | 3               | 2500          | 7500                    | R6600         |
| 3:1DPS-4.8x50-B7646-YL-4S  | Yellow | 1.50                    | 4.80                    | 9.20               | 12.70             | 19.05                | 4               | 2500          | 10000                   | R6600         |
| 3:1DPS-6.4x50-B7646-YL     | Yellow | 1.80                    | 6.40                    | 11.25              | 50.80             | 25.40                | 1               | 2500          | 2500                    | R6600         |
| 3:1DPS-6.4x50-B7646-YL-2S  | Yellow | 1.80                    | 6.40                    | 11.25              | 25.40             | 25.40                | 2               | 2500          | 5000                    | R6600         |
| 3:1DPS-6.4x50-B7646-YL-3S  | Yellow | 1.80                    | 6.40                    | 11.25              | 16.94             | 25.40                | 3               | 2500          | 7500                    | R6600         |
| 3:1DPS-6.4x50-B7646-YL-4S  | Yellow | 1.80                    | 6.40                    | 11.25              | 12.70             | 25.40                | 4               | 2500          | 10000                   | R6600         |
| 3:1DPS-9.5x50-B7646-YL     | Yellow | 3.00                    | 9.50                    | 16.50              | 50.80             | 31.75                | 1               | 1000          | 1000                    | R6600         |
| 3:1DPS-9.5x50-B7646-YL-2S  | Yellow | 3.00                    | 9.50                    | 16.50              | 25.40             | 31.75                | 2               | 1000          | 2000                    | R6600         |
| 3:1DPS-9.5x50-B7646-YL-3S  | Yellow | 3.00                    | 9.50                    | 16.50              | 16.94             | 31.75                | 3               | 1000          | 3000                    | R6600         |
| 3:1DPS-9.5x50-B7646-YL-4S  | Yellow | 3.00                    | 9.50                    | 16.50              | 12.70             | 31.75                | 4               | 1000          | 4000                    | R6600         |
| 3:1DPS-12.7x50-B7646-YL    | Yellow | 3.80                    | 12.70                   | 20.80              | 50.80             | 41.28                | 1               | 500           | 500                     | R6600         |
| 3:1DPS-12.7x50-B7646-YL-2S | Yellow | 3.80                    | 12.70                   | 20.80              | 25.40             | 41.28                | 2               | 500           | 1000                    | R6600         |
| 3:1DPS-12.7x50-B7646-YL-3S | Yellow | 3.80                    | 12.70                   | 20.80              | 16.94             | 41.28                | 3               | 500           | 1500                    | R6600         |
| 3:1DPS-12.7x50-B7646-YL-4S | Yellow | 3.80                    | 12.70                   | 20.80              | 12.70             | 41.28                | 4               | 500           | 2000                    | R6600         |
| 3:1DPS-19x50-B7646-YL      | Yellow | 6.00                    | 19.10                   | 31.20              | 50.80             | 41.28                | 1               | 500           | 500                     | R6600         |
| 3:1DPS-19x50-B7646-YL-2S   | Yellow | 6.00                    | 19.10                   | 31.20              | 25.40             | 41.28                | 2               | 500           | 1000                    | R6600         |
| 3:1DPS-25x50-B7646-YL      | Yellow | 8.00                    | 25.40                   | 41.00              | 50.80             | 50.80                | 1               | 500           | 500                     | R6600         |
| 3:1DPS-25x50-B7646-YL-2S   | Yellow | 8.00                    | 25.40                   | 41.00              | 25.40             | 50.80                | 2               | 500           | 1000                    | R6600         |
| 3:1DPS-38x50-B7646-YL      | Yellow | 18.00                   | 38.10                   | 63.00              | 50.80             | 76.20                | 1               | 500           | 500                     | R6600         |
| 3:1DPS-38x50-B7646-YL-2S   | Yellow | 18.00                   | 38.10                   | 63.00              | 25.40             | 76.20                | 2               | 500           | 1000                    | R6600         |



### Choosing your PermaSleeve™ pieces (optional):

While 2 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: 3:1DPS-3.2x50mm-B7646-YL becomes 3:1DPS-3.2x50mm-B7646-YL-2S

This "2" means that this sleeve is slit into two pieces.

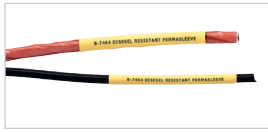
### Available options:

2, 3, or 4 pieces.



# PermaSleeve™ Wire Marking Sleeves

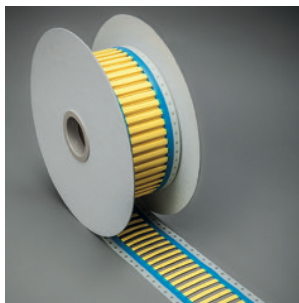
## B-7646 PERMASLEEVE DIESEL RESISTANT POLYOLEFIN WIRE MARKING SLEEVES, 3:1 SHRINK RATIO



### Double-sided Printable, 50.80 mm width, Universal format

Use the table below to browse all available double-sided printing, 50.80 mm width Universal Format B-7646 PermaSleeve™ Diesel Resistant Polyolefin Wire Marking Sleeves.

| Order Reference                 | Colour | Min. Wire Diameter (mm) | Max. Wire Diameter (mm) | Sleeve Height B (mm) | Sleeve Width A (mm) | Vertical Repeat (mm) | Sleeves per Row | Rows per Roll | Total Quantity per pack | Ribbon Series |
|---------------------------------|--------|-------------------------|-------------------------|----------------------|---------------------|----------------------|-----------------|---------------|-------------------------|---------------|
| 3DPS-2.4x50mm-B7646YL           | Yellow | 0.80                    | 2.40                    | 4.80                 | 50.00               | 13.00                | 1               | 2500          | 2500                    | R6600         |
| 3DPS-2.4x50mm-B7646YL-2S        | Yellow | 0.80                    | 2.40                    | 4.80                 | 25.40               | 13.00                | 2               | 2500          | 5000                    | R6600         |
| 3DPS-2.4x50mm-B7646YL-3S        | Yellow | 0.80                    | 2.40                    | 4.80                 | 16.94               | 13.00                | 3               | 2500          | 7500                    | R6600         |
| 3DPS-2.4x50mm-B7646YL-4S        | Yellow | 0.80                    | 2.40                    | 4.80                 | 12.70               | 13.00                | 4               | 2500          | 10000                   | R6600         |
| 3DPS-3.2x50mm-B7646YL           | Yellow | 1.20                    | 3.20                    | 6.60                 | 50.00               | 13.00                | 1               | 2500          | 2500                    | R6600         |
| 3DPS-3.2x50mm-B7646YL-2S        | Yellow | 1.20                    | 3.20                    | 6.60                 | 25.40               | 13.00                | 2               | 2500          | 5000                    | R6600         |
| 3DPS-3.2x50mm-B7646YL-2S (5Kx2) | Yellow | 1.20                    | 3.20                    | 6.60                 | 25.40               | 13.00                | 2               | 5000          | 10000                   | R6600         |
| 3DPS-3.2x50mm-B7646YL-3S        | Yellow | 1.20                    | 3.20                    | 6.60                 | 16.94               | 13.00                | 3               | 2500          | 7500                    | R6600         |
| 3DPS-3.2x50mm-B7646YL-4S        | Yellow | 1.20                    | 3.20                    | 6.60                 | 12.70               | 13.00                | 4               | 2500          | 10000                   | R6600         |
| 3DPS-4.8x50mm-B7646YL           | Yellow | 1.50                    | 4.80                    | 9.20                 | 50.00               | 13.00                | 1               | 2500          | 2500                    | R6600         |
| 3DPS-4.8x50mm-B7646YL-2S        | Yellow | 1.50                    | 4.80                    | 9.20                 | 25.40               | 13.00                | 2               | 2500          | 5000                    | R6600         |
| 3DPS-4.8x50mm-B7646YL-3S        | Yellow | 1.50                    | 4.80                    | 9.20                 | 16.94               | 13.00                | 3               | 2500          | 7500                    | R6600         |
| 3DPS-4.8x50mm-B7646YL-4S        | Yellow | 1.50                    | 4.80                    | 9.20                 | 12.70               | 13.00                | 4               | 2500          | 10000                   | R6600         |
| 3DPS-6.4x50mm-B7646YL           | Yellow | 1.80                    | 6.40                    | 11.25                | 50.00               | 17.00                | 1               | 2500          | 2500                    | R6600         |
| 3DPS-6.4x50mm-B7646YL-2S        | Yellow | 1.80                    | 6.40                    | 11.25                | 25.40               | 17.00                | 2               | 2500          | 5000                    | R6600         |
| 3DPS-6.4x50mm-B7646YL-3S        | Yellow | 1.80                    | 6.40                    | 11.25                | 16.94               | 17.00                | 3               | 2500          | 7500                    | R6600         |
| 3DPS-6.4x50mm-B7646YL-4S        | Yellow | 1.80                    | 6.40                    | 11.25                | 12.70               | 17.00                | 4               | 2500          | 10000                   | R6600         |
| 3DPS-9.5x50mm-B7646YL           | Yellow | 3.00                    | 9.50                    | 16.50                | 50.00               | 25.40                | 1               | 1000          | 1000                    | R6600         |
| 3DPS-9.5x50mm-B7646YL-2S        | Yellow | 3.00                    | 9.50                    | 16.50                | 25.40               | 25.40                | 2               | 1000          | 2000                    | R6600         |
| 3DPS-9.5x50mm-B7646YL-3S        | Yellow | 3.00                    | 9.50                    | 16.50                | 16.94               | 25.40                | 3               | 1000          | 3000                    | R6600         |
| 3DPS-9.5x50mm-B7646YL-4S        | Yellow | 3.00                    | 9.50                    | 16.50                | 12.70               | 25.40                | 4               | 1000          | 4000                    | R6600         |
| 3DPS-12.7x50mm-B7646YL          | Yellow | 3.80                    | 12.70                   | 20.80                | 50.00               | 30.00                | 1               | 1000          | 1000                    | R6600         |
| 3DPS-12.7x50mm-B7646YL-2S       | Yellow | 3.80                    | 12.70                   | 20.80                | 25.40               | 30.00                | 2               | 1000          | 2000                    | R6600         |
| 3DPS-12.7x50mm-B7646YL-3S       | Yellow | 3.80                    | 12.70                   | 20.80                | 16.94               | 30.00                | 3               | 1000          | 3000                    | R6600         |
| 3DPS-12.7x50mm-B7646YL-4S       | Yellow | 3.80                    | 12.70                   | 20.80                | 12.70               | 30.00                | 4               | 1000          | 4000                    | R6600         |
| 3DPS-19.1x50mm-B7646YL          | Yellow | 6.00                    | 19.10                   | 31.20                | 50.00               | 42.00                | 1               | 1000          | 1000                    | R6600         |
| 3DPS-19.1x50mm-B7646YL-2S       | Yellow | 6.00                    | 19.10                   | 31.20                | 25.40               | 42.00                | 2               | 1000          | 2000                    | R6600         |
| 3DPS-19.1x50mm-B7646YL-3S       | Yellow | 6.00                    | 19.10                   | 31.20                | 16.94               | 42.00                | 3               | 1000          | 3000                    | R6600         |
| 3DPS-19.1x50mm-B7646YL-4S       | Yellow | 6.00                    | 19.10                   | 31.20                | 12.70               | 42.00                | 4               | 1000          | 4000                    | R6600         |
| 3DPS-25.4x50mm-B7646YL          | Yellow | 8.00                    | 25.40                   | 41.00                | 50.00               | 51.00                | 1               | 500           | 500                     | R6600         |
| 3DPS-25.4x50mm-B7646YL-2S       | Yellow | 8.00                    | 25.40                   | 41.00                | 25.40               | 51.00                | 2               | 500           | 1000                    | R6600         |
| 3DPS-25.4x50mm-B7646YL-3S       | Yellow | 8.00                    | 25.40                   | 41.00                | 16.94               | 51.00                | 3               | 500           | 1500                    | R6600         |
| 3DPS-25.4x50mm-B7646YL-4S       | Yellow | 8.00                    | 25.40                   | 41.00                | 12.70               | 51.00                | 4               | 500           | 2000                    | R6600         |
| 3DPS-38.1x50mm-B7646YL          | Yellow | 18.00                   | 38.10                   | 63.00                | 50.00               | 72.00                | 1               | 500           | 500                     | R6600         |
| 3DPS-38.1x50mm-B7646YL-2S       | Yellow | 18.00                   | 38.10                   | 63.00                | 25.40               | 72.00                | 2               | 500           | 1000                    | R6600         |
| 3DPS-38.1x50mm-B7646YL-3S       | Yellow | 18.00                   | 38.10                   | 63.00                | 16.94               | 72.00                | 3               | 500           | 1500                    | R6600         |
| 3DPS-38.1x50mm-B7646YL-4S       | Yellow | 18.00                   | 38.10                   | 63.00                | 12.70               | 72.00                | 4               | 500           | 2000                    | R6600         |



### Choosing your PermaSleeve™ pieces (optional):

While 2 marker per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply add the desired pieces per marker to the order reference.

Example: 3:1DPS-3.2x50mm-B7646-YL becomes 3:1DPS-3.2x50mm-B7646-YL-2S

This “2 means that this sleeve is slit into two pieces.

### Available options:

2, 3, or 4 pieces.

# Thermal Transfer Print Ribbons

All Brady ribbons are developed to meet the performance requirements of the materials to be printed. The reason for this is that the bond between the ribbon and the label is critical to the success of the legend permanence. Please refer to the Ribbon/Material Cross Reference Chart on the following page to determine the appropriate ribbon/material combination.

**i** Look for other printer specific print ribbons on pages:  
BMP71 page 102  
BBP33 page 131

## RIBBON CHARACTERISTICS

| Printer Ribbon Series | Formulation | Colour                  | Notes / Details                                                                                                                                                                                       |
|-----------------------|-------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R4300                 | Wax/Resin   | Black                   | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| R4400                 | Resin       | Blue                    | High density ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                                |
| R4500                 | Wax/Resin   | Blue, Red, Silver       | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| R4900                 | Resin       | Black                   | This ribbon has superb smear resistance at high temperatures and superior solvent resistance.                                                                                                         |
| R6000HF               | Resin       | Black                   | High density halogen free ribbon, excellent solvent resistance, high heat resistance, and super scratch resistance.                                                                                   |
| R6100                 | Wax/Resin   | Black                   | Outstanding durability for a general purpose ribbon. Reduced printhead energy requirements.                                                                                                           |
| R6200                 | Resin       | Black                   | Designed for harsh environment labelling applications. Superior abrasion, chemical and heat resistance. Ribbons include spindle.                                                                      |
| R6302                 | Resin       | Black                   | High density ribbon, excellent solvent resistance, high heat and scratch resistance.                                                                                                                  |
| R6400                 | Resin       | Black                   | Ultra high chemical resistance at high temperatures. Superior solvent resistance.                                                                                                                     |
| R6600                 | Resin       | Black                   | Diesel resistant ribbon for thermal printing on Brady PermaSleeve™ and Heatex™ Sleeves. This ribbon has excellent chemical and abrasion resistance.                                                   |
| R6700                 | Wax/Resin   | White                   | The White 6700 Series Thermal Transfer Ribbon offers high performance against scratching, smudging, and harsh chemicals. The ribbon can be used for printing on Brady's Black PermaSleeve™ materials. |
| R6800                 | Resin       | White                   | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| R7940                 | Wax         | Black                   | General purpose, standard performance wax ribbon for paper and temporary labelling.                                                                                                                   |
| R7942                 | Wax         | Black                   | General purpose, standard performance wax ribbon for paper and temporary labelling.                                                                                                                   |
| R7950                 | Wax/Resin   | Black, Blue, Green, Red | Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximise bar code readability.                                                            |
| R7953                 | Wax/Resin   | Black                   | Standard performance alternative wax/resin ribbon for R7950 with lower chemical and smear resistance.                                                                                                 |
| R7960                 | Resin       | Black                   | R7960, when printed on the appropriate Brady label, gives good solvent resistance, lower for alcohol, high print quality and excellent smear resistance.                                              |
| R7961                 | Resin       | Black                   | R7961 ribbon, when printed on the appropriate Brady label, gives excellent scratch and good chemical resistance.                                                                                      |
| R7962                 | Resin       | Black                   | R7962 is a high performance resin ribbon which gives high smear and scratch resistance and excellent solvent and gas fuel resistance.                                                                 |
| R7964                 | Resin       | Black                   | R7964 ribbon, when printed on the appropriate Brady label, gives good chemical resistance to solvents and sharp printing.                                                                             |
| R7990                 | Resin       | Blue, Green, Red, White | Good solvent, smear and high heat resistance colour ribbon.                                                                                                                                           |

## RIBBON / WIDTH CROSS REFERENCE GUIDE

| Ribbons THT 12.7 mm diameter core - ink side out |            |        |       |       |           |          |       |          |       |         |       |        |       |       |       |          |
|--------------------------------------------------|------------|--------|-------|-------|-----------|----------|-------|----------|-------|---------|-------|--------|-------|-------|-------|----------|
| Width (mm)                                       | Length (m) | Colour | WAX   |       | WAX/RESIN |          |       | RESIN    |       |         |       |        |       |       |       |          |
|                                                  |            |        | R7940 | R7942 | R4500     | R7950    | R7953 | R4400    | R4900 | R6000HF | R6400 | R6600  | R7960 | R7961 | R7964 | R7990    |
| 35.00                                            | 70.00      | Black  | R7940 | -     | -         | R7950    | -     | -        | R4900 | -       | -     | -      | R7960 | -     | -     | -        |
| 56.00                                            | 70.00      | Silver | -     | -     | R4500-SV  | -        | -     | -        | -     | -       | -     | -      | -     | -     | -     | -        |
| 65.00                                            | 70.00      | Black  | R7940 | -     | -         | R7950    | R7953 | -        | R4900 | R6000HF | R6400 | -      | R7960 | -     | R7964 | -        |
| 85.00                                            | 70.00      | Black  | R7940 | R7942 | -         | R7950    | R7953 | -        | R4900 | -       | -     | -      | R7960 | -     | -     | -        |
| 110.00                                           | 70.00      | Black  | R7940 | R7942 | -         | R7950    | R7953 | -        | R4900 | R6000HF | R6400 | R6600* | R7960 | R7961 | R7964 | -        |
| 110.00                                           | 70.00      | Blue   | -     | -     | -         | R7950-BL | -     | -        | -     | -       | -     | -      | -     | -     | -     | R7990-BL |
| 110.00                                           | 70.00      | Green  | -     | -     | -         | R7950-GR | -     | -        | -     | -       | -     | -      | -     | -     | -     | R7990-GR |
| 110.00                                           | 70.00      | Red    | -     | -     | -         | R7950-RD | -     | -        | -     | -       | -     | -      | -     | -     | -     | R7990-RD |
| 110.00                                           | 70.00      | White  | -     | -     | -         | -        | -     | R4400-WT | -     | -       | -     | -      | -     | -     | -     | R7990-WT |

\*102 mm wide x 74 m long.

| Ribbons IP Printer |            |        |           |             |          |             |             |          |            |          |          |          |             |
|--------------------|------------|--------|-----------|-------------|----------|-------------|-------------|----------|------------|----------|----------|----------|-------------|
| Width (mm)         | Length (m) | Colour | WAX/RESIN |             |          |             | RESIN       |          |            |          |          |          |             |
|                    |            |        | R4300     | R4500       | R6100    | R6700       | R4400       | R4900    | R6000HF    | R6200    | R6400    | R6600    | IP-R6800-WT |
| 40.00              | 300.00     | Black  | IP-R4306  | -           | -        | -           | -           | -        | IP-R6006HF | IP-R6206 | IP-R6406 | -        | -           |
| 60.00              | 300.00     | Black  | IP-R4302  | -           | IP-R6100 | -           | IP-R4400-WT | IP-R4902 | IP-R6000HF | IP-R6200 | IP-R6400 | IP-R6600 | -           |
| 60.00              | 300.00     | Blue   | -         | IP-R4500-BL | -        | -           | IP-R4400-BL | -        | -          | -        | -        | -        | -           |
| 60.00              | 300.00     | Green  | -         | -           | -        | -           | IP-R4400-GR | -        | -          | -        | -        | -        | -           |
| 60.00              | 300.00     | Red    | -         | IP-R4500-RD | -        | -           | IP-R4400-RD | -        | -          | -        | -        | -        | -           |
| 60.00              | 300.00     | White  | -         | -           | -        | IP-R6700-WT | -           | -        | -          | -        | -        | -        | IP-R6800-WT |
| 83.00              | 300.00     | Black  | IP-R4300  | -           | IP-R6102 | -           | -           | IP-R4900 | IP-R6002HF | IP-R6202 | IP-R6402 | IP-R6602 | -           |
| 83.00              | 300.00     | Blue   | -         | IP-R4502-BL | -        | -           | IP-R4402-BL | -        | -          | -        | -        | -        | -           |
| 83.00              | 300.00     | Green  | -         | -           | -        | -           | IP-R4402-GR | -        | -          | -        | -        | -        | -           |
| 83.00              | 300.00     | Red    | -         | IP-R4502-RD | -        | -           | IP-R4402-RD | -        | -          | -        | -        | -        | -           |
| 83.00              | 300.00     | Silver | -         | IP-R4502-SV | -        | -           | -           | -        | -          | -        | -        | -        | -           |
| 83.00              | 300.00     | White  | -         | -           | -        | IP-R6702-WT | IP-R4402-WT | -        | -          | -        | -        | -        | IP-R6802-WT |
| 110.00             | 300.00     | Black  | IP-R4307  | -           | IP-R6107 | -           | -           | -        | IP-R6007HF | IP-R6207 | IP-R6407 | IP-R6607 | -           |
| 110.00             | 300.00     | Blue   | -         | IP-R4507-BL | -        | -           | IP-R4407-BL | -        | -          | -        | -        | -        | -           |
| 110.00             | 300.00     | Red    | -         | IP-R4507-RD | -        | -           | IP-R4407-RD | -        | -          | -        | -        | -        | -           |
| 110.00             | 300.00     | White  | -         | -           | -        | IP-R6707-WT | IP-R4407-WT | -        | -          | -        | -        | -        | IP-R6807-WT |

## Ribbons THT 25.4 mm diameter core - ink side out

| Width<br>(mm) | Length<br>(m) | Colour | WAX   | WAX/RESIN |          |        |         |       |       |          | RESIN |          |         |            |          |       |              |       |          |       |       |       |       |       |
|---------------|---------------|--------|-------|-----------|----------|--------|---------|-------|-------|----------|-------|----------|---------|------------|----------|-------|--------------|-------|----------|-------|-------|-------|-------|-------|
|               |               |        | R7942 | R4300     | R4500    | R7950  | R7953   | R6100 | R6700 | R4400    | R4900 | R6000HF  | R6200   | R6300      | R6400    | R6600 | R6800-<br>WT | R7960 | R7961    | R7962 | R7964 |       |       |       |
| 25.40         | 300.00        | Black  | -     | R4311     | -        | R7950  | -       | -     | -     | -        | -     | -        | -       | -          | -        | -     | -            | -     | -        | -     |       |       |       |       |
| 40.00         | 300.00        | Black  | R7942 | R4306     | -        | R7950  | -       | -     | -     | -        | -     | -        | -       | -          | -        | -     | -            | -     | -        | -     |       |       |       |       |
| 60.00         | 300.00        | Black  | R7942 | R4302     | -        | R7950  | -       | -     | -     | -        | -     | R4400-WT | R4902   | R6000HF    | R6200    | R6300 | R6400        | R6600 | -        | R7960 | -     | -     | -     | R7964 |
| 60.00         | 300.00        | Blue   | -     | -         | R4500-BL | -      | -       | -     | -     | -        | -     | R4400-BL | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 60.00         | 300.00        | Green  | -     | -         | -        | -      | -       | -     | -     | -        | -     | R4400-GR | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 60.00         | 300.00        | Red    | -     | -         | R4500-RD | -      | -       | -     | -     | -        | -     | R4400-RD | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 60.00         | 300.00        | White  | -     | -         | -        | -      | -       | -     | -     | R6700-WT | -     | -        | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 83.00         | 300.00        | Black  | -     | R4300     | -        | R7950* | R7953** | -     | -     | -        | -     | R4900    | R6002HF | R6202      | R6307    | R6402 | R6602        | -     | R6800-WT | -     | -     | -     | -     | -     |
| 83.00         | 300.00        | Blue   | -     | -         | R4502-BL | -      | -       | -     | -     | -        | -     | R4402-BL | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 83.00         | 300.00        | Green  | -     | -         | -        | -      | -       | -     | -     | -        | -     | R4402-GR | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 83.00         | 300.00        | Red    | -     | -         | R4502-RD | -      | -       | -     | -     | -        | -     | R4402-RD | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 83.00         | 300.00        | Silver | -     | -         | R4502-SV | -      | -       | -     | -     | -        | -     | -        | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 83.00         | 300.00        | White  | -     | -         | -        | -      | -       | -     | -     | R6702-WT | -     | R4402-WT | -       | -          | -        | -     | -            | -     | R6802-WT | -     | -     | -     | -     | -     |
| 90.00         | 300.00        | Black  | R7942 | -         | -        | R7950  | R7953   | -     | -     | -        | -     | -        | -       | -          | -        | -     | -            | -     | R7960    | R7961 | R7962 | R7964 | -     |       |
| 110.00        | 300.00        | Black  | R7942 | R4307     | -        | R7950  | R7953   | R6107 | -     | -        | -     | -        | -       | R6007HF    | R6207    | R6302 | R6407        | R6607 | -        | -     | R7961 | R7962 | R7964 | -     |
| 110.00        | 300.00        | Blue   | -     | -         | -        | -      | -       | -     | -     | -        | -     | R4407-BL | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 110.00        | 300.00        | Red    | -     | -         | -        | -      | -       | -     | -     | -        | -     | R4407-RD | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 110.00        | 300.00        | White  | -     | -         | -        | -      | -       | -     | -     | R6707-WT | -     | R4407-WT | -       | -          | -        | -     | -            | -     | R6807-WT | -     | -     | -     | -     | -     |
| 130.00        | 300.00        | Black  | -     | R4304     | -        | R7950  | -       | -     | -     | -        | -     | R4904    | R6004HF | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 130.00        | 300.00        | White  | -     | -         | -        | -      | -       | -     | -     | -        | -     | R4404-WT | -       | -          | -        | -     | -            | -     | -        | -     | -     | -     | -     | -     |
| 170.00        | 300.00        | Black  | R7942 | R4308***  | -        | R7950  | -       | -     | -     | -        | -     | -        | -       | R6008HF*** | R6208*** | -     | -            | -     | -        | R7960 | R7961 | -     | -     | -     |

\*320 m long instead of 300 m. \*\*80 mm wide instead of 83 mm wide. \*\*\* 174 mm wide instead of 170mm wide.

# Thermal Transfer Print Ribbons

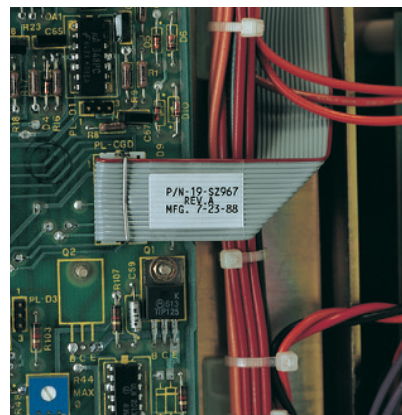
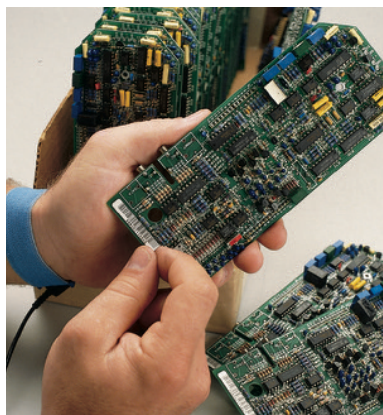
## RIBBON / MATERIAL CROSS-REFERENCE GUIDE

To ensure the best legend permanence, all ribbons have been developed to meet the requirements of the materials to be printed on. Use the guide below to determine which ribbon series is recommended with your print materials.

|    |                                                                 |
|----|-----------------------------------------------------------------|
| ●  | Recommended ribbon for use with respective material.            |
| ▲  | Acceptable ribbon for use with respective material.             |
| U  | Materials are <b>UL</b> recognised with its respective ribbon.  |
| C  | Materials are <b>CSA</b> approved with its respective ribbon.   |
| cU | Materials are <b>cUL</b> recognised with its respective ribbon. |
| W  | White ribbon                                                    |
| S  | Silver ribbon                                                   |

| B-#    | Material             | R4300   | R4400   | R4500 | R4900   | R6000HF  | R6100 | R6200   | R6300 | R6400   | R6600 | R6700 | R6800   | R7940 | R7942 | R7950   | R7961   |
|--------|----------------------|---------|---------|-------|---------|----------|-------|---------|-------|---------|-------|-------|---------|-------|-------|---------|---------|
| B-109  | Polyethylene Tag     | ●       | —       | —     | —       | —        | —     | ▲       | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-342  | PermaSleeve          | ●       | —       | ● S   | —       | —        | —     | —       | —     | —       | ●     | ● W   | —       | —     | —     | ●       | —       |
| B-345  | PermaSleeve          | —       | ▲ W     | —     | —       | ●        | —     | —       | —     | —       | ▲     | —     | ● W     | —     | —     | —       | —       |
| B-350  | Polyester/Paper      | —       | ▲       | —     | ● U     | ▲        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-351  | Vinyl                | —       | —       | —     | —       | ▲        | —     | ●       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-362  | Vinyl                | —       | —       | —     | —       | —        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-408  | Paper                | —       | —       | —     | —       | —        | ●     | —       | —     | —       | —     | —     | —       | ▲     | ▲     | —       | —       |
| B-412  | Polypropylene Tag    | ▲       | —       | —     | —       | —        | —     | ●       | —     | —       | —     | —     | —       | —     | —     | ▲       | ●       |
| B-413  | Polyester            | —       | ●       | —     | ▲       | ● cU / U | —     | ▲ cU    | —     | —       | —     | —     | —       | —     | —     | —       | ▲       |
| B-422  | Polyester            | —       | ●       | —     | ▲ U     | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | ▲       |
| B-423  | Polyester            | —       | ●       | —     | ▲ U     | ● U      | —     | ▲       | —     | —       | —     | —     | —       | —     | —     | —       | ▲       |
| B-423Y | Polyester            | —       | —       | —     | —       | ● U      | —     | ▲ U     | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-424  | Paper                | ●       | —       | ▲     | —       | —        | ▲     | —       | —     | —       | —     | —     | —       | ▲     | ▲     | ●       | —       |
| B-425  | Polypropylene        | ● U     | —       | ●     | —       | —        | —     | ● U / C | —     | ● U / C | —     | —     | —       | —     | —     | ●       | ▲ U / C |
| B-427  | Vinyl                | ● U     | —       | ▲     | —       | —        | —     | ▲ U     | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-428  | Polyester            | ● U / C | —       | —     | —       | —        | —     | ▲ C     | —     | —       | —     | —     | —       | —     | —     | ● U     | ▲       |
| B-430  | Polyester            | —       | ▲       | —     | ▲ U     | ● U      | —     | ▲       | —     | —       | —     | —     | —       | —     | —     | —       | ▲       |
| B-432  | Polyester            | —       | ▲       | —     | ▲ U     | ● U      | —     | ▲       | —     | —       | —     | —     | —       | —     | —     | —       | ▲       |
| B-434  | Polyester            | —       | —       | —     | ● U / C | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-435  | Polyester            | —       | —       | —     | ▲ U     | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-437  | Tedlar®              | ●       | —       | —     | —       | —        | —     | ●       | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-438  | Polyester            | ● U / C | —       | ▲     | —       | —        | —     | —       | —     | —       | —     | —     | —       | —     | —     | ● U / C | —       |
| B-439  | Vinyl                | —       | ▲ W     | —     | ▲       | ●        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-449  | Polyolefin           | ▲       | —       | —     | —       | —        | —     | ●       | —     | —       | —     | —     | —       | —     | —     | ▲       | ▲       |
| B-459  | Polyester            | —       | ▲ U     | —     | ▲ U / C | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-473  | Polyester            | —       | —       | —     | ▲ U     | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-480  | Polyester            | —       | ●       | —     | ▲       | ● cU / U | —     | ▲ U     | —     | —       | —     | —     | —       | —     | —     | —       | ▲       |
| B-483  | Polyester            | —       | ▲       | —     | ▲ U     | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-484  | Polyester            | —       | ▲       | —     | ▲ U     | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-486  | Polyester            | ● U / C | —       | —     | —       | —        | —     | ▲ C     | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-488  | Polyester            | ● U / C | —       | —     | —       | —        | —     | ▲ U / C | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-489  | Polyester            | ● U / C | —       | —     | —       | —        | —     | ▲ U / C | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-498  | Vinyl Cloth          | ▲       | —       | —     | —       | ▲        | —     | ● U     | —     | —       | —     | —     | —       | —     | —     | ▲       | ▲       |
| B-499  | Nylon                | ▲ U / C | —       | ▲     | ● U / C | ▲ U      | —     | ▲       | —     | —       | —     | —     | —       | —     | —     | ▲ U / C | ▲       |
| B-508  | Normex® Tag          | ●       | —       | —     | —       | —        | —     | —       | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-533  | Polyester            | —       | ●       | —     | ▲       | ●        | —     | ▲       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-593  | Polyester            | —       | ● U / W | —     | —       | ● cU / U | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-642  | Tedlar®              | ●       | —       | —     | —       | —        | —     | ●       | —     | —       | —     | —     | —       | —     | —     | ●       | —       |
| B-717  | Polyimide            | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-718  | Polyimide            | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-719  | Polyimide            | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-724  | Polyimide            | ●       | —       | —     | —       | —        | —     | —       | —     | —       | —     | —     | —       | —     | —     | ●       | —       |
| B-727  | Polyimide            | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-728  | Polyimide            | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-729  | Polyimide            | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-776  | Polyimide            | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-777  | Polyimide            | —       | —       | —     | ●       | —        | —     | —       | ● U   | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7351 | Destructible Vinyl   | —       | —       | —     | —       | ●        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7423 | Polyester            | —       | —       | —     | —       | ●        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | ▲       |
| B-7425 | Polypropylene        | ●       | —       | —     | —       | —        | —     | ▲       | —     | ●       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-7546 | Polyester            | —       | ▲       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7563 | Metallised Polyester | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | ▲ U     |
| B-7566 | Polyester            | —       | ●       | —     | —       | ●        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7576 | Polyester            | —       | ▲       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7593 | Polyester            | —       | —       | —     | ▲       | ●        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7594 | Polypropylene        | —       | —       | —     | —       | —        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | ● U     |
| B-7597 | Polyethylene         | ●       | —       | —     | —       | —        | —     | —       | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-7598 | Polyethylene Tag     | —       | ●       | —     | —       | ●        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7599 | Polyethylene Tag     | ●       | —       | —     | —       | —        | —     | —       | —     | —       | —     | —     | —       | —     | —     | ●       | ▲       |
| B-7606 | Paper                | ●       | —       | —     | —       | —        | —     | —       | —     | —       | —     | —     | —       | ▲     | ▲     | ●       | —       |
| B-7610 | Paper                | ●       | —       | —     | —       | —        | —     | —       | —     | —       | —     | —     | —       | ▲     | ▲     | ●       | —       |
| B-7641 | Polyolefin           | —       | —       | —     | —       | ●        | —     | —       | —     | —       | ●     | —     | —       | —     | —     | —       | —       |
| B-7642 | Polyolefin           | ●       | —       | —     | —       | —        | —     | —       | —     | ●       | ●     | —     | —       | —     | —     | ●       | —       |
| B-7643 | Polyurethane         | —       | ● W     | —     | ▲       | ●        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7646 | Polyolefin Sleeve    | —       | —       | —     | —       | —        | —     | —       | —     | —       | ●     | —     | —       | —     | —     | —       | —       |
| B-7696 | Vinyl Tag            | —       | —       | —     | —       | ●        | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-7727 | Polyimide            | —       | —       | —     | —       | ● U      | —     | —       | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-8117 | Polyester            | —       | ▲ U / W | —     | —       | —        | —     | —       | —     | —       | —     | —     | ● U / W | —     | —     | —       | —       |
| B-8423 | Polyester            | —       | ▲       | —     | —       | ▲ U      | —     | ● U / C | —     | —       | —     | —     | —       | —     | —     | —       | —       |
| B-8591 | Polymer              | —       | ● U / W | —     | —       | —        | —     | —       | —     | —       | ● U   | —     | —       | —     | —     | —       | —       |

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## Laser Materials

Brady laser printable polyester labels are ideal for small volume production runs. They eliminate the hassle of purchasing pre-printed labels, and permit better control of labelling design and cost.

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| General Identification and Asset Tracking Materials ..... | 222 |
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| Overlaminating Materials .....                            | 225 |
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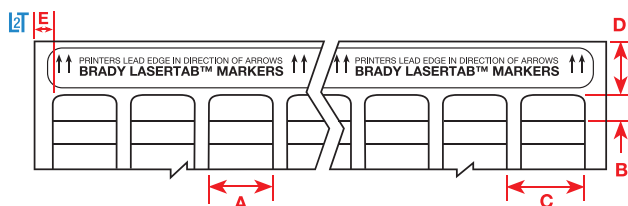




## GENERAL IDENTIFICATION AND ASSET TRACKING MATERIALS



Brady's polyester materials are perfect for on-demand printing of rating plates.



### B-707 ROUGH SURFACE WHITE POLYESTER

| Diagram | Order Reference | Material  | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat C (mm) | Top Margin<br>D (mm) | Left Margin<br>E (mm) | Labels per<br>Row | Labels per<br>Package |
|---------|-----------------|-----------|--------|-----------------------|------------------------|-----------------------------|----------------------|-----------------------|-------------------|-----------------------|
|         | LAT-45-707-10   | Polyester | White  | 12.70                 | 9.53                   | 15.24                       | 22.23                | 10.16                 | 13                | 10075                 |
|         | LAT-46-707-10   | Polyester | White  | 12.70                 | 12.70                  | 15.24                       | 22.23                | 10.16                 | 13                | 10127                 |
|         | LAT-8-707-10    | Polyester | White  | 25.40                 | 9.53                   | 27.94                       | 22.23                | 11.43                 | 7                 | 10150                 |
|         | LAT-7-707-10    | Polyester | White  | 25.40                 | 12.70                  | 27.94                       | 22.23                | 11.43                 | 7                 | 10108                 |
|         | LAT-41-707-10   | Polyester | White  | 38.10                 | 9.53                   | 40.64                       | 22.23                | 7.62                  | 5                 | 10000                 |
|         | LAT-47-707-10   | Polyester | White  | 38.10                 | 12.70                  | 40.64                       | 22.23                | 7.62                  | 5                 | 10000                 |
|         | LAT-13-707-2.5  | Polyester | White  | 47.63                 | 21.16                  | 50.88                       | 21.18                | 7.87                  | 4                 | 2508                  |
|         | LAT-31-707-1    | Polyester | White  | 50.80                 | 22.86                  | 71.12                       | 22.23                | 7.62                  | 3                 | 1020                  |
|         | LAT-33-707-1    | Polyester | White  | 50.80                 | 36.50                  | 71.12                       | 22.23                | 7.62                  | 3                 | 1008                  |
|         | LAT-21-707-1    | Polyester | White  | 63.50                 | 25.40                  | 66.04                       | 22.23                | 7.62                  | 3                 | 1026                  |
|         | LAT-43-707-2.5  | Polyester | White  | 73.03                 | 9.53                   | 73.03                       | 22.23                | 36.83                 | 2                 | 2520                  |
|         | LAT-34-707-1    | Polyester | White  | 76.20                 | 36.50                  | 81.28                       | 22.23                | 29.21                 | 2                 | 1008                  |
|         | LAT-44-707-2.5  | Polyester | White  | 91.44                 | 9.53                   | 91.44                       | 22.23                | 16.51                 | 2                 | 2520                  |

### B-759 GENERAL PURPOSE PAPER

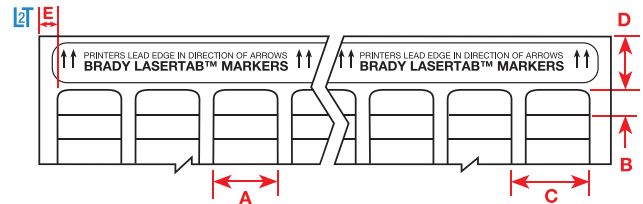
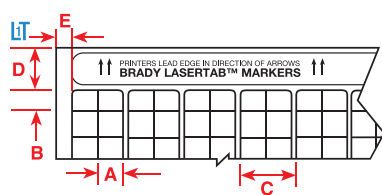
| Diagram | Order Reference | Material | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat C (mm) | Top Margin<br>D (mm) | Left Margin<br>E (mm) | Labels per<br>Row | Labels per<br>Package |
|---------|-----------------|----------|--------|-----------------------|------------------------|-----------------------------|----------------------|-----------------------|-------------------|-----------------------|
|         | LAT-5-759-10    | Paper    | White  | 20.32                 | 12.70                  | 25.40                       | 22.23                | 8.89                  | 8                 | 10032                 |
|         | LAT-13-759-2.5  | Paper    | White  | 47.63                 | 21.16                  | 50.88                       | 21.18                | 7.87                  | 4                 | 2508                  |
|         | LAT-31-759-1    | Paper    | White  | 50.80                 | 22.86                  | 71.12                       | 22.23                | 7.62                  | 3                 | 1020                  |
|         | LAT-33-759-1    | Paper    | White  | 50.80                 | 36.50                  | 71.12                       | 22.23                | 7.62                  | 3                 | 1008                  |
|         | LAT-32-759-1    | Paper    | White  | 76.20                 | 22.86                  | 81.28                       | 22.23                | 29.21                 | 2                 | 1000                  |
|         | LAT-34-759-1    | Paper    | White  | 76.20                 | 36.50                  | 81.28                       | 22.23                | 29.21                 | 2                 | 1008                  |
|         | LAT-178-759-WT  | Paper    | White  | 168.28                | 15.88                  | —                           | 22.23                | 23.81                 | 1                 | 150                   |

### B-773 METALLISED POLYESTER

| Diagram | Order Reference  | Material             | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat C (mm) | Top Margin<br>D (mm) | Left Margin<br>E (mm) | Labels per<br>Row | Labels per<br>Package |
|---------|------------------|----------------------|--------|-----------------------|------------------------|-----------------------------|----------------------|-----------------------|-------------------|-----------------------|
|         | ELAT-7-773       | Metallised Polyester | Silver | 25.00                 | 13.00                  | 27.50                       | 10                   | 14.3                  | 7                 | 10080                 |
|         | LAT-7-773-10     | Metallised Polyester | Silver | 25.40                 | 12.70                  | 27.94                       | 22.23                | 11.43                 | 7                 | 10108                 |
|         | ELAT-36-773-10   | Metallised Polyester | Silver | 27.00                 | 8.00                   | 31.00                       | 20                   | 14                    | 6                 | 10176                 |
|         | ELAT-37-773-5    | Metallised Polyester | Silver | 27.00                 | 12.50                  | 31.00                       | 20                   | 14                    | 6                 | 5040                  |
|         | ELAT-38-773-2.5  | Metallised Polyester | Silver | 27.00                 | 18.00                  | 31.00                       | 20                   | 14                    | 6                 | 2520                  |
|         | ELAT-35-773-2.5  | Metallised Polyester | Silver | 27.00                 | 27.00                  | 31.00                       | 20                   | 14                    | 6                 | 2538                  |
|         | LAT-20-773-2.5   | Metallised Polyester | Silver | 38.10                 | 19.05                  | 40.64                       | 22.23                | 6.35                  | 5                 | 2520                  |
|         | LAT-36-773-1     | Metallised Polyester | Silver | 40.64                 | 9.53                   | 48.77                       | 22.23                | 15.75                 | 4                 | 1000                  |
|         | ELAT-21-773      | Metallised Polyester | Silver | 63.00                 | 25.00                  | 65.00                       | 14.5                 | 8.5                   | 3                 | 1020                  |
|         | LAT-21-773-1     | Metallised Polyester | Silver | 63.50                 | 25.40                  | 66.04                       | 22.23                | 7.62                  | 3                 | 1026                  |
|         | ELAT-28-773-10SH | Metallised Polyester | Silver | 210.00                | 297.00                 | —                           | —                    | —                     | 1                 | 10                    |
|         | ELAT-28-773      | Metallised Polyester | Silver | 210.00                | 297.00                 | —                           | —                    | —                     | 1                 | 25                    |

# GENERAL IDENTIFICATION AND ASSET TRACKING MATERIALS

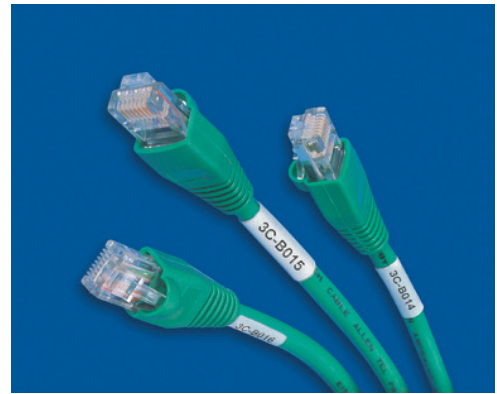
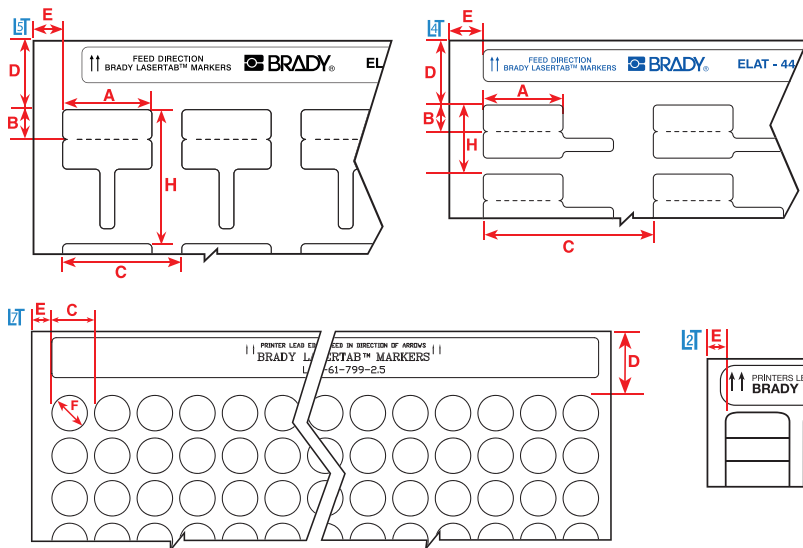
## B-747 WHITE OR YELLOW POLYESTER



| Diagram | Order Reference  | Material  | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal Repeat<br>C (mm) | Top Margin<br>D (mm) | Left Margin<br>E (mm) | Labels per<br>Row | Labels per<br>Package |
|---------|------------------|-----------|--------|-----------------------|------------------------|-----------------------------|----------------------|-----------------------|-------------------|-----------------------|
|         | LAT-26-747-10    | Polyester | White  | 6.35                  | 6.35                   | 15.24                       | 22.23                | 10.16                 | 26                | 10296                 |
|         | LAT-10-747-10    | Polyester | White  | 6.35                  | 47.63                  | 50.80                       | 22.23                | 7.98                  | 4                 | 10140                 |
|         | LAT-1-747-10     | Polyester | White  | 7.62                  | 6.35                   | 17.78                       | 22.23                | 11.43                 | 22                | 10032                 |
|         | LAT-2-747-10     | Polyester | White  | 9.53                  | 9.53                   | 12.70                       | 22.23                | 7.95                  | 16                | 10000                 |
|         | ELAT-41-747W-10  | Polyester | White  | 12.00                 | 12.00                  | 15.00                       | 20                   | 9                     | 13                | 10101                 |
|         | LAT-25-747-10    | Polyester | White  | 12.70                 | 11.10                  | 15.24                       | 22.23                | 10.16                 | 13                | 10010                 |
|         | ELAT-32-747W-10  | Polyester | White  | 15.00                 | 9.00                   | 19.00                       | 20                   | 12                    | 10                | 10150                 |
|         | ELAT-32-747Y-10  | Polyester | Yellow | 15.00                 | 9.00                   | 19.00                       | 20                   | 12                    | 10                | 10150                 |
|         | ELAT-3-747W-10   | Polyester | White  | 16.00                 | 6.00                   | 21.00                       | 14.5                 | 13                    | 9                 | 10350                 |
|         | LAT-29-747-10    | Polyester | White  | 16.51                 | 5.08                   | 20.32                       | 22.23                | 8.26                  | 10                | 10080                 |
|         | LAT-29-747-10-YL | Polyester | Yellow | 16.51                 | 5.08                   | 20.32                       | 22.23                | 8.26                  | 10                | 10080                 |
|         | LAT-29-747-2.5   | Polyester | White  | 16.51                 | 5.08                   | 20.32                       | 22.23                | 8.26                  | 10                | 2880                  |
|         | LAT-3-747-10     | Polyester | White  | 16.51                 | 6.35                   | 20.32                       | 22.23                | 8.26                  | 10                | 10260                 |
|         | ELAT-39-747W-10  | Polyester | White  | 18.00                 | 6.00                   | 21.00                       | 14.5                 | 12                    | 9                 | 10296                 |
|         | ELAT-40-747W-10  | Polyester | White  | 18.00                 | 8.00                   | 21.00                       | 20                   | 12                    | 9                 | 10080                 |
|         | ELAT-40-747YL-10 | Polyester | Yellow | 18.00                 | 8.00                   | 21.00                       | 20                   | 12                    | 9                 | 10080                 |
|         | ELAT-4-747W-10   | Polyester | White  | 20.00                 | 6.00                   | 25.00                       | 14.5                 | 20                    | 7                 | 10080                 |
|         | ELAT-4-747YL-10  | Polyester | Yellow | 20.00                 | 6.00                   | 25.00                       | 14.5                 | 20                    | 7                 | 10080                 |
|         | ELAT-31-747W-10  | Polyester | White  | 20.00                 | 8.00                   | 25.00                       | 20                   | 20                    | 7                 | 10080                 |
|         | ELAT-31-747YL-10 | Polyester | Yellow | 20.00                 | 8.00                   | 25.00                       | 20                   | 20                    | 7                 | 10080                 |
|         | LAT-4-747-10     | Polyester | White  | 20.32                 | 6.35                   | 25.40                       | 22.23                | 8.89                  | 8                 | 10032                 |
|         | LAT-4-747-10-YL  | Polyester | Yellow | 20.32                 | 6.35                   | 25.40                       | 22.23                | 8.89                  | 8                 | 10032                 |
|         | LAT-5-747-10     | Polyester | White  | 20.32                 | 12.70                  | 25.40                       | 22.23                | 8.89                  | 8                 | 10032                 |
|         | LAT-5-747-10-YL  | Polyester | Yellow | 20.32                 | 12.70                  | 25.40                       | 22.23                | 8.89                  | 8                 | 10032                 |
|         | ELAT-8-747W      | Polyester | White  | 25.00                 | 9.00                   | 27.50                       | 14.3                 | 10                    | 7                 | 10150                 |
|         | ELAT-7-747W      | Polyester | White  | 25.00                 | 13.00                  | 27.50                       | 14.3                 | 10                    | 7                 | 10080                 |
|         | LAT-6-747-10     | Polyester | White  | 25.40                 | 6.35                   | 27.94                       | 22.23                | 11.43                 | 7                 | 10108                 |
|         | LAT-8-747-10     | Polyester | White  | 25.40                 | 9.53                   | 27.94                       | 22.23                | 11.43                 | 7                 | 10150                 |
|         | LAT-8-747-10-YL  | Polyester | Yellow | 25.40                 | 9.53                   | 27.94                       | 22.23                | 11.43                 | 7                 | 10150                 |
|         | LAT-7-747-10     | Polyester | White  | 25.40                 | 12.70                  | 27.94                       | 22.23                | 11.43                 | 7                 | 10108                 |
|         | LAT-7-747-10-YL  | Polyester | Yellow | 25.40                 | 12.70                  | 27.94                       | 22.23                | 11.43                 | 7                 | 10108                 |
|         | ELAT-9-747W      | Polyester | White  | 38.00                 | 6.00                   | 43.00                       | 14.5                 | 21.5                  | 5                 | 10080                 |
|         | LAT-9-747-10     | Polyester | White  | 38.10                 | 6.35                   | 40.64                       | 22.23                | 7.62                  | 5                 | 10070                 |
|         | LAT-9-747-10-YL  | Polyester | Yellow | 38.10                 | 6.35                   | 40.64                       | 22.23                | 7.62                  | 5                 | 10070                 |
|         | ELAT-11-747      | Polyester | White  | 47.00                 | 9.00                   | 49.00                       | 14.5                 | 8                     | 4                 | 5104                  |
|         | ELAT-13-747W     | Polyester | White  | 47.00                 | 21.00                  | 49.00                       | 14.5                 | 8                     | 4                 | 2544                  |
|         | ELAT-13-747-YL   | Polyester | Yellow | 47.00                 | 21.00                  | 49.00                       | 14.5                 | 8                     | 4                 | 2544                  |
|         | LAT-11-747-5     | Polyester | White  | 47.63                 | 9.53                   | 50.80                       | 22.23                | 7.87                  | 4                 | 5000                  |
|         | LAT-11-747-5-YL  | Polyester | Yellow | 47.63                 | 9.53                   | 50.80                       | 22.23                | 7.87                  | 4                 | 5000                  |
|         | LAT-13-747-2.5   | Polyester | White  | 47.63                 | 21.16                  | 50.80                       | 21.18                | 7.87                  | 4                 | 2508                  |
|         | LAT-13-747YL-2.5 | Polyester | Yellow | 47.63                 | 21.16                  | 50.80                       | 21.18                | 7.87                  | 4                 | 2508                  |
|         | LAT-14-747-1.5   | Polyester | White  | 47.63                 | 33.78                  | 50.80                       | 21.18                | 8                     | 4                 | 1512                  |
|         | ELAT-33-747W-2.5 | Polyester | White  | 50.00                 | 12.00                  | 55.00                       | 20                   | 25                    | 3                 | 2520                  |
|         | LAT-31-747W-1    | Polyester | White  | 50.80                 | 22.86                  | 71.12                       | 22.23                | 7.62                  | 3                 | 1020                  |
|         | ELAT-21-747-YL   | Polyester | Yellow | 63.00                 | 25.00                  | 65.00                       | 14.5                 |                       | 3                 | 1020                  |
|         | LAT-21-747-1     | Polyester | White  | 63.50                 | 25.40                  | 66.04                       | 22.23                | 7.62                  | 3                 | 1026                  |
|         | LAT-21-747-1-YL  | Polyester | Yellow | 63.50                 | 25.40                  | 66.04                       | 22.23                | 7.62                  | 3                 | 1026                  |
|         | ELAT-34-747W-1   | Polyester | White  | 64.00                 | 34.00                  | 66.00                       | 20                   | 8                     | 3                 | 1008                  |
|         | LAT-12-747-2.5   | Polyester | White  | 76.20                 | 9.53                   | 81.28                       | 22.23                | 29.21                 | 2                 | 2500                  |
|         | LAT-12-747YL-2.5 | Polyester | Yellow | 76.20                 | 9.53                   | 81.28                       | 22.23                | 29.21                 | 2                 | 2500                  |
|         | LAT-32-747       | Polyester | White  | 76.20                 | 22.86                  | 81.28                       | 22.23                | 29.21                 | 2                 | 1000                  |
|         | LAT-34-747       | Polyester | White  | 76.20                 | 36.50                  | 81.28                       | 22.23                | 29.21                 | 2                 | 1008                  |
|         | ELAT-28-747-W    | Polyester | White  | 210.00                | 297.00                 | —                           |                      |                       | 1                 | 25                    |
|         | ELAT-28-747-YL   | Polyester | Yellow | 210.00                | 297.00                 | —                           |                      |                       | 1                 | 25                    |
|         | LAT-28-747-25SH  | Polyester | White  | 215.90                | 279.40                 | —                           |                      |                       | 1                 | 25                    |
|         | LAT-28-747Y-25SH | Polyester | Yellow | 215.90                | 279.40                 | —                           |                      |                       | 1                 | 25                    |

## WIRE AND CABLE MATERIALS

Brady cable labels have a proprietary adhesive that helps them stay attached. They adhere to cables without peeling when cables are flexed. Images remain clean and crisp, even after repeated handling.



### B-425 WHITE POLYPROPYLENE

| Diagram | Order Reference | Material      | Colour | Label Width A (mm) | Label Height B (mm) | Vertical Repeat H (mm) | Horizontal Repeat C (mm) | Top Margin D (mm) | Left Margin E (mm) | Max. Wire Diameter (mm) | Labels per Row | Labels per Package |
|---------|-----------------|---------------|--------|--------------------|---------------------|------------------------|--------------------------|-------------------|--------------------|-------------------------|----------------|--------------------|
|         | ELAT-44-425     | Polypropylene | White  | 30.00              | 10.00               | 26.00                  | 64.00                    | 27                | 16.5               | 4.50                    | 3              | 750                |
|         | ELAT-45-425     | Polypropylene | White  | 30.00              | 10.00               | 45.00                  | 40.00                    | 24                | 10                 | 4.50                    | 5              | 750                |

### B-799 WHITE NYLON CLOTH

| Diagram | Order Reference | Material    | Colour | Label Width A (mm) | Label Height B (mm) | Diameter F (mm) | Horizontal Repeat C (mm) | Top Margin D (mm) | Left Margin E (mm) | Labels per Row | Labels per Package |
|---------|-----------------|-------------|--------|--------------------|---------------------|-----------------|--------------------------|-------------------|--------------------|----------------|--------------------|
|         | LAT-40-799-1    | Nylon Cloth | White  | 12.70              | 19.05               |                 | 15.24                    | 22.23             | 10.16              | 13             | 1092               |
|         | LAT-40-799-5    | Nylon Cloth | White  | 12.70              | 19.05               |                 | 15.24                    | 22.23             | 10.16              | 13             | 5148               |
|         | LAT-38-799-1    | Nylon Cloth | White  | 12.70              | 36.50               |                 | 15.24                    | 22.23             | 7.62               | 13             | 1014               |
|         | LAT-38-799-2.5  | Nylon Cloth | White  | 12.70              | 36.50               |                 | 15.24                    | 22.23             | 10.16              | 13             | 2574               |
|         | LAT-29-799-10   | Nylon Cloth | White  | 16.51              | 5.08                |                 | 20.32                    | 22.23             | 8.38               | 10             | 10080              |
|         | LAT-37-799-1    | Nylon Cloth | White  | 20.32              | 36.50               |                 | 22.86                    | 22.23             | 7.62               | 9              | 1026               |
|         | LAT-37-799-2.5  | Nylon Cloth | White  | 20.32              | 36.50               |                 | 22.86                    | 22.23             | 7.62               | 9              | 2538               |
|         | LAT-8-799-10    | Nylon Cloth | White  | 25.40              | 9.53                |                 | 27.94                    | 22.23             | 11.43              | 7              | 10150              |
|         | LAT-7-799-10    | Nylon Cloth | White  | 25.40              | 12.70               |                 | 27.94                    | 22.23             | 11.43              | 7              | 10108              |
|         | LAT-39-799-1    | Nylon Cloth | White  | 25.40              | 36.50               |                 | 27.94                    | 22.23             | 7.62               | 7              | 1008               |
|         | LAT-39-799-2.5  | Nylon Cloth | White  | 25.40              | 36.50               |                 | 27.94                    | 22.23             | 7.62               | 7              | 2520               |
|         | LAT-9-799-10    | Nylon Cloth | White  | 38.10              | 6.35                |                 | 40.64                    | 22.23             | 7.62               | 5              | 10070              |
|         | LAT-60-799-2.5* | Nylon Cloth | White  | —                  | —                   | 9.53            | 12.70                    | 22.23             | 11.43              | 15             | 2565               |
|         | LAT-61-799-2.5* | Nylon Cloth | White  | —                  | —                   | 12.70           | 15.24                    | 22.23             | 17.78              | 12             | 2688               |

\*Vertical repeat is identical to horizontal repeat.

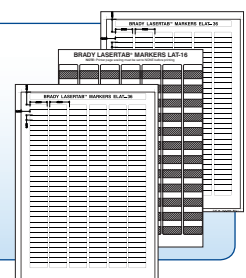


### DID YOU KNOW ? - LASER MATERIALS SETUP SHEETS

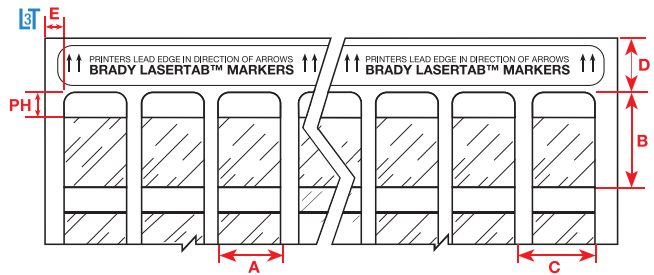
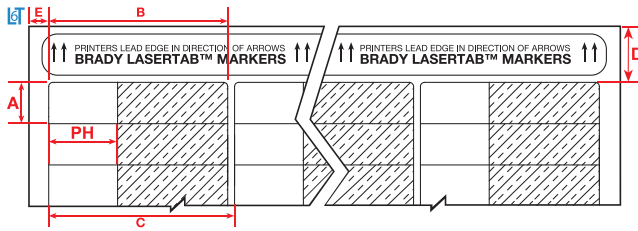
Looking for a preprinted blank template to calibrate the label design on your printer?

Each of our standard label layouts comes with a blank template which you can download and print on regular office printing paper, allowing you to make a draft paper copy before printing any of your actual labels, minimising waste.

Just search for the product on [www.bradyeurope.com](http://www.bradyeurope.com) using the order reference, and download the pdf.



## WIRE AND CABLE MATERIALS



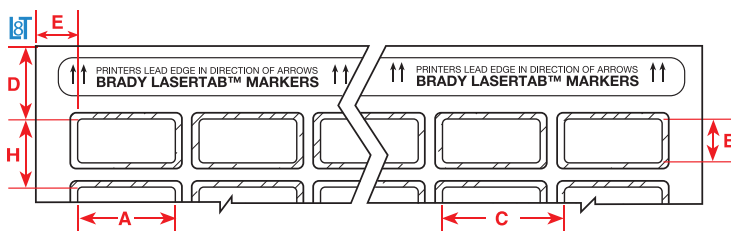
## B-361 SELF-LAMINATING POLYESTER

| Diagram | Order Reference | Material                  | Colour            | Label Width<br>A (mm) | Label Height<br>B (mm) | Printable<br>Area Height<br>PH (mm) | Horizontal<br>Repeat C<br>(mm) | Top<br>Margin<br>D (mm) | Left<br>Margin<br>E (mm) | Min. Wire<br>Diameter<br>(mm) | Max. Wire<br>Diameter<br>(mm) | Labels<br>per<br>Row | Labels<br>per<br>Package |
|---------|-----------------|---------------------------|-------------------|-----------------------|------------------------|-------------------------------------|--------------------------------|-------------------------|--------------------------|-------------------------------|-------------------------------|----------------------|--------------------------|
|         | LAT-57-361-2.5* | Self-laminating Polyester | White/Transparent | 9.53                  | 45.72                  | 19.05                               | 48.26                          | 22.23                   | 12.7                     | 4.90                          | 8.50                          | 4                    | 2500                     |
|         | ELAT-15-361-5   | Self-laminating Polyester | White/Transparent | 12.00                 | 19.00                  | 9.00                                | 14.50                          | 20                      | 12.00                    | 2.10                          | 3.20                          | 13                   | 5070                     |
|         | LAT-15-361-1    | Self-laminating Polyester | White/Transparent | 12.70                 | 19.05                  | 9.40                                | 15.24                          | 22.23                   | 10.16                    | 2.10                          | 3.10                          | 13                   | 1092                     |
|         | LAT-15-361-5    | Self-laminating Polyester | White/Transparent | 12.70                 | 19.05                  | 9.40                                | 15.24                          | 22.23                   | 10.16                    | 2.10                          | 3.10                          | 13                   | 5148                     |
|         | LAT-22-361-5    | Self-laminating Polyester | White/Transparent | 12.70                 | 38.10                  | 12.70                               | 15.24                          | 22.23                   | 10.16                    | 4.10                          | 8.10                          | 13                   | 5070                     |
|         | LAT-56-361-2.5* | Self-laminating Polyester | White/Transparent | 15.24                 | 41.28                  | 25.40                               | 43.82                          | 22.23                   | 21.59                    | 4.40                          | 5.10                          | 7                    | 2560                     |
|         | LAT-59-361-2.5* | Self-laminating Polyester | White/Transparent | 15.24                 | 66.04                  | 25.40                               | 68.58                          | 22.23                   | 5.41                     | 7.10                          | 13.00                         | 3                    | 2544                     |
|         | ELAT-18-361-2.5 | Self-laminating Polyester | White/Transparent | 25.00                 | 33.00                  | 11.00                               | 27.50                          | 14.5                    | 10.00                    | 3.60                          | 7.10                          | 7                    | 2520                     |
|         | ELAT-19-361     | Self-laminating Polyester | White/Transparent | 25.00                 | 80.44                  | 24.00                               | 27.94                          | 21.18                   | 11.43                    | 8.60                          | 18.00                         | 7                    | 1008                     |
|         | LAT-16-361-1    | Self-laminating Polyester | White/Transparent | 25.40                 | 19.05                  | 8.64                                | 27.94                          | 22.23                   | 11.43                    | 2.10                          | 3.40                          | 7                    | 1008                     |
|         | LAT-16-361-5    | Self-laminating Polyester | White/Transparent | 25.40                 | 19.05                  | 8.64                                | 27.94                          | 22.23                   | 11.43                    | 2.10                          | 3.40                          | 7                    | 5040                     |
|         | LAT-17-361-1    | Self-laminating Polyester | White/Transparent | 25.40                 | 25.40                  | 8.64                                | 27.94                          | 22.23                   | 11.43                    | 2.70                          | 5.40                          | 7                    | 1008                     |
|         | LAT-17-361-2.5  | Self-laminating Polyester | White/Transparent | 25.40                 | 25.40                  | 8.64                                | 27.94                          | 22.23                   | 11.43                    | 2.70                          | 5.40                          | 7                    | 2520                     |
|         | LAT-18-361-1    | Self-laminating Polyester | White/Transparent | 25.40                 | 33.78                  | 12.70                               | 27.94                          | 21.18                   | 11.43                    | 3.60                          | 6.80                          | 7                    | 1029                     |
|         | LAT-18-361-2.5  | Self-laminating Polyester | White/Transparent | 25.40                 | 33.78                  | 12.70                               | 27.94                          | 21.18                   | 11.43                    | 3.60                          | 6.80                          | 7                    | 2548                     |
|         | LAT-58-361-1    | Self-laminating Polyester | White/Transparent | 25.40                 | 66.68                  | 25.40                               | 27.94                          | 22.23                   | 11.43                    | 7.10                          | 13.20                         | 7                    | 1008                     |
|         | LAT-19-361-1    | Self-laminating Polyester | White/Transparent | 25.40                 | 80.44                  | 24.64                               | 27.94                          | 21.18                   | 11.43                    | 8.60                          | 17.80                         | 7                    | 1008                     |
|         | LAT-35-361-2.5  | Self-laminating Polyester | White/Transparent | 30.48                 | 38.10                  | 12.70                               | 32.23                          | 22.23                   | 10.16                    | 4.10                          | 8.10                          | 6                    | 2520                     |
|         | ELAT-27-361-1   | Self-laminating Polyester | White/Transparent | 47.00                 | 80.00                  | 25.00                               | 49.00                          | 20                      | 8.00                     | 8.50                          | 17.60                         | 4                    | 1008                     |
|         | LAT-27-361-1    | Self-laminating Polyester | White/Transparent | 47.63                 | 80.44                  | 24.59                               | 50.80                          | 22.23                   | 5.46                     | 8.60                          | 17.80                         | 4                    | 1008                     |

\*Label is rotated 90° on liner.

## OVERLAMINATING MATERIALS

Brady's durable PermaShield™ labels are protected by a clear overlaminate film, so they remain clear and easy-to-read, even in harsh environments.



## B-747/B-966 WHITE POLYESTER WITH CLEAR POLYESTER OVERLAMINATE

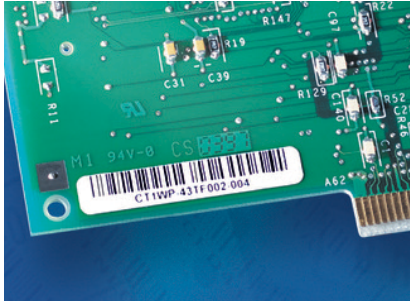
| Diagram | Order Reference | Material                              | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat C<br>(mm) | Vertical<br>Repeat H<br>(mm) | Top Margin<br>D (mm) | Left Margin<br>E (mm) | Labels per<br>Row | Labels per<br>Package |
|---------|-----------------|---------------------------------------|--------|-----------------------|------------------------|--------------------------------|------------------------------|----------------------|-----------------------|-------------------|-----------------------|
|         | LAT-23-747-2.5  | Polyester with Polyester Overlaminate | White  | 25.40                 | 12.70                  | 34.29                          | 25.40                        | 25.40                | 6.99                  | 6                 | 2520                  |
|         | LAT-24-747-1    | Polyester with Polyester Overlaminate | White  | 44.45                 | 25.40                  | 55.88                          | 34.93                        | 25.40                | 29.85                 | 3                 | 1008                  |

## B-773/B-966 METALLISED POLYESTER WITH CLEAR POLYESTER OVERLAMINATE

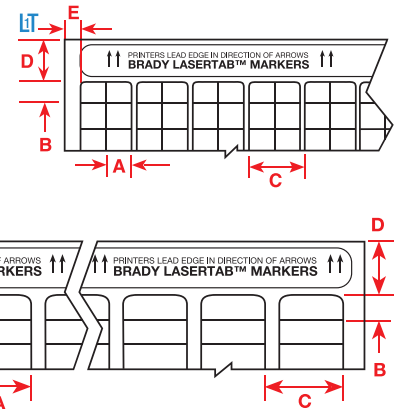
| Diagram | Order Reference | Material                                         | Colour | Label Width<br>A (mm) | Label Height<br>B (mm) | Horizontal<br>Repeat C<br>(mm) | Vertical<br>Repeat H<br>(mm) | Top Margin<br>D (mm) | Left Margin<br>E (mm) | Labels per<br>Row | Labels per<br>Package |
|---------|-----------------|--------------------------------------------------|--------|-----------------------|------------------------|--------------------------------|------------------------------|----------------------|-----------------------|-------------------|-----------------------|
|         | LAT-23-773-2.5  | Metallised Polyester with Polyester Overlaminate | Silver | 25.40                 | 12.70                  | 34.29                          | 25.40                        | 25.40                | 6.99                  | 6                 | 2520                  |
|         | LAT-24-773-1    | Metallised Polyester with Polyester Overlaminate | Silver | 44.45                 | 25.40                  | 55.88                          | 34.93                        | 25.40                | 29.85                 | 3                 | 1008                  |



## CIRCUIT BOARD MATERIALS



Brady label materials are specially engineered to resist the harsh environments associated with the processing of printed circuit boards. The high resolution of laser printing makes it possible to generate readable, dense bar codes on labels small enough to fit into limited application space.

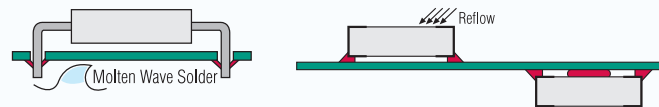


### B-652 HIGH TEMPERATURE AMBER POLYIMIDE

| Diagram | Order Reference | Material  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Top Margin D (mm) | Left Margin E (mm) | Labels per Row | Labels per Package |
|---------|-----------------|-----------|--------|--------------------|---------------------|--------------------------|-------------------|--------------------|----------------|--------------------|
|         | LAT-26-652-10   | Polyimide | Amber  | 6.35               | 6.35                | 15.24                    | 22.23             | 10.16              | 26             | 10296              |
|         | LAT-1-652-10    | Polyimide | Amber  | 7.62               | 6.35                | 17.78                    | 22.23             | 11.43              | 22             | 10032              |
|         | LAT-2-652-10    | Polyimide | Amber  | 9.53               | 9.53                | 12.70                    | 22.23             | 7.95               | 16             | 10000              |
|         | LAT-25-652-10   | Polyimide | Amber  | 12.70              | 11.10               | 15.24                    | 22.23             | 10.16              | 13             | 10010              |
|         | LAT-29-652-10   | Polyimide | Amber  | 16.51              | 5.08                | 20.32                    | 22.23             | 8.26               | 10             | 10080              |
|         | LAT-3-652-10    | Polyimide | Amber  | 16.51              | 6.35                | 20.32                    | 22.23             | 8.26               | 10             | 10260              |
|         | LAT-4-652-10    | Polyimide | Amber  | 20.32              | 6.35                | 25.40                    | 22.23             | 8.89               | 8              | 10032              |
|         | LAT-6-652-10    | Polyimide | Amber  | 25.40              | 6.35                | 27.94                    | 22.23             | 11.43              | 7              | 10108              |
|         | LAT-8-652-10    | Polyimide | Amber  | 25.40              | 9.53                | 27.94                    | 22.23             | 11.43              | 7              | 10150              |
|         | LAT-7-652-10    | Polyimide | Amber  | 25.40              | 12.70               | 27.94                    | 22.23             | 11.43              | 7              | 10108              |
|         | LAT-9-652-10    | Polyimide | Amber  | 38.10              | 6.35                | 40.64                    | 22.23             | 7.62               | 5              | 10070              |
|         | LAT-10-652-10   | Polyimide | Amber  | 47.63              | 6.35                | 50.80                    | 22.23             | 7.98               | 4              | 10140              |
|         | LAT-12-652-2.5  | Polyimide | Amber  | 76.20              | 9.53                | 81.28                    | 22.23             | 29.21              | 2              | 2500               |



### THERMAL TRANSFER PRINTABLE PRODUCTS CIRCUIT BOARD PROCESS CHART

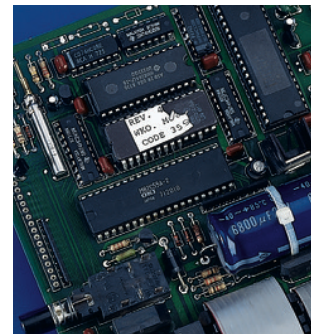
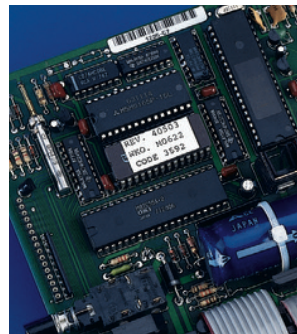
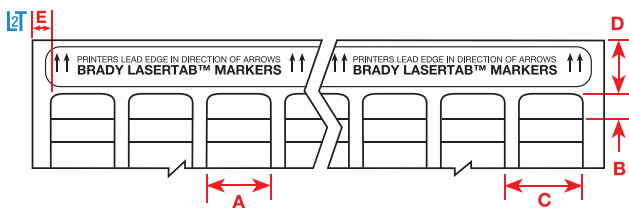


|                     | Through Hole Technology |        | Surface Mount Technology (SMT) |               |
|---------------------|-------------------------|--------|--------------------------------|---------------|
|                     | Top                     | Bottom | Top or Bottom                  | After Process |
| B-652               | Yes                     | Yes    | Yes                            | Yes           |
| B-747, B-773, B-799 | Yes*                    | No     | No                             | Yes           |

\*In extreme high temperature, testing of these materials is recommended

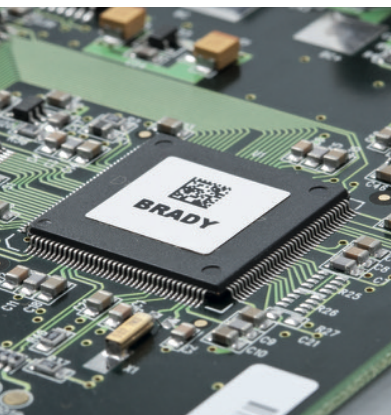
## TAMPER-EVIDENCE MATERIALS

Tamper-evident polyolefin (B-410) irreversibly stretches and fractures upon removal.



### B-410 TAMPER-EVIDENT WHITE POLYOLEFIN

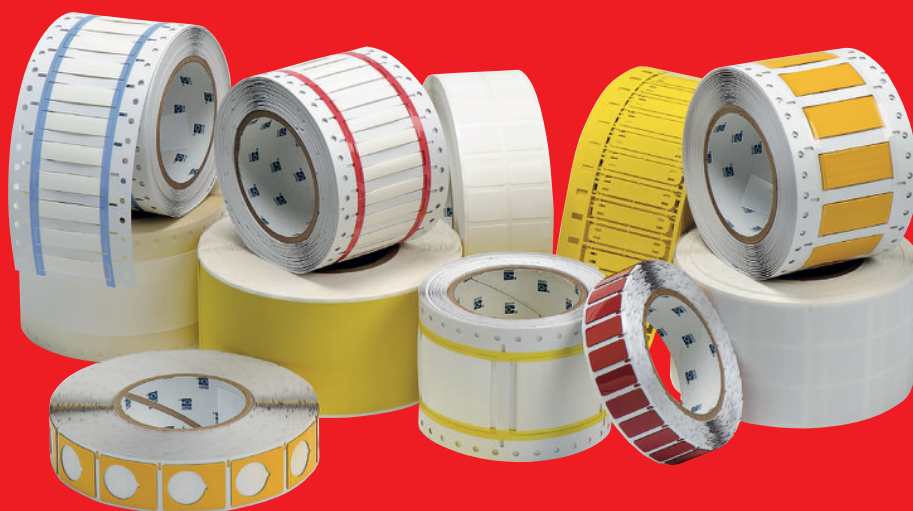
| Diagram | Order Reference | Material                  | Colour | Label Width A (mm) | Label Height B (mm) | Horizontal Repeat C (mm) | Top Margin D (mm) | Left Margin E (mm) | Labels per Row | Labels per Package |
|---------|-----------------|---------------------------|--------|--------------------|---------------------|--------------------------|-------------------|--------------------|----------------|--------------------|
|         | LAT-3-410-10    | Tamper-evident Polyolefin | White  | 16.51              | 6.35                | 20.32                    | 22.23             | 8.26               | 10             | 10260              |
|         | LAT-4-410-10    | Tamper-evident Polyolefin | White  | 20.32              | 6.35                | 25.40                    | 22.23             | 8.89               | 8              | 10234              |
|         | LAT-7-410-10    | Tamper-evident Polyolefin | White  | 25.40              | 12.70               | 27.94                    | 22.23             | 11.43              | 7              | 10108              |
|         | LAT-13-410-2.5  | Tamper-evident Polyolefin | White  | 47.63              | 21.16               | 50.88                    | 21.18             | 7.87               | 4              | 2508               |



## Reference & Index

Use this reference section as a guide to the properties of product materials, the industry recognised standards, and a full part number index.

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| Material Adhesion Comparison ..... | 234 |



# Master Material Index

This section provides a quick reference to Brady materials listed throughout this catalogue, including basic attributes, applications and regulatory compliance where applicable.

For more detailed material attribute and performance information, please refer to the material's Technical Data Sheet, listed at [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds).

| Brady Material No.                                                                        | Material                                                    | Finish | Colour                | Temp (°C)<br>(Tested for 30 days) |        | Performance<br>Attributes                                                                                                                                                                                                                                                                                                                       | Properties & Applications                                                                                                                                                                                                                                                              | Approval/Compliance                                                                                            |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------|-----------------------|-----------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
|                                                                                           |                                                             |        |                       | Min.                              | Max.   |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                        |                                                                                                                |
|  B-103   | Polyester Overlaminating                                    | Gloss  | Clear                 | -70 °C                            | 110 °C |                                                                                              | Clear polyester overlaminating tape recommended for use with most Brady materials. Place tape on top of printed materials to protect against dirt, chemicals and abrasion.                                                                                                             | —                                                                                                              |
| B-109                                                                                     | Polyethylene Tag                                            | Matt   | White                 | -40 °C                            | 49 °C  |                                                                                              | White polyethylene tag material with matt finish. Excellent multi-purpose tag for identifying multiconductor cables, inventory, safety warning repair and work-in-processing manufacturing. Good weatherability, humidity resistance and legibility after solvent exposure.            | —                                                                                                              |
| B-12                                                                                      | Acetate Cloth                                               | Matt   | Black on White        | -40 °C                            | 105 °C |                                                                                                                                                                                                                                                                                                                                                 | Our B-12 acetate cloth wire markers are ideal for varnish dip or baking cycles                                                                                                                                                                                                         | —                                                                                                              |
| B-121                                                                                     | Paper                                                       | Matt   | White                 | -70 °C                            | 60 °C  |                                                                                                                                                                                                                                                                                                                                                 | Removable adhesive; smudge-resistant. Applications requiring inexpensive, removable labels such as inventory or maintenance labels.                                                                                                                                                    | —                                                                                                              |
| B-122                                                                                     | Tamper-evident Paper                                        | Matt   | White                 | -40 °C                            | 90 °C  |                                                                                                                                                                                                                                                                | Low internal strength; printable. Applications requiring a label that cannot be removed intact.                                                                                                                                                                                        | —                                                                                                              |
| B-124                                                                                     | Non-adhesive Paper Inserts                                  | Matt   | White                 |                                   | 66 °C  |                                                                                                                                                                                                                                                                                                                                                 | Designed for 110 terminal block marking.                                                                                                                                                                                                                                               | —                                                                                                              |
| B-184                                                                                     | Aluminium Foil                                              | Matt   | Silver                | -40 °C                            | 130 °C |                                                                                                                                                                                                                                                                                                                                                 | Dead soft aluminium foil with good conformability. Permanent debossing when marked. Resistant to heat, oil and solvents. Abrasion-resistant. Environments containing heat, oil or solvents; abrasive environments. Excellent for motor vehicles and outdoor wiring.                    | —                                                                                                              |
| B-292                                                                                     | Self-laminating Vinyl                                       | Matt   | White/<br>Transparent | -40 °C                            | 70 °C  |                                                                                                                                                                                                                                                                                                                                                 | Transparent portion of label over-wraps provides a snug fitting, self-laminating shield that resists oil, water and solvents. Also available in orange, grey, violet, brown, yellow, blue, green, red.                                                                                 | UL Recognised                                                                                                  |
| B-319                                                                                     | Non-shrink Polyolefin Sleeve                                | Matt   | White                 | -65 °C                            | 130 °C |                                                                                                                                                                                                                                                                                                                                                 | Good legend permanence and smudge resistance. Applications requiring sleeve markers, computer-printable. Non heat-shrinkable.                                                                                                                                                          | Meets MIL-M-81531; MIL-STD-202, Method 215J                                                                    |
| B-321                                                                                     | Heat-shrink Polyolefin Sleeve                               | Matt   | White                 | -40 °C                            | 120 °C |                                                                                        | Heat-shrinkable; excellent resistance to oil and solvents. Ink-receptive coating provides permanent legibility. Applications requiring sleeve markers, computer-printable.                                                                                                             | Meets MIL-M-81531; MIL-STD-202, Method 215J                                                                    |
| B-342                                                                                     | Heat-shrink Polyolefin Sleeve                               | Matt   | White                 | -55 °C                            | 135 °C |                                                                                                                                                                           | 3:1 ratio heat shrinkable wire marking sleeve that fits snugly around wires for identification and protection. Fade-resistant and flame retardant. Also available in yellow, black, blue, brown, green, gray, orange, pink, red, violet.                                               | UL Recognised to UL224; SAE-AMS-DTL-23053/5 C (Class 1); SAE-AS-81531                                          |
| B-345                                                                                     | High Temperature Heat-shrink Polyvinylidene Fluoride Sleeve | Matt   | White                 | -70 °C                            | 225 °C |                                                                                        | 2:1 (3/32 is 3:1) ratio heat shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These heat shrinkable wire marking sleeves are made from irradiated high temperature PVDF. Also available in black, pink, blue, yellow. | NASA SP-R-0022A Outgassing Performance; SAE-AMS-DTL-23053/18 (Class 2); SAE-AS-81531; MIL-STD-202G Method 215K |
|  B-350 | Water-indicating Polyester/Paper Laminate                   | Gloss  | White                 | -70 °C                            | 90 °C  |                                                                                        | Provides clear evidence of exposure to water for controlling invalid warranty claims, failure analysis or troubleshooting.                                                                                                                                                             | UL Recognised                                                                                                  |
|  B-351 | Tamper-resistant Vinyl                                      | Matt   | White                 | -40 °C                            | 80 °C  |     | White vinyl material with matt finish. Tamper evident material fractures to show signs of product tampering and prevent one-piece removal.                                                                                                                                             | —                                                                                                              |
| B-361B                                                                                    | Self-laminating Polyester                                   | Matt   | White/<br>Transparent | -70 °C                            | 110 °C |                                                                                                                                                                                                                                                                                                                                                 | Blank, printable self-laminating labels for Laser Printers. These labels have a printable area with a clear "tail" that wraps around the marker. The "tail" serves as overlaminating to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.             | —                                                                                                              |
| B-362                                                                                     | Tamper-resistant Metallised Vinyl                           | Gloss  | Silver                | -70 °C                            | 100 °C |                                                                                                                                                                                                                                                                                                                                                 | Designed to fracture easily in order to show signs of product tampering and to prevent one-piece label removal. Use caution when removing from liner as material is fragile.                                                                                                           | —                                                                                                              |
|  B-367 | Polypropylene                                               | Gloss  | White                 | -70 °C                            | 90 °C  |                                                                                        | Custom footprint tamper-evident polypropylene for rating plates, tamper seals or package closures that require high performance and evidence of label removal. Also available in silver.                                                                                               | UL Pending; Halogen requirements of IEC 61249-2-21 (2003-11)                                                   |
|  B-408 | Repositionable Paper                                        | Matt   | White                 |                                   | 70 °C  |                                                                                                                                                                                                                                                              | General purpose paper material for thermal transfer printing. White with matt finish and removable adhesive. Can be repositioned or removed.                                                                                                                                           | —                                                                                                              |
| B-410                                                                                     | Tamper-evident Polyolefin                                   | Matt   | White                 | -70 °C                            | 100 °C |                                                                                                                                                                                                                                                              | Tamper-resistant laser printable polyolefin. Applications requiring non-removable identification.                                                                                                                                                                                      | —                                                                                                              |

View the Material Brands & Attributes Guide on pages 8-9.

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| Brady Material No. | Material                            | Finish | Colour                | Temp (°C)<br>(Tested for 30 days)<br>Min. Max. |        | Performance<br>Attributes | Properties & Applications                                                                                                                                                                                                                                                                                                                                           | Approval/Compliance                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------|--------|-----------------------|------------------------------------------------|--------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B-412              | Polypropylene Tag                   | Matt   | White                 | -40 °C                                         | 100 °C |                           | White polypropylene tag material with matt finish. Offers high print legibility and high tensile strength.                                                                                                                                                                                                                                                          | —                                                                                                                                                                                                                                                                                                                                                           |
| B-413              | Metallic, Non-metal Polyester       | Satin  | Silver                | -70 °C                                         | 110 °C | <br>                      | Thermal transfer printable polyester material with metallic-looking finish (non-metallised). Ideal for barcoded asset tracking and rating plate applications.                                                                                                                                                                                                       | UL Recognised; CSA Accepted                                                                                                                                                                                                                                                                                                                                 |
| B-422              | Polyester                           | Gloss  | White                 | -40 °C                                         | 100 °C | <br><br>                  | White material stock with glossy finish and 2 mils of adhesive for rough surface applications, including low surface energy plastics. Designed to withstand solvent exposure. UL rated for surfaces commonly used in solar panel manufacturing. Also used for component identification, barcoding, asset and inventory tracking.                                    | UL Recognised; CSA Accepted                                                                                                                                                                                                                                                                                                                                 |
| B-423              | Polyester                           | Gloss  | White                 | -70 °C                                         | 110 °C | <br><br>                  | White polyester thermal transfer printable material with a glossy finish. Widely used for component identification, barcoding, asset and inventory tracking. UL rated for surfaces commonly used in solar panel manufacturing.                                                                                                                                      | UL Recognised; CSA Accepted; AGA Approved; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                                                                                                                                             |
| B-424              | Paper                               | Matt   | White                 | -70 °C                                         | 50 °C  |                           | White paper material with matt finish and smooth top coat finish for thermal transfer printing. Good contrast and smear resistance for thermal barcode printing. Used for general purpose labeling applications                                                                                                                                                     | —                                                                                                                                                                                                                                                                                                                                                           |
| B-425              | Polypropylene                       | Matt   | White                 | -70 °C                                         | 80 °C  | <br><br>                  | White polypropylene material stock with matt finish for thermal transfer printing or write-on applications. Excellent solvent resistance and print performance; not recommended for long-term outdoor use.                                                                                                                                                          | UL Recognised; CSA Accepted; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                                                                                                                                                           |
| B-427              | Self-laminating Vinyl               | Matt   | White/<br>Transparent | -70 °C                                         | 70 °C  | <br><br>                  | Thermal transfer printable, self-laminating material. These labels have a printable area with a clear "tail" that wraps around the marker. The "tail" serves as overlaminates to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt. Also available in grey, brown, green, yellow, blue, red, purple, orange                         | UL Recognised to UL969 Labelling and Marking Standard when printed with the Brady Series R4300 and R6200 ribbons. See UL files MH17154 for specific details. Brady customers should specify at purchase if they require UL Recognised B-427 labels. Brady sells both UL Recognised B-427 labels and non-approved labels depending on customer requirements. |
| B-428              | Metallised Polyester                | Matt   | Silver                | -70 °C                                         | 120 °C | <br><br>                  | Thermal transfer printable metallised polyester with matt finish. Withstands solvents and variable temperatures. Excellent for serial and rating plate applications with name-plate quality and a metal-looking finish.                                                                                                                                             | UL Recognised; CSA Accepted; AGA Approved; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                                                                                                                                             |
| B-429              | Polyolefin                          | Satin  | White                 | -70 °C                                         | 80 °C  | <br><br>                  | Tamper-evident destructible polyolefin designed for E-PROM and rating plate labelling that require high performance and protection against removal.                                                                                                                                                                                                                 | UL Recognised; CSA Accepted                                                                                                                                                                                                                                                                                                                                 |
| B-430              | Polyester                           | Gloss  | Clear                 | -70 °C                                         | 100 °C | <br><br>                  | Translucent, high performance polyester material with a glossy finish. Thermal transfer printable.                                                                                                                                                                                                                                                                  | UL Recognised; CSA Accepted                                                                                                                                                                                                                                                                                                                                 |
| B-432              | Polyester                           | Gloss  | Clear                 | -40 °C                                         | 100 °C | <br><br>                  | Translucent, high performance polyester material with a glossy finish. Thermal transfer printable. Very similar to B-430, but has a thicker layer of acrylic adhesive for better adherence to rough surface applications.                                                                                                                                           | UL Recognised; CSA Accepted                                                                                                                                                                                                                                                                                                                                 |
| B-434              | Metallised Polyester                | Gloss  | Silver                | -40 °C                                         | 90 °C  | <br><br>                  | Metallised polyester with a glossy finish and a thicker layer of adhesive for better adherence to rough surface applications. Withstands numerous solvents while maintaining excellent image quality.                                                                                                                                                               | UL Recognised; CSA Accepted                                                                                                                                                                                                                                                                                                                                 |
| B-435              | Metallised Polyester                | Gloss  | Silver                | -40 °C                                         | 90 °C  | <br><br>                  | Printable metallised polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with name-plate quality and a metal looking finish.                                                                                                                                                                           | UL Recognised; CSA Accepted                                                                                                                                                                                                                                                                                                                                 |
| B-437              | Polyvinylfluoride                   | Matt   | White                 | -70 °C                                         | 135 °C | <br><br>                  | Polyvinylfluoride label material with matt finish. Used in wire and cable identification applications where self-extinguishing features are required. This label material utilises an adhesive for heavy-duty applications and is available in continuous or die-cut formats. Excellent resistance to water, oil and other common fluids. Also available in yellow. | MIL-M-87958 Pressure Sensitive Adhesive Wire or Cable Marker and Identification specification                                                                                                                                                                                                                                                               |
| B-438              | Tamper-evident Metallised Polyester | Matt   | Silver                | -40 °C                                         | 40 °C  | <br><br>                  | Metallised polyester material with matt finish. Leaves a checkerboard footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.                                                                                                                                                                      | UL Recognised                                                                                                                                                                                                                                                                                                                                               |

View the Material Brands & Attributes Guide on pages 8-9.

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# Master Material Index

| Brady Material No.                                                                        | Material                      | Finish     | Colour | Temp (°C)<br>(Tested for 30 days)<br>Min.      Max. | Performance<br>Attributes                                                                                                                                                                                                                                   | Properties & Applications                                                                                                                                                                                                                      | Approval/Compliance                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------|-------------------------------|------------|--------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  B-439   | Vinyl                         | Gloss      | White  | -70 °C      40 °C                                   |          | Coloured vinyl material for thermal transfer printing. Ideal for rating plates, finished product identification, and general purpose labelling. Also available in black, blue, green, orange, purple, silver and yellow.                       | —                                                                                                                                                                                                                   |
|  B-449   | Polypropylene                 | Matt       | White  | -70 °C      90 °C                                   |          | White polypropylene material stock with matt finish and removable adhesive. Used for thermal transfer printing or write-on applications. Offers excellent solvent resistance and print performance; not recommended for long-term outdoor use. | —                                                                                                                                                                                                                   |
|  B-459   | Polyester                     | Matt       | White  | -40 °C      100 °C                                  |          | White polyester thermal transfer printable material with matt finish. Designed for applications such as topside of printed circuit boards and rating plates that utilise high quality/density alphanumerics, barcodes and graphics.            | UL Recognised; CSA Accepted                                                                                                                                                                                         |
|  B-473   | Static Dissipative Polyester  | Gloss      | White  | -40 °C      120 °C                                  |          | White Polyester with glossy finish used for printed circuit board and electronic component post-process labelling. Surface resistivity values in the recommended range for dissipative ESD packing materials.                                  | UL Recognised; CSA Accepted; Meets surface resistivity values in the recommended range for dissipative ESD packaging materials as defined by ANSI/ESD S541-2008 (between 10 <sup>4</sup> and 10 <sup>11</sup> ohms) |
|  B-480   | Metallic, Non-metal Polyester | Satin      | Silver | -70 °C      110 °C                                  |          | Thermal transfer printable polyester material with metallic-looking finish (non-metallised) and aggressive adhesive for powder coats or rough surface applications. Ideal for barcoded asset tracking and rating plate applications.           | UL Recognised; cUL Recognised                                                                                                                                                                                       |
|  B-483   | Polyester                     | Gloss      | White  | -40 °C      120 °C                                  |          | White polyester thermal transfer printable material with glossy finish and aggressive adhesive specifically designed for powder coated surfaces.                                                                                               | UL Recognised; CSA Accepted                                                                                                                                                                                         |
|  B-484 | Polyester                     | Gloss      | White  | -40 °C      120 °C                                  |    | White polyester thermal transfer printable material, similar to B-483, but with thinner construction for curved or angled surfaces. Offers aggressive adhesive for adhesion to textured metals and low surface energy plastics.                | UL Recognised                                                                                                                                                                                                       |
|  B-486 | Metallised Polyester          | Matt       | Silver | -40 °C      120 °C                                  |    | Thermal transfer printable metallised polyester material. Designed for high adhesion to textured metals, powder coated surfaces and low surface energy plastics.                                                                               | UL Recognised; CSA Accepted                                                                                                                                                                                         |
|  B-488 | Polyester                     | Matt       | White  | -40 °C      160 °C                                  |    | White polyester thermal transfer printable material, similar to B-423, but with matt finish. Widely used for component identification, barcoding, asset and inventory tracking.                                                                | UL Recognised; CSA Accepted                                                                                                                                                                                         |
|  B-489 | Polyester                     | Matt       | White  | -40 °C      120 °C                                  |    | White polyester thermal transfer printable material, similar to B-483, but with matt finish. Aggressive adhesive specifically designed for powder coated surfaces.                                                                             | UL Recognised; CSA Accepted                                                                                                                                                                                         |
|  B-498 | Vinyl Cloth                   | Semi-gloss | White  | -40 °C      80 °C                                   |    | White vinyl cloth label material with glossy finish. The adhesive and cloth backing give excellent holding power, while being repositionable and removing cleanly.                                                                             | UL Recognised                                                                                                                                                                                                       |
| B-499                                                                                     | Nylon Cloth                   | Matt       | White  | -40 °C      90 °C                                   |    | Nylon cloth material with matt finish. The adhesive allows labelling in environments with heat, cold, oil and dirt. Also available in orange, red and yellow.                                                                                  | UL Recognised; CSA Accepted; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                   |
| B-502                                                                                     | Vinyl Cloth                   | Matt       | White  | -40 °C      80 °C                                   |                                                                                                                                                                                                                                                             | Blank, printable, repositionable vinyl cloth labels for Dot Matrix printers. Also available in yellow.                                                                                                                                         | —                                                                                                                                                                                                                   |
| B-508                                                                                     | Nomex® Tag                    | Matt       | White  | -70 °C      130 °C                                  |    | Thermal transfer and dot matrix printable wire and cable bundle tag for harsh environments. Excellent tear, heat and solvent resistance. Also available in green and yellow.                                                                   | —                                                                                                                                                                                                                   |
|  B-533 | Polyester                     | Gloss      | White  | -70 °C      100 °C                                  |    | White polyester thermal transfer material with a glossy finish and removable adhesive. Ideal for electronic component marking and general purpose applications that require solvent and heat resistance and that can be cleanly removed.       | —                                                                                                                                                                                                                   |
| B-593                                                                                     | Polyester                     | Gloss      | White  | -20 °C      100 °C                                  |    | EPREP (Engraved Panel REplacement labels) are designed for patch panel identification in identifying external push-buttons, switches and internal connection points. Also available in black, green, red, silver and yellow.                   | UL, cUL                                                                                                                                                                                                             |

View the Material Brands & Attributes Guide on pages 8-9.

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| Brady Material No.                                                                        | Material          | Finish     | Colour                | Temp (°C)<br>(Tested for 30 days)<br>Min. Max. |        | Performance<br>Attributes                                                                                                                                                                                                                                                                                                                       | Properties & Applications                                                                                                                                                                                                                                                                                                                                                                                | Approval/Compliance                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------|-------------------|------------|-----------------------|------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B-595                                                                                     | Vinyl             | Gloss      | White                 | -40 °C                                         | 82 °C  |                                                                                                                                                                                                                                                                                                                                                 | Durable, low-shrink vinyl with our most aggressive adhesive. Conforms to irregular, curved, rough and highly textured surfaces (painted cinder blocks, uneven wood, textured plastics, paper-jacketed pipes, powder-coated surfaces). Adheres to "difficult" low-surface energy items (PVC piping, blow-moulded equipment cases, ABS plastics, recycled plastics). Available in a wide range of colours. | BS5609:1986 Section 2 and section 3                                                                                                                                                                                      |
| B-609                                                                                     | Paper             | Matt       | White                 | -40 °C                                         | 70 °C  |                                                                                                                                                                                                                                                                                                                                                 | Permanent adhesive; smudge resistant; write-on coating; low internal strength. Applications requiring economical, general-purpose label. Also available in yellow.                                                                                                                                                                                                                                       | —                                                                                                                                                                                                                        |
| B-619                                                                                     | Polyester         | Matt       | White                 | -70 °C                                         | 145 °C |                                                                                                                                                                                                                                                                                                                                                 | Resistant to solvents; smudge-resistant. High resolution; high-temperature performance. Applications requiring bar code printing, electronic component, solvent or high temperature resistance and circuit board ID.                                                                                                                                                                                     | UL Recognised; CSA Accepted                                                                                                                                                                                              |
| B-642                                                                                     | Polyvinylfluoride | Matt       | White/<br>Transparent | -70 °C                                         | 120 °C |                                                                                              | Applications requiring self-extinguishing identification. Self-laminating, wire, cable and laboratory vial marking. Excellent abrasion and smudge resistance.                                                                                                                                                                                                                                            | —                                                                                                                                                                                                                        |
| B-652                                                                                     | Polyimide         | Matt       | Amber                 | -70 °C                                         | 300 °C |                                                                                                                                                                                                                                                                                                                                                 | Amber polyimide material with matt finish an ultra-durable adhesive. Used in printed circuit board and electronic component preprocess labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                                                                                    | MIL-STD-202G; Method 215K; SAE AS81531 Marking of Electrical Insulating Material                                                                                                                                         |
| B-707                                                                                     | Polyester         | Matt       | White                 | -40 °C                                         | 130 °C |                                                                                                                                                                                                                                                                                                                                                 | Electronic component labelling; general identification. Rough surface application; stronger bond to low surface energy plastics.                                                                                                                                                                                                                                                                         | UL Recognised; CSA Accepted                                                                                                                                                                                              |
| B-708                                                                                     | Vinyl             | Semi-gloss | Black on White        | -40 °C                                         | 70 °C  |                                                                                                                                                                                                                                                                                                                                                 | Our B-708 indoor/outdoor vinyl wire markers are perfect for cables, multi-wire circuits, conductors and tubing in hydraulic systems                                                                                                                                                                                                                                                                      | —                                                                                                                                                                                                                        |
|  B-717 | Polyimide         | Gloss      | White                 | -70 °C                                         | 300 °C |     | White polyimide material with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.                                                                                     | UL Recognised; Meets the requirements of ANSI/ESD S541-2008 (between 10 <sup>4</sup> and 10 <sup>11</sup> ohms) for dissipative ESD packaging materials; Meets the performance requirements of MIL-STD-202G, Method 215K |
|  B-718 | Polyimide         | Gloss      | White                 | -70 °C                                         | 300 °C |     | White polyimide material, low profile (1 mil thickness), with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.                                                     | UL Recognised; Meets the requirements of ANSI/ESD S541-2008 (between 10 <sup>4</sup> and 10 <sup>11</sup> ohms) for dissipative ESD packaging materials; Meets the performance requirements of MIL-STD-202G, Method 215K |
|  B-719 | Polyimide         | Matt       | White                 | -70 °C                                         | 300 °C |     | White polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals. Surface resistivity values in the recommended range for dissipative ESD packing materials.                                                                                       | UL Recognised; Meets the requirements of ANSI/ESD S541-2008 (between 10 <sup>4</sup> and 10 <sup>11</sup> ohms) for dissipative ESD packaging materials; Meets the performance requirements of MIL-STD-202G, Method 215K |
|  B-724 | Polyimide         | Matt       | Amber                 | -70 °C                                         | 330 °C |     | Amber polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                                                                                  | MIL-STD-202G; Method 215K; SAE AS81531 Marking of Electrical Insulating Material                                                                                                                                         |
|  B-727 | Polyimide         | Gloss      | White                 | -70 °C                                         | 300 °C |     | White polyimide material with glossy finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                                                                                | UL Recognised; Meets the performance requirements of MIL-STD-202G, Notice 12, Method 215K; Dibutyltin and Dioctyltin free.                                                                                               |
|  B-728 | Polyimide         | Matt       | White                 | -70 °C                                         | 300 °C |     | White polyimide material with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                                                                                  | UL Recognised; Meets the performance requirements of MIL-STD-202G, Notice 12, Method 215K                                                                                                                                |
|  B-729 | Polyimide         | Matt       | White                 | -70 °C                                         | 300 °C |     | White polyimide material, low profile (1 mil thickness), with matt finish and ultra-durable adhesive. Used in printed circuit board and electronic component pre-process labelling. Designed for use with extreme wash protocol and cleaning chemicals.                                                                                                                                                  | UL Recognised; Meets the performance requirements of MIL-STD-202G, Notice 12, Method 215K                                                                                                                                |

View the Material Brands & Attributes Guide on pages 8-9.

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# Master Material Index

| Brady Material No.                                                                         | Material                                      | Finish | Colour                                   | Temp (°C)<br>(Tested for 30 days)<br>Min.      Max. |        | Performance<br>Attributes                                                           | Properties & Applications                                                                                                                                                                                                                                                                                                                                                                                                          | Approval/Compliance                                                                       |
|--------------------------------------------------------------------------------------------|-----------------------------------------------|--------|------------------------------------------|-----------------------------------------------------|--------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| B-7316                                                                                     | Stainless Steel Grade 316                     |        | Silver                                   | -80 °C                                              | 815 °C |                                                                                     | Stainless steel cable tags and ties are made out of stainless steel grade 316. Tags can be mechanically embossed or laser engraved.                                                                                                                                                                                                                                                                                                | —                                                                                         |
|  B-7351   | Tamper-resistant Vinyl                        | Satin  | White                                    | -40 °C                                              | 80 °C  |    | White vinyl material with matt finish. Tamper evident material fractures to show signs of product tampering and prevent one-piece removal.                                                                                                                                                                                                                                                                                         | —                                                                                         |
| B-7423                                                                                     | Polyester                                     | Satin  | White                                    | -70 °C                                              | 110 °C |    | White polyester thermal transfer printable material, similar to B-8423, but specifically designed for auto apply application.                                                                                                                                                                                                                                                                                                      | UL Recognised                                                                             |
| B-747                                                                                      | Polyester                                     | Matt   | White                                    | -40 °C                                              | 130 °C |                                                                                     | Electronic PCB component, bar code labels. Excellent solvent and smudge resistant; and equipment labelling has high-resolution and high temperature performance. Also available in yellow.                                                                                                                                                                                                                                         | UL Recognised; CSA Accepted                                                               |
|  B-7511   | Irreversible Temperature Indicating Polyester | Gloss  | White on Blue                            | 37 °C                                               | 143 °C |    | Irreversible, temperature indicating label material. Provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained. Temperature range covered is 37°C/ 99°F to 143°C/289°F.                                                               | —                                                                                         |
|  B-7512   | Irreversible Temperature Indicating PEN       | Gloss  | White on Blue                            | 149 °C                                              | 210 °C |    | Irreversible, temperature indicating label material. Provides a permanent record of the highest temperature reached on a piece of equipment. When the equipment reaches a certain temperature, the white area on the label turns irreversibly black, giving clear proof of the highest temperature attained. Available temperature ranges : 149°C/300°F - 177°C/350°F and 182°C/360°F - 210°C/410°F.                               | —                                                                                         |
|  B-7546  | Tamper-evident Polyester                      | Gloss  | White                                    | -40 °C                                              | 100 °C |   | White polyester material with glossy finish. Leaves a "VOID" footprint on the surface. The adhesive does not allow for repositioning to prevent it from being reused.                                                                                                                                                                                                                                                              | UL Recognised; CSA Accepted                                                               |
|  B-7563 | Metallised Polyester                          | Satin  | Silver                                   | -40 °C                                              | 135 °C |  | Thermal transfer printable metallised polyester withstands numerous solvents and variable temperatures. Ideal for serial and rating plate applications with name-plate quality and a metal looking finish.                                                                                                                                                                                                                         | UL Recognised                                                                             |
|  B-7566 | Tamper-evident Polyester                      | Gloss  | Clear                                    | -70 °C                                              | 80 °C  |  | Clear polyester material with glossy finish. Leaves a "VOID" footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.                                                                                                                                                                                                                                              | —                                                                                         |
|  B-7576 | Tamper-evident Metallised Polyester           | Matt   | Silver                                   | -70 °C                                              | 100 °C |  | Metallised polyester material with matt finish. Leaves a "VOID" footprint on the surface when removed; the pattern also appears on the top of the label to prevent it from being reused.                                                                                                                                                                                                                                           | UL Recognised                                                                             |
| B-759                                                                                      | Paper                                         | Matt   | White                                    | -70 °C                                              | 90 °C  |                                                                                     | Permanent adhesive; smudge resistant. Applications requiring economical, general purpose label. Bar code-printable. Excellent toner adhesion.                                                                                                                                                                                                                                                                                      | —                                                                                         |
| B-7593                                                                                     | Polyethylene Foam Laminate Polyester          | Gloss  | White                                    | -40 °C                                              | 100 °C |  | Thermal transfer printable raised panel labels. Designed to make legend plate creation quick, less expensive, and hassle free! Use for electrical components, electrical cabinets, push buttons, patch panels, and any other applications you can imagine. This material can also be used for rating and serial plates using alphanumerics that require name plate quality. Also available in black, green, red, silver and yellow | —                                                                                         |
| B-7594                                                                                     | Polypropylene                                 | Gloss  | White                                    | -20 °C                                              | 100 °C |                                                                                     | White polypropylene material stock with glossy finish. Used for thermal transfer printing. Offers excellent solvent resistance and print performance; not recommended for long-term outdoor use.                                                                                                                                                                                                                                   | UL Recognised                                                                             |
| B-7597                                                                                     | Polyethylene Tag                              | Matt   | White                                    | -40 °C                                              | 100 °C |                                                                                     | Polyethylene tag material. Resists tearing and the topcoat resists smudging and abrasion. Halogen free material. Also available in yellow.                                                                                                                                                                                                                                                                                         | Halogen Free (DIN VDE 0472/part 815)                                                      |
| B-7598                                                                                     | Polyester Tag                                 | Gloss  | White, Yellow, Red, Green, Silver, Black | -40 °C                                              | 100 °C |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    | Parts supplied in White, Black or Silver are Halogen Free as per IEC 61249-2-21 (2003-11) |
| B-7599                                                                                     | Polyethylene Tag                              | Matt   | Yellow                                   | -40 °C                                              | 50 °C  |                                                                                     | White polyethylene tag material. Rapido™ Wiremarking Sleeves are fast and easy to apply. Simply squeeze the edges of the material together, thread your wire through the holes and pull away the wire to release the marker.                                                                                                                                                                                                       | —                                                                                         |
| B-7604                                                                                     | Direct Thermal Paper                          | Matt   | White                                    |                                                     | 80 °C  |                                                                                     | White direct thermal paper material for low cost general labelling applications.                                                                                                                                                                                                                                                                                                                                                   | —                                                                                         |

View the Material Brands & Attributes Guide on pages 8-9.

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| Brady Material No.                                                                         | Material                                       | Finish | Colour                                          | Temp (°C)<br>(Tested for 30 days)<br>Min. Max. |        | Performance<br>Attributes                                                                                                                                                                                                                                   | Properties & Applications                                                                                                                                                                                                                                                     | Approval/Compliance                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------|------------------------------------------------|--------|-------------------------------------------------|------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B-7606                                                                                     | Paper                                          | Gloss  | White                                           | -40 °C                                         | 50 °C  |                                                                                                                                                                                                                                                             | General paper label applications as box or logistics labelling.                                                                                                                                                                                                               | —                                                                                                                                                                                                                     |
| B-7610                                                                                     | Paper                                          | Matt   | White                                           | -40 °C                                         | 50 °C  |                                                                                                                                                                                                                                                             | White thermal transfer printable paper for low cost general labelling applications.                                                                                                                                                                                           | —                                                                                                                                                                                                                     |
| B-7641                                                                                     | Heat-shrink Polyolefin Sleeve                  | Matt   | White                                           | -70 °C                                         | 110 °C |                                                                                                                                                                            | 2:1 ratio heat shrinkable, zero halogen wire marking sleeves. The wire marking sleeves offer outstanding fire safety properties and minimal smoke emission. Also available in yellow.                                                                                         | BS-6853 (1999) Vehicle Category 1A; EN-45545-2, requirement 24, Vehicle Category HL3; Zero Halogen                                                                                                                    |
| B-7642                                                                                     | Heat-shrink Polyolefin Sleeve                  | Matt   | White                                           | -40 °C                                         | 120 °C |                                                                                           | 2:1 ratio heat shrinkable wire marking sleeves. The sleeves are high-temperature rated, highly flame retardant, and very flexible.                                                                                                                                            | Meets BS-6853 (1999) Vehicle category 1A; European standard EN-45545-2, requirement 22,23 and 24, Vehicle category HL3; Print adherence per SAE-AS5942; Solvent resistance per SAE-AS81531; MIL-STD-202G, Method 215K |
| B-7643                                                                                     | Thermoplastic Polyether Polyurethane           | Matt   | Red, Black, Orange, Yellow, Blue, Green & White | -40 °C                                         | 90 °C  |                                                                                                                                                                            | Thermal transfer and dot matrix printable wire and cable bundle tag for harsh environments. Low halogen material. Also available in black, orange, red and yellow.                                                                                                            | Halogen free per IEC 61249-2-21 (2003-11), Adherence: SAE-AS81531-1998, Flame retardant: MIL-STD-202G                                                                                                                 |
| B-7644                                                                                     | Polypropylene Tag with Polyester Overlaminant  | Gloss  | Yellow                                          | -70 °C                                         | 150 °C |                                                                                                                                                                                                                                                             | Laminate carrier for cable identification with strip to laminate text label. The carrier is to be fixed with 2 cable ties directly on the cables and wires.                                                                                                                   | —                                                                                                                                                                                                                     |
| B-7645                                                                                     | Polypropylene Tag with Polyester Overlaminant  | Gloss  | Yellow                                          | -70 °C                                         | 150 °C |                                                                                                                                                                                                                                                             | Self-sealing tags for identification of material in tough environments, including valves, instruments, motors and other industrial components. Laminat™ tags can be delivered with a stainless steel reinforcement ring.                                                      | —                                                                                                                                                                                                                     |
| B-7646                                                                                     | Diesel-resistant Heat-shrink Polyolefin Sleeve | Matt   | Yellow                                          | -55 °C                                         | 135 °C |                                                                                                                                                                                                                                                             | Heat shrinkable wire marking sleeves for wire and cable identification in applications that have exposures to organic fluids, common fuels, lubricants and solvents for extended periods of time and at high temperatures.                                                    | SAE AS-81531; MIL-STD-202 method 215K; NF F 00-608 type A and H                                                                                                                                                       |
| B-7696                                                                                     | Semi-rigid Vinyl                               | Gloss  | White                                           | -40 °C                                         | 70 °C  |                                                                                                                                                                                                                                                             | Brady DuraSleeve® printable inserts create a durable legend. The rigid construction of the DuraSleeve wire marking system provides inserts that can easily be inserted into a clean carrier. The legend can be changed before or after termination. Also available in yellow. | UL94V0                                                                                                                                                                                                                |
| B-7727                                                                                     | Polyimide                                      | Gloss  | White                                           | -70 °C                                         | 300 °C |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               | UL Recognised; Meets the performance requirements of MIL -STD-202G, Notice 12, Method 215K; Dibutyltin and Dioctyltin free.                                                                                           |
| B-773                                                                                      | Metallised Polyester                           | Matt   | Silver                                          | -65 °C                                         | 120 °C |                                                                                                                                                                                                                                                             | Permanent acrylic adhesive. Designed for rating and serial plate that utilise alphanumeric, graphic symbols and logos. Electronic component marking. Designed to withstand numerous solvents and variable temperatures. Adheres to a variety of surfaces.                     | UL Recognised; CSA Accepted; Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                     |
| B-776                                                                                      | Polyimide                                      | Gloss  | Light Green                                     | -70 °C                                         | 330 °C |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               | UL Pending for UL 969 Labelling and Marking Standard                                                                                                                                                                  |
| B-777                                                                                      | Polyimide                                      | Gloss  | White                                           | -70 °C                                         | 300 °C |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               | UL Recognised to UL969 Labelling and Marking Standard when printed with Brady Series R6300 ribbon. See UL file MH25991 for specific details.                                                                          |
| B-799                                                                                      | Nylon Cloth                                    | Matt   | White                                           | -40 °C                                         | 90 °C  |                                                                                                                                                                                                                                                             | Recommended for applications requiring permanent wire marking or general labelling.                                                                                                                                                                                           | Halogen Free (DIN VDE 0472/part 815)                                                                                                                                                                                  |
| B-8117                                                                                     | Polyester                                      | Matt   | Black                                           | -70 °C                                         | 120 °C |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               | UL Recognised                                                                                                                                                                                                         |
| B-8423                                                                                     | Polyester                                      | Satin  | White                                           | -70 °C                                         | 110 °C |    | Polyester material with satin finish, economical alternative to B-423. Used for component identification, barcoding, asset and inventory tracking. Also available in yellow.                                                                                                  | UL Recognised; CSA Accepted                                                                                                                                                                                           |
| B-8591                                                                                     | Polymer                                        | Gloss  | White                                           | -70 °C                                         | 200 °C |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                               | —                                                                                                                                                                                                                     |
|  B-966B | Polyester                                      | Gloss  | Clear                                           | -70 °C                                         | 100 °C |    | A non-printable overlaminant that, when applied over a printed label, provides extra abrasion and chemical resistance.                                                                                                                                                        | —                                                                                                                                                                                                                     |

View the Material Brands & Attributes Guide on pages 8-9.



# Material Adhesion Comparison

## MATERIAL ADHESION COMPARISON

Adhesion is the attraction between unlike materials. The strength of the adhesion is determined by the surface energy of the item being identified. The higher the surface energy, the greater the likelihood for the label to adhere. A lower surface energy product will be more difficult for a label to adhere.

These following charts are based on relative adhesion after 24 hour dwell within each given surface energy category.

### SMOOTH SURFACE (High Surface Energy)

Typical surface energy levels for this category are above 50 Dynes/cm.

- Stainless steel
- Copper
- Aluminium
- Smooth plastic
- Tin
- Glass
- Smooth metal

### TEXTURED/ROUGH SURFACE (Medium Surface Energy)

Typical surface energy levels for this category are between 38-50 Dynes/cm.

- Cast Metal
- Nylon
- Alkyd enamel
- Polyester
- Epoxy paint
- Polyurethane
- ABS
- Polycarbonate
- PVC
- Acrylic

### HIGHLY TEXTURED SURFACE (Low Surface Energy)

Typical surface energy levels for low surface energy products are below 38 Dynes/cm.

- Polystyrene
- Acetal
- Polyethylene
- Highly textured polypropylene
- Teflon
- Powder Coatings
- Highly textured ABS

## Material/Surface Adhesion Ratings

| SMOOTH SURFACE RATING |     |      |
|-----------------------|-----|------|
| Material              | Low | High |
| B-103                 |     |      |
| B-352                 |     |      |
| B-413                 |     |      |
| B-422                 |     |      |
| B-423                 |     |      |
| B-424                 |     |      |
| B-425                 |     |      |
| B-427                 |     |      |
| B-428                 |     |      |
| B-430                 |     |      |
| B-432                 |     |      |
| B-433                 |     |      |
| B-434                 |     |      |
| B-435                 |     |      |
| B-438                 |     |      |
| B-439                 |     |      |
| B-449                 |     |      |
| B-459                 |     |      |
| B-473                 |     |      |
| B-480                 |     |      |
| B-483                 |     |      |
| B-484                 |     |      |
| B-486                 |     |      |
| B-488                 |     |      |
| B-489                 |     |      |
| B-499                 |     |      |
| B-717                 |     |      |
| B-718                 |     |      |
| B-719                 |     |      |
| B-724                 |     |      |
| B-727                 |     |      |
| B-728                 |     |      |
| B-7351                |     |      |
| B-7546                |     |      |
| B-7566                |     |      |
| B-7576                |     |      |
| B-7593                |     |      |
| B-8423                |     |      |
| B-966B                |     |      |

| TEXTURED/ROUGH SURFACE RATING |     |      |
|-------------------------------|-----|------|
| Material                      | Low | High |
| B-351                         |     |      |
| B-352                         |     |      |
| B-408                         |     |      |
| B-413                         |     |      |
| B-422                         |     |      |
| B-423                         |     |      |
| B-424                         |     |      |
| B-425                         |     |      |
| B-428                         |     |      |
| B-430                         |     |      |
| B-432                         |     |      |
| B-433                         |     |      |
| B-434                         |     |      |
| B-438                         |     |      |
| B-480                         |     |      |
| B-483                         |     |      |
| B-484                         |     |      |
| B-486                         |     |      |
| B-487                         |     |      |
| B-488                         |     |      |
| B-489                         |     |      |
| B-724                         |     |      |
| B-727                         |     |      |
| B-7546                        |     |      |
| B-7566                        |     |      |
| B-7576                        |     |      |
| B-7593                        |     |      |
| B-8423                        |     |      |

| HIGHLY TEXTURED SURFACE RATING |     |      |
|--------------------------------|-----|------|
| Material                       | Low | High |
| B-352                          |     |      |
| B-358                          |     |      |
| B-408                          |     |      |
| B-413                          |     |      |
| B-422                          |     |      |
| B-423                          |     |      |
| B-424                          |     |      |
| B-425                          |     |      |
| B-427                          |     |      |
| B-428                          |     |      |
| B-430                          |     |      |
| B-432                          |     |      |
| B-433                          |     |      |
| B-434                          |     |      |
| B-439                          |     |      |
| B-449                          |     |      |
| B-459                          |     |      |
| B-480                          |     |      |
| B-483                          |     |      |
| B-484                          |     |      |
| B-486                          |     |      |
| B-488                          |     |      |
| B-489                          |     |      |
| B-499                          |     |      |
| B-724                          |     |      |
| B-7351                         |     |      |
| B-7546                         |     |      |
| B-7566                         |     |      |
| B-7576                         |     |      |
| B-7593                         |     |      |
| B-8423                         |     |      |

Please see Brady Technical Data Sheets at [www.bradyeurope.com/tds](http://www.bradyeurope.com/tds) for specific adhesion values.

Testing in the specific application is recommended.

Surfing **www.bradyeurope.com** is a simple, efficient and timesaving way to learn more about BRADY products and applications, industry developments, events, promotions, etc. anytime, anywhere.

For looking up technical data sheets, downloading upgrades to your BRADY printers and software or fast registration of your BRADY products, there's just one address:

**www.bradyeurope.com**



**www.bradyeurope.com**

# Brady Corporation

Our mission is to identify and protect people, products and places



## COMPANY OVERVIEW

BRADY was founded in 1914 in Eau Claire, Wisconsin, as W.H. BRADY Co., and renamed BRADY Corporation in 1998. The company began selling products internationally in 1947. In 1984, BRADY went public, with stock trading on the Nasdaq Stock Market, and in 1999, moved trading of its stock to the New York Stock Exchange, where it trades under the symbol BRC. The company's global headquarters is in Milwaukee, Wisconsin.

## BRADY MANUFACTURES AND MARKETS:

- products for identification and safety applications such as signs and markers, printing systems and software to produce identification products on-site and on demand
- products for wire identification, including labelling materials and tools for wire and cable marking in the electrical, datacom and telecommunication markets
- high-performance identification products, including labels and signs that remain legible and highly adhesive even in harsh environments
- products that identify people and enhance security by ensuring the right persons are in the right places at the right time

## OPERATIONS – SOME FACTS:

- 6500 employees around the world
- Operations in 29 countries
- Distribution in more than 100 countries through more than 4,400 distributor partners



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