Brady offers you the high-performance solutions you expect for your extreme environments — aircraft, military vehicles, ships, trains and other mass-transit systems. You’ll get the total solution. Everything from materials, printers, software, support and more.
Build your complete solution

Brady identification solutions consist of thermal transfer printers, specialty systems, highly engineered identification materials and label design software. With Brady, it doesn’t stop there. We go beyond these components and combine them with expert support, knowledge and service to give you a better identification experience.

**Robust label design software**

Whether you need to print high volumes of labels or set-up batch printing and printer pairing, Brady Workstation software can improve the efficiency of your label creation process. Developed and tested internally, Brady Workstation is continuously updated with improved features based on user feedback.

- Engineered to take the cost out of label design process
- Adaptable to a range of work flows
- Easily accessible post-sale technical support

**On-demand printing and specialty systems**

From small, hand-held printers for on-the-job applications to large, industrial units for high-volume printing, Brady’s proven printing solutions help you create clear, professional-looking identification that has the durability to withstand even the harshest environments.

- Integrates into your processes
- Prints on a range of our expertly engineered materials
- Prints up to 20,000 labels per day
- Easiest and most versatile printing solutions in the industry

**Highly engineered materials**

Brady’s high performance materials offer outstanding performance in extreme environments. Brady gives you a variety of options for your application and work with you to select the best type to meet your needs.

- Heat shrink tubing
- Wire wrap labels
- Component labels
- Fluid line tapes
- Wire, cable and bundle tags
Benchtop Printers Comparison Guide

**BradyPrinter 3300 Industrial Label Printer**
- **Description**: The BradyPrinter 3300 Industrial Label Printer is a completely hassle-free, easy to use PC-based printer that can print signs and labels up to 4 wide. Smart chip supplies automatically set up the label in your Brady software, eliminating manual calibration and label waste. Drop-in ribbon and label cartridges ensure fast and effortless material changes. The 3300 Industrial Label Printer can print on a full range of safety and facility label materials as well as die cut labels for wire identification, product identification, or laboratory identification. This printer comes with a free Brady WorkStation Basic Design Software Suite, enabling you to immediately start designing professional signs and labels.

**Applications**: General & Industrial Identification; Circuit Board & Component Identification; Wire & Cable Marking; Laboratory Identification; Asset Identification; Workplace Safety & Compliance; Lean; 5S & Visual Workplace; Facility; Maintenance & Operations; ID; Buildings & Grounds; Logistics/ Warehousing

**Printer Specifications**
- **Hours of Operation**: 8 hours/5 days
- **Recommended Usage per Day**: 1000
- **Software Compatibility**: Brady Workstation, Windows based driver for 3rd party software use
- **Color Capability**: Monochrome
- **Connectivity Options**: USB, Ethernet, Optional: WiFi (factory installed)
- **Stand-alone Printing (Detached from PC)**: Peripheral
- **Cutter**:
  - Auto Cutter Between labels or at end of print job
- **Memory Capacity**: 512 MB RAM, 32 GB - Memory expandable through USB
- **Label Dimension Limits**:
  - Max. Label Width: 107.95 mm
  - Min. Label Height: 6.35 mm
  - Min. Label Height: 5 mm
  - Max. Label Height: 1000 mm
  - Max. Width: 106.00 mm
  - Min. Height: 5 mm
  - Max. Height: 10 mm
  - Min. Height: 5 mm
- **Maximum Print Width (mm)**: 101.60
- **Print Speed (mm/sec)**: 101.60
- **Print Technology**: Thermal Transfer
- **Print Resolution (dpi)**: 300
- **Specialty Material Recommendations**:
  - Raised Panel labels
  - Heatex Cable Markers
  - PermaSleeve Markers
  - Self-laminating Labels
  - Custom labels

**BradyPrinter i3300 Industrial Label Printer**
- **Description**: The BradyPrinter i3300 Industrial Label Printer offers a perfect mix of performance & smarts. This benchtop printer can print on 70 label materials, more than 1200 stock label parts and tailored custom label materials and parts. Applications include a wide range of specialized and commonly used product labels, electronics and PCB labels, logistics and asset tracking labels, cable & component identification labels and laboratory sample labels.

**Applications**: General & Industrial Identification; Circuit Board & Component Identification; Wire & Cable Marking; Laboratory Identification; Asset Identification

**Printer Specifications**
- **Hours of Operation**: 24 hours/7 days
- **Recommended Usage per Day**: 7000
- **Software Compatibility**: Brady Workstation, LabelMark, Windows based driver for 3rd party software use
- **Color Capability**: Monochrome
- **Connectivity Options**: USB, Serial, Ethernet, Optional: Wifi, Bluetooth
- **Stand-alone Printing (Detached from PC)**: Stand-alone & Peripheral
- **Cutter**:
  - Auto Cutter Between labels or at end of print job
  - Cutter with Tray, Cutter Perforator, Present Sensor, Peel Off, Rewinder, Plate Rollers
- **Memory Capacity**: 64 MB RAM, 8MB IFFS Flash, SD slot up to 512GB
- **Label Dimension Limits**:
  - Max. Label Width: 110 mm
  - Min. Label Width: 6.35 mm
  - Min. Height: 5 mm
  - Max. Height: 50 mm
- **Maximum Print Width (mm)**: 101.60
- **Print Speed (mm/sec)**: up to 300.00
- **Print Technology**: Thermal Transfer
- **Print Resolution (dpi)**: 300
- **Specialty Material Recommendations**:
  - Raised Panel labels
  - Heatex Cable Markers
  - PermaSleeve Markers
  - Self-laminating Labels
  - Custom labels

**BradyPrinter 7140 Industrial Label Printer**
- **Description**: The BradyPrinter 7140 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-Datacom and Lab markets. It guarantees accurate printing on sleeves, tags, labels, tapes, cable markers and much more. This printer comes with a free Brady WorkStation Basic Design Software Suite, enabling you to immediately start designing professional labels.

**Applications**: General & Industrial Identification; Circuit Board & Component Identification; Wire & Cable Marking; Laboratory Identification

**Printer Specifications**
- **Hours of Operation**: 24 hours/7 days
- **Recommended Usage per Day**: 7000
- **Software Compatibility**: Brady Workstation, LabelMark, Windows based driver for 3rd party software use
- **Color Capability**: Monochrome
- **Connectivity Options**: Serial, USB, Optional: Ethernet
- **Stand-alone Printing (Detached from PC)**: Stand-alone & Peripheral
- **Cutter**:
  - None
- **Memory Capacity**: 256 MB RAM, 50MB IFFS Flash, SD present sensor, Peel Off, Rewinder, Plate Rollers
- **Label Dimension Limits**:
  - Max. Label Width: 76.2 mm
  - Min. Label Width: 6.35 mm
- **Maximum Print Width (mm)**: 105.70
- **Print Speed (mm/sec)**: 125.00
- **Print Technology**: Thermal Transfer
- **Print Resolution (dpi)**: 300
- **Specialty Material Recommendations**:
  - Raised Panel labels
  - Heatex Cable Markers
  - PermaSleeve Markers
  - Self-laminating Labels
  - Custom labels

**BR772 Double-sided Sleeves Printer**
- **Description**: Higher volume printer designed specifically for printing double-sided sleeves in larger quantity print job sizes

**Applications**: High Volume Permasleeve Wire Marking Sleeves Printing (double-sided format only)

**Printer Specifications**
- **Hours of Operation**: 24 hours/7 days
- **Recommended Usage per Day**: 7000
- **Software Compatibility**: Brady Workstation, LabelMark, Windows based driver for 3rd party software use, CodeSoft
- **Color Capability**: Monochrome
- **Connectivity Options**: USB, Serial, Ethernet, Optional: 5G connection
- **Stand-alone Printing (Detached from PC)**: Stand-alone & Peripheral
- **Cutter**:
  - None
  - Stand-alone & Peripheral
- **Memory Capacity**: 64 MB RAM, 8MB IFFS Flash
- **Label Dimension Limits**:
  - Max. Label Width: 180 mm
  - Min. Label Width: 4 mm
- **Maximum Print Width (mm)**: 105.60
- **Print Speed (mm/sec)**: 50.80
- **Print Technology**: Thermal Transfer
- **Print Resolution (dpi)**: 300
- **Specialty Material Recommendations**:
  - Raised Panel labels
  - Heatex Cable Markers
  - PermaSleeve Markers
  - Self-laminating Labels

**Wraptor A6500 Wire ID Printer Applicator**
- **Description**: 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.

**Applications**: Industrial Label Printer

**Printer Specifications**
- **Hours of Operation**: 24 hours/7 days
- **Recommended Usage per Day**: 7000
- **Software Compatibility**: None
- **Color Capability**: Monochrome
- **Connectivity Options**: Serial, USB, Ethernet
- **Stand-alone Printing (Detached from PC)**: Stand-alone & Peripheral
- **Cutter**:
  - None
  - Stand-alone & Peripheral
- **Memory Capacity**: 32 GB - Memory expandable through USB
- **Label Dimension Limits**:
  - Max. Width: 106.00 mm
  - Min. Height: 19.05 mm
  - Max. Height: 76.2 mm
- **Maximum Print Width (mm)**: 105.70
- **Print Speed (mm/sec)**: 125.00
- **Print Technology**: Monocolour
- **Print Resolution (dpi)**: 300
- **Specialty Material Recommendations**:
  - Raised Panel labels
  - Heatex Cable Markers
  - PermaSleeve Markers
  - Self-laminating Labels

**Industrial Label Printer**
## Portable Printers Comparison Guide

<table>
<thead>
<tr>
<th>Applications</th>
<th>BradyPrinter M611 Mobile Label Printer</th>
<th>BMP61 Label Printer</th>
<th>BMP71 Label Printer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electronics ID</strong></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
</tr>
<tr>
<td><strong>General &amp; Industrial ID</strong></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
</tr>
<tr>
<td><strong>Electrical, voice- &amp; datacomm. ID</strong></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
</tr>
<tr>
<td><strong>Applications</strong></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
</tr>
<tr>
<td><strong>Technical Specifications</strong></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
</tr>
<tr>
<td><strong>Max. Label Width (mm)</strong></td>
<td>50.80</td>
<td>50.80</td>
<td>50.80</td>
</tr>
<tr>
<td><strong>Max. Print Width (mm)</strong></td>
<td>48.76</td>
<td>48.76</td>
<td>45.97</td>
</tr>
<tr>
<td><strong>Min. Label Width (mm)</strong></td>
<td>6.40</td>
<td>6.40</td>
<td>6.40</td>
</tr>
<tr>
<td><strong>Materials Supported</strong></td>
<td>600+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes.</td>
<td>600+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes.</td>
<td>400+ standard parts: continuous tapes, die cut and bulk label rolls, custom made labels and tapes.</td>
</tr>
<tr>
<td><strong>Label Colours</strong></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
<td><img src="https://via.placeholder.com/150" alt="Image" /></td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>Colour LCD Touchscreen</td>
<td>Colour Touchscreen</td>
<td>Colour LCD Screen</td>
</tr>
<tr>
<td><strong>Print Resolution (dpi)</strong></td>
<td>300</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td><strong>Text Sizes (pt)</strong></td>
<td>Within the Brady Workstation Express Labels Mobile App</td>
<td>4 - 174 pt</td>
<td>4 - 174 pt</td>
</tr>
<tr>
<td><strong>Built-in Symbols</strong></td>
<td>Within the Brady Workstation Express Labels Mobile App</td>
<td>450 symbols included</td>
<td>500+ symbols included</td>
</tr>
<tr>
<td><strong>Serialisation</strong></td>
<td>Multiple &amp; Linked</td>
<td>Simple &amp; Simultaneous &amp; Single Advanced &amp; Multiple Advanced</td>
<td></td>
</tr>
<tr>
<td><strong>Keyboard Type</strong></td>
<td>QWERTY, QWERTZ, AZERTY, CYRILLIC</td>
<td>QWERTY, QWERTZ, AZERTY, CYRILLIC</td>
<td>QWERTY, QWERTZ, AZERTY, CYRILLIC</td>
</tr>
<tr>
<td><strong>Language Support</strong></td>
<td>Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish</td>
<td>Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish</td>
<td>Danish, Dutch, English, Finnish, French, Italian, Norwegian (Bokmål), Polish, Portuguese, Romanian, Spanish, Swedish</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>AC Adaptor Rechargeable Battery</td>
<td>AC Adaptor Rechargeable Battery</td>
<td>AC Adaptor Rechargeable Battery</td>
</tr>
<tr>
<td><strong>Print Speed (mm/sec)</strong></td>
<td>33.80</td>
<td>33.80</td>
<td>38.10</td>
</tr>
<tr>
<td><strong>Cutter</strong></td>
<td>Auto cutter</td>
<td>Manual cut</td>
<td>Manual cut</td>
</tr>
<tr>
<td><strong>Connectivity Options</strong></td>
<td>Bluetooth, USB, WIFI</td>
<td>USB 2.0, USB Flash Drive, Optional WIFI (factory installed)</td>
<td>USB</td>
</tr>
<tr>
<td><strong>Internal Memory Capacity</strong></td>
<td>-</td>
<td>512MB - up to 250,000 labels</td>
<td>200 MB - up to 100,000 labels</td>
</tr>
<tr>
<td><strong>Bar Code Type</strong></td>
<td>Code 39 and 128, other via software</td>
<td>Code 39 and 128, other via software</td>
<td>Code 39 and 128, other via software</td>
</tr>
<tr>
<td><strong>Software Compatibility</strong></td>
<td>Brady Workstation Express Labels Mobile App</td>
<td>Brady Workstation, Brady Mobile Apps, LabelMark</td>
<td>Brady Workstation, LabelMark, MarkWare</td>
</tr>
<tr>
<td><strong>Width (mm) x Height x Length</strong></td>
<td>113 x 115 x 279</td>
<td>107 mm x 106 mm x 328 mm</td>
<td>241.30 mm x 116.80 mm x 332.70 mm</td>
</tr>
<tr>
<td><strong>Weight (kg)</strong></td>
<td>1.6 kg</td>
<td>1.5 kg</td>
<td>2.49 kg</td>
</tr>
<tr>
<td><strong>Includes</strong></td>
<td>This printer ships in a cardboard box holding a USB cable, a quick start guide, an AC powercord, a USB stick holding product info and Windows driver, a strap, a Brady Workstation Suite, a roll of PTL-97-488 and an M61-R4310 ribbon</td>
<td>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 Brady Workstation Basic Suite, a roll of PTL-19-423 and an M61-R6010 ribbon</td>
<td>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, a Brady Workstation Basic Suite, M71C-2000-595-WT, M71-31-423 and M71-R6000</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
</tr>
</tbody>
</table>

**Printing solutions**

www.bradyeurope.com
Label design software

Brady Workstation label creation apps

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 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.

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Print Partner</strong></td>
<td>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.</td>
<td>PAID</td>
</tr>
<tr>
<td><strong>Manage Files</strong></td>
<td>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.</td>
<td>FREE</td>
</tr>
<tr>
<td><strong>Label Settings</strong></td>
<td>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.</td>
<td>FREE</td>
</tr>
<tr>
<td><strong>Batch Print</strong></td>
<td>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.</td>
<td>FREE</td>
</tr>
<tr>
<td><strong>Sequence</strong></td>
<td>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.</td>
<td>FREE</td>
</tr>
<tr>
<td><strong>Excel Import</strong></td>
<td>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.</td>
<td>FREE</td>
</tr>
<tr>
<td><strong>Template Editor</strong></td>
<td>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.</td>
<td>PAID</td>
</tr>
</tbody>
</table>
Label design software

CodeSoft Labeling Software
This enterprise-level label design software allows users to design and print custom labels for product identification and tracking. CodeSoft Barcode Software is the professional solution for the most complex barcode labeling 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 bar coding. Brady Labeling Software 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 labeling software to handle all your custom label needs.
High Performance Label Materials

Developed In-House, by our Experts

As a leader in wire and component identification, Brady’s team of scientists and engineers work to provide you with innovative products of the highest technological quality. Brady’s Tobey Research Center material scientists rigorously test all of our products in-house to ensure high performance, industry compliance, durability and reliability.

- Over 200 technologists in laboratory sites around the world
- More than 20 label material patents and growing
- Electro-mechanical, materials and software development teams

Designed to Last. Engineered to Perform

The materials developed by Brady scientists are designed for a wide spectrum of applications and environments. Brady’s in-depth knowledge of the conditions that products face requires extensive testing in harsh environments, including:

- Chemical and fuels: Skydrol®, JP-8 Jet Fuel and brake fluids
- Temperatures from -70°C to 225°C
- Zero-halogen and low out-gassing options

Brady’s products are not only designed to withstand the harshest of environments, but are also designed with the user in mind. We spend time getting to know our customers in order to understand what you need from our products. That means our heat shrink tubing products are:

- Quick and easy to remove from the carrier — no need to cut or tear the sleeve
- Printed with the part numbers along the carrier for easy identification, even after portions are removed from the roll and shipped to different locations
<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>Temp Range</th>
<th>Specs</th>
<th>Compliance</th>
<th>Rec. Ribbon Series</th>
<th>Printer Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Wrap Labels</td>
<td>3:1 ratio heat shrinkable tubing</td>
<td>-67°F to 275°F (55°C to 135°C)</td>
<td>SAE-AMS-DTL-23053/5C (Class 1) SAE-AS-81531 MIL-STD-202</td>
<td>RoHS, UL Recognized</td>
<td>R4300, R6600, R6700 (with black sleeves) Series</td>
<td>BMP71 (3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>3:1 ratio fluid resistant heat shrinkable tubing</td>
<td>-67°F to 275°F (55°C to 135°C)</td>
<td>SAE-AMS-DTL-23053/6 (Class 1) SAE-AS-81531 MIL-STD-202</td>
<td>RoHS</td>
<td>R66000, and R67000 (with black sleeves) Series</td>
<td>BMP71 (3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>2:1 ratio low outgassing high temperature heat shrinkable tubing</td>
<td>-55°C to 225°C (-67°F to 437°F)</td>
<td>NASA SP-R-0022A Outgassing SAE-AS-81531 MIL-STD-202</td>
<td>RoHS</td>
<td>R66000, R66000, and R68000 (with black sleeves) Series</td>
<td>BMP71 (3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>2:1 ratio low smoke, zero halogen heat shrinkable tubing</td>
<td>-22°F to 221°F (-30°C to 105°C)</td>
<td>SAE-AS-81531 MIL-STD-202</td>
<td>RoHS</td>
<td>R43000, R66000, R68000 Series</td>
<td>BMP71 (3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>3:1 ratio diesel resistant heat shrinkable tubing</td>
<td>-55°C to 135°C (-45°C to 27°C)</td>
<td>SAE-AS-81531 MIL-STD-202 method 215k NF T 06-580 Type A and H</td>
<td>RoHS</td>
<td>R66000</td>
<td>(3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Self-laminating &amp; self-extinguishing wire wrap label</td>
<td>-40°C (-49°F) to +70°C (158°F)</td>
<td>-</td>
<td>RoHS, UL Recognized</td>
<td>R4300, R4500</td>
<td>BMP71 (3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Teldar® self-extinguishing, self-laminating wire wrap</td>
<td>-70°C (-94°F) to +120°C (248°F)</td>
<td>-</td>
<td>RoHS</td>
<td>R43000, R62000</td>
<td>(3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Matte finish self-extinguishing wire-wrap label</td>
<td>-70°C (-94°F) to +135°C (275°F)</td>
<td>AS81531, MIL-STD-202, Method 215k</td>
<td>RoHS</td>
<td>R43000, R62000, R67000 Series</td>
<td>(3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Teldar® self-extinguishing wire wrap label</td>
<td>-70°C (-94°F) to +135°C (275°F)</td>
<td>MIL-M-87958</td>
<td>RoHS</td>
<td>R43000, R62000</td>
<td>BMP71 (3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Vinyl-cloth repositionable wire wrap label</td>
<td>-40°C (-49°F) to +80°C (176°F)</td>
<td>-</td>
<td>RoHS, UL Recognized</td>
<td>R62000</td>
<td>(3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Nylon cloth wire-wrap label</td>
<td>-40°C (-49°F) to +90°C (194°F)</td>
<td>DIN VDE 0472 part 815</td>
<td>RoHS, UL Recognized</td>
<td>R43000, R65000, R67000 Series</td>
<td>BMP71 (3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Wire bundle and large conduit heat shrinkable wrap material</td>
<td>-70°C (-94°F) to +110°C (230°F)</td>
<td>MIL-STD-202, Method 215K, SAE-AS-81531</td>
<td>-</td>
<td>R43000, R62000</td>
<td>(3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Glossy polyester flat-surface label</td>
<td>-70°C (-94°F) to +110°C (230°F)</td>
<td>DIN VDE 0472 part 815</td>
<td>RoHS, UL Recognized, CSA</td>
<td>R66000, R44000, R6000</td>
<td>(3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Glossy-polyester for rough surfaces</td>
<td>-40°C (-49°F) to +120°C (248°F)</td>
<td>-</td>
<td>RoHS, UL Recognized, CSA</td>
<td>R60000, R44000, R49000</td>
<td>(3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Raised profile label</td>
<td>-20°C (-4°F) to +100°C (212°F)</td>
<td>-</td>
<td>UL Recognized, cUL Recognized, RoHS</td>
<td>R60000, R44000, R67000 Series</td>
<td>(3300 / 3100 / 3100) WRAPTOR</td>
</tr>
<tr>
<td>Fluid Line Tapes</td>
<td>Glossy self-laminating fluid line tape</td>
<td>-40°C (-49°F) to +150°C (302°F)</td>
<td>LMA-MF699 LMA-MF692B LMA-MF698C RMS-3099A</td>
<td>-</td>
<td>R60000</td>
<td>(3100) WRAPTOR</td>
</tr>
<tr>
<td></td>
<td>Heat-activated fluid line tape</td>
<td>-65°C (-85°F) to +110°C (230°F)</td>
<td>Boeing BPS-T-151</td>
<td>-</td>
<td>R49000, R7961</td>
<td>(3100) WRAPTOR</td>
</tr>
<tr>
<td>Tag Materials</td>
<td>Name® low outgassing cable and harness marking tag</td>
<td>-70°C (-94°F) to +130°C (268°F)</td>
<td>SAE-AS-81531, MIL-STD-202, Method 215K</td>
<td>RoHS</td>
<td>R43000</td>
<td>(3100) WRAPTOR</td>
</tr>
</tbody>
</table>

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
B-342 PermaSleeve PS Polyolefin Wire Marking Sleeves

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 and are both fade-resistant and flame retardant.

Roll Splice Colour: Blue

Sleeve Colours:
- White
- Yellow
- Red
- Pink
- Orange
- Blue
- Green
- Violet
- Brown
- Gray
- Black

Meets Specs:
- SAE-AMS-DTL-23053/5C (Class 1)
- SAE-AS-81531 RoHS Compliant
- MIL-STD-202 UL Recognized

Tested per:
- ASTM E162
- ASTM E662

Temp Range:
- -67°F to 275°F (-55°C to 135°C)

Shrink Ratio: 3:1

Recommended Printing Solution

Printer Series:
- BradyPrinter 7100 Industrial Label Printer
- BradyPrinter 5100 Industrial Label Printer
- BBP72 Double Sided Printer

Ribbon Series:
- R4300, R6800, R6700 (with black sleeves) Series

Software:
- Brady Workstation Software

Create your own:

Create your own PS PermaSleeve:

Follow these steps to create the B-342 PermaSleeve PS Wire Marking Sleeve part number that meets your needs.

Example article number:

3PS - 187 - 2 - WT

Product Diameter Width Colour Roll Qty

- PS = Single Sided Printing
- 3PS = Double Sided Printing

STEP 1:

Product Type

094 = 4.60 mm 0.58 - 2.03 mm dia. 28 to 20 gauge
125 = 6.00 mm 1.17 - 2.79 mm dia. 22 to 16 gauge
187 = 8.50 mm 1.57 - 3.81 mm dia. 20 to 10 gauge
250 = 11.15 mm 2.39 - 5.46 mm dia. 16 to 8 gauge
375 = 16.40 mm 3.28 - 8.13 mm dia. 12 to 4 gauge
500 = 21.60 mm 4.75 - 11.43 mm dia. 8 to 1 gauge
750 = 31.80 mm 6.35 - 17.78 mm dia. 6 to 4/0 gauge
1000 = 42.16 mm 9.53 - 24.13 mm dia. 2 to 0.950” dia.
1500 = 61.80 mm 12.70 - 36.83 mm dia. n/a

STEP 2:

Diameter

94 = 4.60 mm
125 = 6.00 mm
187 = 8.50 mm
250 = 11.15 mm
375 = 16.40 mm
500 = 21.60 mm
750 = 31.80 mm
1000 = 42.16 mm
1500 = 61.80 mm

STEP 3:

Sleeve Width

150 = 38.10 mm sleeve width
2 = 50.80 mm sleeve width

STEP 4:

Colour

WT = White
YL = Yellow
BL = Blue
OR = Orange
PK = Pink
BK = Black
BR = Brown
VT = Violet

STEP 5:

Roll Qty.

1 = Standard quantity, leave blank. For small qty, enter "S".

STEP 6:

Pieces Per Sleeve

1 marker per sleeve is standard.
If desired, the sleeve can be split into multiple pieces.

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
B-344 PermaSleeve FR Fluid Resistant Wire Marking Sleeves

B-344 PermaSleeve Fluid Resistant Wire Marking Sleeves are a 3:1 heat shrinkable wire marking sleeve that fits snugly around wires for identification and protection and offer greater resistance to harsh chemicals such as fuels, lubricants and cleaning solvents.

Meets Specs:
- SAE-AMS-DTL-23053/6 (Class 1)
- SAE-AS-81531
- MIL-STD-202G

Temp Range:
- -67°F to 275°F (-55°C to 135°C)

3:1 Shrink Ratio:
- 3:1 for 1" dia only
- 2:1 for 1-1/5" dia. only

Roll Splice Colour: Green

Sleeve Colours:
- White
- Yellow
- Red
- Pink
- Orange
- Blue
- Green
- Violet
- Brown
- Gray
- Black

Create your own FR PermaSleeve:

Follow these steps to create the B-344 PermaSleeve FR Wire Marking Sleeve part number that meets your needs.

Example article number:
3FR - 187 - 2 - WT

Create your own:

Product Diameter Width Colour

Recommended Printing Solution

Printer Series:
- BradyPrinter i7100 Industrial Label Printer
- BBP72 Double Sided Printer

Ribbon Series:
- R6600, R6700 (with black sleeves) Series

Software:
- Brady Workstation Software

For full material specs, visit bradyeurope.com/tds and search by the B-Number.

www.bradyeurope.com
B-345 PermaSleeve HT High Temperature PVDF Wire Marking Sleeves

B-345 PermaSleeve HT High Temperature PVDF Wire Marking Sleeves are a 2:1 ratio (for 1/8”–1-1/2” diameters) and 3:1 ratio (for 3/32” diameter) 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.

**Shrink Ratio:**
- 3:1 for 3/32” dia only
- 2:1 for 1/8” to 1-1/2” dia. only

**Temp Range:**
-67°F to 437°F (-55°C to 225°C)

**Roll Splice Colour:** Yellow

**Sleeve Colours:**
- White
- Yellow
- Pink
- Blue
- Black

Create your own HT PermaSleeve:

Follow these steps to create the B-345 PermaSleeve HT Wire Marking Sleeve part number that meets your needs.

**Example article number:**

2HT - 187 - 2 - WT

**STEP 1:**

Product Type
- 3HT = 3:1 Ratio, 094 Dia. Size Only, Double Sided Printing
- 2HT = 2:1 Ratio, 125–1500 Dia. Sizes Only, Double Sided Printing

**STEP 2:**

Diameter
- 094 = 4.60 mm, 0.58 - 2.03 mm dia.
- 125 = 6.00 mm, 1.17 - 2.79 mm dia.
- 187 = 8.50 mm, 1.57 - 5.81 mm dia.
- 250 = 11.15 mm, 2.39 - 5.46 mm dia.
- 375 = 16.40 mm, 3.28 - 8.13 mm dia.
- 500 = 21.60 mm, 4.75 - 11.43 mm dia.
- 750 = 31.80 mm, 6.35 - 17.78 mm dia.
- 1000 = 42.16 mm, 9.53 - 24.13 mm dia.
- 1500 = 61.80 mm, 12.70 - 36.83 mm dia.

**Minimum Roll Qty.:**

Standard is small size, please enter “S”.

- If sleeve diameter is 094–250 Standard Small (S) = 250
- If sleeve diameter is 375–500 Standard Small (S) = 500
- If sleeve diameter is 750–1500 Standard Small (S) = 100

**STEP 3:**

Sleeve Width
- 50.80 mm sleeve width

**STEP 4:**

Colour
- Standard Colours
  - WT = White
  - YL = Yellow
  - PK = Pink
  - BL = Blue
  - BK = Black
- Special Order Colours

**STEP 5:**

Roll Qty.
- 2

**STEP 6:**

Pieces Per Sleeve
- 1 marker per sleeve is standard.
- If desired, the sleeve can be split into multiple pieces.
- 2 = Sleeve is slit to create 2 pieces
- 3 = Sleeve is slit to create 3 pieces
- 4 = Sleeve is slit to create 4 pieces

Recommended Printing Solution

**Printer Series:**
- BradyPrinter i7100 Industrial Label Printer
- BradyPrinter i5100 Industrial Label Printer
- BBP72 Double Sided Printer

**Ribbon Series:**
- R6000, R6600, and R6800 (with black sleeve) Series

**Software:**
- Brady Workstation Software

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
B-7641 PermaSleeve LSZH Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves

B-7641 PermaSleeve LSZH Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable, low smoke, zero halogen wire marking sleeves. The wire marking sleeves offer outstanding fire safety properties and minimal smoke emission.

**Meets Specs:**
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant

**Tested per:**
- ASTM E162
- ASTM E662

**Temp Range:**
- -22°F to 221°F (-30°C to 105°C)

**2:1 Shrink Ratio:**

**Roll Splice Colour:** Clear

**Sleeve Colours:**
- White
- Yellow
- Red
- Orange
- Blue
- Green
- Violet
- Gray
- Black

---

**Create your own LSZH PermaSleeve:**

Follow these steps to create the B-7641 PermaSleeve LSZH Wire Marking Sleeve part number that meets your needs.

**Example article number:**

2LSZH - 187 - 2 - WT

**STEP 1:**
- Product Type
  - LSZH = Single Sided Printing
  - 2LSZH = Double Sided Printing

**STEP 2:**
- Diameter
  - 094 = 4.60 mm, 0.58 - 2.03 mm dia.
  - 125 = 6.00 mm, 1.17 - 2.79 mm dia.
  - 187 = 8.50 mm, 1.57 - 3.81 mm dia.
  - 250 = 11.15 mm, 2.39 - 5.46 mm dia.
  - 375 = 16.40 mm, 3.28 - 8.13 mm dia.
  - 500 = 21.60 mm, 4.75 - 11.43 mm dia.
  - 750 = 31.80 mm, 6.35 - 17.78 mm dia.
  - 1000 = 42.16 mm, 9.53 - 24.13 mm dia.
  - 1500 = 61.80 mm, 12.70 - 36.83 mm dia.
  - 2000 = 80.40 mm, 25.40 - 48.26 mm dia.

**STEP 3:**
- Sleeve Width
  - 150 = 38.10 mm sleeve width
  - 2 = 50.80 mm sleeve width
  - 3 = 76.20 mm sleeve width

**STEP 4:**
- Colour
  - WT = White
  - BL = Blue
  - OR = Orange
  - RD = Red
  - YL = Yellow
  - GR = Green
  - GY = Gray
  - VT = Violet

**STEP 5:**
- Roll Size
  - For standard quantity, leave blank. For small qty, enter “S”.
  - If sleeve diameter is 094–187: Standard = 2,500 Small (S) = 500
  - If sleeve diameter is 250: Standard = 500 Small (S) = 250
  - If sleeve diameter is 375–1500: Standard = 250 Small (S) = 100
  - If sleeve diameter is 2000: Standard = 100 Small (S) = 50

**STEP 6:**
- Pieces Per Sleeve
  - 1 marker per sleeve is standard. If desired, the sleeve can be split into multiple pieces.
  - 2 = Sleeve is slt to create 2 pieces
  - 3 = Sleeve is slt to create 3 pieces
  - 4 = Sleeve is slt to create 4 pieces

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
B-7642 PermaSleeve HX Polyolefin Wire Marking Sleeves

B-7642 PermaSleeve HX Polyolefin Wire Marking Sleeves are 2:1 heat shrinkable. The sleeves are high-temperature rated, highly flame retardant, and very flexible.

**Meets Specs:**
- SAE-AMS-DTL-23053/5 Class 1 & 3
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant

**Temp Range:**
-40°F to 248°F (-38°C to 120°C)

**2:1 Shrink Ratio:** 2:1

**Roll Splice Colour:** Red

**Sleeve Colours:**
- White
- Yellow
- Red
- Orange
- Blue
- Green
- Violet
- Gray
- Black

---

**Calculate Roll Size:**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Width</th>
<th>Pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>094</td>
<td>4.60 mm</td>
<td>24 to 20 gauge</td>
</tr>
<tr>
<td>125</td>
<td>6.00 mm</td>
<td>20 to 16 gauge</td>
</tr>
<tr>
<td>187</td>
<td>8.50 mm</td>
<td>16 to 10 gauge</td>
</tr>
<tr>
<td>250</td>
<td>11.15 mm</td>
<td>12 to 8 gauge</td>
</tr>
<tr>
<td>375</td>
<td>16.40 mm</td>
<td>8 to 4 gauge</td>
</tr>
<tr>
<td>500</td>
<td>21.60 mm</td>
<td>6 to 1 gauge</td>
</tr>
<tr>
<td>750</td>
<td>31.80 mm</td>
<td>2 to 4/0 gauge</td>
</tr>
<tr>
<td>1000</td>
<td>42.16 mm</td>
<td>2/0 to 0.950&quot;</td>
</tr>
<tr>
<td>1500</td>
<td>61.80 mm</td>
<td>n/a</td>
</tr>
<tr>
<td>2000</td>
<td>80.40 mm</td>
<td>n/a</td>
</tr>
</tbody>
</table>

**STEP 1:**
- **Product Type:**
  - HX = Single Sided Printing
  - 2HX = Double Sided Printing

**STEP 2:**
- **Product Diameter:**
  - 094 = 4.60 mm
  - 125 = 6.00 mm
  - 187 = 8.50 mm
  - 250 = 11.15 mm
  - 375 = 16.40 mm
  - 500 = 21.60 mm
  - 750 = 31.80 mm
  - 1000 = 42.16 mm
  - 1500 = 61.80 mm
  - 2000 = 80.40 mm

**STEP 3:**
- **Sleeve Width:**
  - 150 = 38.10 mm sleeve width
  - 2 = 50.80 mm sleeve width
  - 3 = 76.20 mm sleeve width

**STEP 4:**
- **Roll Size:**
  - 1 = Standard
  - 2 = Small
  - 3 = Jumbo

**STEP 5:**
- **Pieces Per Sleeve:**
  - 1 marker per sleeve is standard. If desired, the sleeve can be split into multiple pieces.
  - 2 = Sleeve is slit to create 2 pieces
  - 3 = Sleeve is slit to create 3 pieces
  - 4 = Sleeve is slit to create 4 pieces

---

**Recommended Printing Solution**

**Printer Compatibility:**
- BradyPrinter i7100 Industrial Label Printer
- BBP72 Double Sided Printer

**Ribbon Series:**
- R4300, R6400, RB600, 356126 Series

**Software:**
- Brady Workstation Software
- CodeSoft Software

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
B-7646 PermaSleeve DR Diesel Resistant Polyolefin Wire Marking Sleeves

Brady’s B-7646 diesel resistant wire marking sleeves are a yellow, 3:1 ratio heat shrinkable wire marking sleeves. These thermal transfer printable sleeves feature a double-sided format.

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.

- **Sleeve Width:** 2
- **Product Type:** DR = Double Sided Printing
- **Diameter:**
  - 125 = 6.00 mm
  - 187 = 8.50 mm
  - 250 = 11.15 mm
  - 375 = 16.40 mm
  - 500 = 21.60 mm

- **Temp Range:** -67°F to 275°F (-55°C to 135°C)
- **Shrink Ratio:** 2:1
- **Roll Splice Colour:** Clear

**Sleeve Colours:**
- Yellow

**Create your own DR PermaSleeve:**

Follow these steps to create the B-7646 PermaSleeve DR Wire Marking Sleeve part number that meets your needs.

**Example article number:**

**DR - 125 - 2 - YL**

<table>
<thead>
<tr>
<th>Product</th>
<th>Diameter</th>
<th>Width</th>
<th>Colour</th>
<th>Pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR</td>
<td>125</td>
<td>6.00</td>
<td>Yellow</td>
<td>4</td>
</tr>
</tbody>
</table>

**Recommended Printing Solution**

- **Printer Compatibility:** BradyPrinter i7100 Industrial Label Printer, BBP72 Double Sided Printer
- **Ribbon Series:** R6600 Series
- **Software:** Brady Workstation Software

**Tested per:**
- ASTM E162
- ASTM E662

**Meets Specs:**
- SAE-AS-81531
- MIL-STD-202 method 215k
- NF F 00-608 Type A and H

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
PermaSleeve Polyolefin Sleeves for i3300 Printers

Follow these steps to create the BradyPrinter i3300 permasleeve part number that meets your needs.

Example article number:
B33 - 125 - 2 - 342YL - 2
Product Diameter Width Material/Colour Pieces

Create your own:

Product Diameter Width Material/Colour

PermaSleeve Polyolefin Sleeves for BMP71 Printers:

Follow these steps to create the BMP71 printer permasleeve part number that meets your needs.

Example article number:
M71 - 125 - 1 - 342YL
Product Diameter Width Material/Colour

Create your own:

Product Diameter Width Material/Colour

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
Finding the correct label height for your Self Laminating labels

If you know your wire diameter or wire circumference, you can easily determine the correct label height by using the formula below.

**Step 1:** Wire Diameter

\[
\text{Wire Circumference} = \pi \times \text{Wire Diameter}
\]

**Step 2:** Wire Circumference

\[
\text{Total Label Length} = \text{Wire Circumference} \times 1.5 \text{ (allowing label to wrap } 1.5 \text{ times around wire)}
\]
B-472 Self-Extinguishing Wire Wrap Label
B-472 Polymide Wire Wraps are highly flame-retardant and specifically designed for wire and cable identification applications where self-extinguishing and flame retardant properties are an absolute requirement. In addition, B-472 can also be used for component labeling and Unique Identification (UID) labeling.

- **Meets Specs:**
  - RoHS Compliant
  - SAE-AS-81531
  - MIL-STD-202 method 215k
  * with approved ribbons and surfaces

- **Temp Range:**
  - -94°F to 275°F (-70°C to 135°C)

- **Fits Wire Diameters:**
  - 0.063” (1.61 mm) and up

- **Available Colours:**
  - White
  - Yellow

- **Tested per:**
  - ASTM D 1000 (Flammability)
  - ASTM E162 (Flame Spread)
  - ASTM E662 (Flame Emission)

- **Printer Compatibility:**
  - BradyPrinter i7100 Industrial Label Printer
  - BradyPrinter i5100 Industrial Label Printer
  - Wraptor A6500 Printer Applicator
  - BMP71 Printer

- **Ribbon Compatibility:**
  - R4300 Series
  - R6200 High Performance Series

---

B-437 Self-Extinguishing Wire Wrap Labels
Tedlar® Wire Wrap Labels (B-437) are self-extinguishing and exhibit good solvent and heat resistance. This material is intended for cable and wire bundle applications where self-extinguishing properties are required.

- **Meets Specs:**
  - RoHS Compliant
  - MIL-M-87958
  - Boeing BMS 13-47
  * with approved ribbons and surfaces

- **Temp Range:**
  - -94°F to 275°F (-70°C to 135°C)

- **Wire Diameters:**
  - 0.079” (2.02 mm) and up

- **Available Colours:**
  - White
  - Yellow

- **Printer Compatibility:**
  - BradyPrinter i7100 Industrial Label Printer
  - BradyPrinter i5100 Industrial Label Printer
  - BMP71 Printer

- **Ribbon Compatibility:**
  - R4300 Series
  - R6200 High Performance Series

---

B-637 Self-Extinguishing Dot Matrix Wire Wrap Labels
Tedlar® Dot Matrix Printable Wire Wrap Labels (B-637) are self-extinguishing and exhibit good solvent and heat resistance. This material is intended for cable and wire bundle applications where self-extinguishing properties are required.

- **Meets Specs:**
  - RoHS Compliant
  - MIL-M-87958
  - Boeing BMS 13-47
  * with approved ribbons and surfaces

- **Temp Range:**
  - -94°F to 275°F (-70°C to 135°C)

- **Wire Diameters:**
  - 0.063” (1.61 mm) and up

- **Available Colours:**
  - White
  - Yellow

- **Tested per:**
  - ASTM B 117

- **Printer & Ribbon Compatibility:**
  - Material is dot matrix printable on a variety of dot matrix printers using R2000 and R5000 dot matrix ribbons.

Tedlar® is a registered trademark of DuPont.

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
B-498 Repositionable Wire Wrap Labels

Repositionable Vinyl Cloth Wire Wrap Labels (B-498) have excellent holding power, while allowing for clean removal and repositioning of the label. Ideal for marking both ends of a wire that you may need to cut shorter before final termination.

- **Meets Specs:**
  - UL Recognized
  - RoHS Compliant
  - *with approved ribbons and surfaces

- **Temp Range:**
  - -40°F to 175°F (-40°C to 80°C)

- **Fits Wire Diameters:**
  - 0.076” (1.94 mm) and up

- **Available Colours:**
  - White

- **Tested per:**
  - ASTM G155, Cycle 1
  - ASTM B117
  - Fed. Std. 191A (Method 5306)

- **Printer Compatibility:**
  - BradyPrinter i7100 Industrial Label Printer
  - BradyPrinter i5100 Industrial Label Printer
  - BradyPrinter i3300 Industrial Label Printer
  - BMP71 Printer

- **Ribbon Compatibility:**
  - R4300 and R6000 Standard Series
  - R4900 and R6200 High Performance Series
  - R4500 Colour Series

B-499 Permanent Adhesive Wire Wrap Labels

Permanent Adhesive Nylon Cloth Wire Wrap Labels (B-499) are intended for general wire marking and labeling applications.

- **Meets Specs:**
  - UL Recognized
  - CSA Accepted
  - Halogen-Free per DIN VDE 0472 (part 815)
  - RoHS Compliant
  - *with approved ribbons and surfaces

- **Temp Range:**
  - -40°F to 193°F (-40°C to 90°C)

- **Fits Wire Diameters:**
  - 0.079” (2.02 mm) and up

- **Available Colours:**
  - White

- **Tested per:**
  - ASTM G155, Cycle 1
  - ASTM D 2979
  - Fed. Std. 191A (Method 5306)

- **Printer Compatibility:**
  - BradyPrinter i7100 Industrial Label Printer
  - BradyPrinter i5100 Industrial Label Printer
  - Wraptor A6500 Printer Applicator
  - BradyPrinter i3300 Industrial Label Printer
  - BMP71 Printer

- **Ribbon Compatibility:**
  - R4300 and R6000 Standard Series
  - R4900 and R6200 High Performance Series
  - R4500 Colour Series

  * Material is also dot matrix printable on a variety of dot matrix printers using R2000 and R5000 dot matrix ribbons.

View the Technical Data Sheets

Technical Data Sheets for all Brady materials are available online. View by a specific B-Numbers or search by relevant keywords.

bradyeurope.com/tds
B-423 Glossy Flat Surface Labels
Polyester labels with a gloss topcoat (B-423) and standard adhesive are intended for use in a variety of applications, including electronic PCB and component identification, bar code labeling, inside-panel component labeling, rating plates and solar panel identification.

- **Meets Specs:** Halogen-Free per DIN VDE 0472 (part 815)
- **Temp Range:** -40°F to 230°F (-40°C to 110°C)
- **Available Colours:** White

B-483 Aggressive Adhesive Glossy Flat Surface Labels
Gloss White Polyester Labels (B-483) with an ultra aggressive adhesive specifically designed for high adhesion to textured metals and low surface energy plastics. This material is also ideal for applications requiring adhesion to powder coated surfaces.

- **Meets Specs:** UL Recognized, RoHS Compliant, CSA Accepted
- **Temp Range:** -40°F to 248°F (-40°C to 120°C)
- **Available Colours:** White

B-593 Raised Profile Labels
Raised Profile Labels (B-593) are constructed with a gloss polyester printable surface and an aggressive foam backed adhesive. This provides nameplate-like quality and is intended for use as identifying external push-buttons and switches, as well as rating and serial plates.

Raised profile labels are available in a rectangular format but also with 22.5 and 30.5mm diameter holes to support identification of IEC and NEMA standard push buttons.

- **Meets Specs:** UL Recognized, cUL Recognized, RoHS Compliant
- **Temp Range:** -4°F to 212°F (-20°C to 100°C)
- **Available Colours:** White, Yellow, Red, Blue, Green, Silver

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
**B-992 Glossy Fluid Line ID Tape**

Our Self-Laminating Fluid Line Identification Tape (B-992) is a glossy polyester tape with permanent, pressure sensitive acrylic adhesive. It can also have a clear tail for self-laminating the printed legend to provide additional durability. In addition, these tapes can eliminate the need for painting, hot stamping and etching of rigid tube identification.

**Specifications:**
- LMA-MF099
- LMA-MF092B

**Ribbon Compatibility:**
- R6000 Standard Series

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**B-999 Subsurface Printed Fluid Line ID Tape**

The Subsurface Printed Fluid Line Identification Tape (B-999) is available in a continuous rollform or die-cut format. It is a subsurface printed, flexible, transparent polyester film tape with heat activated adhesive. The adhesive has superior resistance to fuels, oils, and hydraulic fluids when compared to typical pressure sensitive adhesives. The B-999 tape’s low initial adhesion makes the tape easy to reposition when first applied.

- Type 1 - 1" wide without a printable zone
- Type 2 - 3" wide with dot matrix or thermal transfer printable zone
- Available in common colour code legends

**Specifications:**
- Boeing BPS-T-151 and colours target MIL-STD-1247C

**Ribbon Compatibility:**
- R6000 Standard Series
B-508 Nomex® Cable and Harness Marking Tags

High performance Nomex® Cable and Wire Harness Marking Tags (B-508) are designed for use in harsh environments by offering excellent tear, solvent and heat resistance. After printing, they are fastened to bundles using zip ties (sold separately).

**Meets Specs:**
- SAE-AS-81531
- MIL-STD-202, Method 215k
- RoHS compliant
  * with approved ribbons and surfaces

**Temp Range:**
- -40°F to 248°F (-40°C to 120°C)

**Available Colours:**
- White
- Yellow

**Tested per:**
- ASTM E162
- ASTM E662

**Printer Compatibility:**
- BradyPrinter i7100 Industrial Label Printer

**Ribbon Compatibility:**
- R4300 Standard Series
  * Material is also dot matrix printable on a variety of dot matrix printers using R2000 and R5000 dot matrix ribbons.

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B-330 BradyWrap Cable Markers

BradyWrap Cable Markers (B-330) are heat shrinkable polyolefin markers for wire bundles, large conduits, and installed cables after or before termination. Markers can be heat activated using a heat tool or an over (2 minutes at 275°F) to create the most permanent adhesive bond. B-330 can also be used without heat activation; in that case 72-hour dwell is recommended.

**Meets Specs:**
- MIL-STD-202, Method 215k
- SAE-AS-81531
  * with approved ribbons and surfaces

**Temp Range:**
- -94°F to 230°F (-70°C to 110°C)

**Available Colours:**
- White

**Tested per:**
- ASTM B-117
- ASTM G155, Cycle 1

**Printer Compatibility:**
- BradyPrinter i7100 Industrial Label Printer

**Ribbon Compatibility:**
- R4300 Standard Series
  * Material is also dot matrix printable on a variety of dot matrix printers using R2000 and R5000 dot matrix ribbons.

Nomex® is a registered trademark of DuPont.

For full material specs, visit bradyeurope.com/tds and search by the B-Number.
**Specialty systems**

**BSP45 Wire ID Sleeve Applicator**

An easy-to-use, fast and cost-effective alternative to manual sleeve application.

The BSP45 Applicator automatically removes sleeves from the liner, opening and applying them to the wires.

- **Fast.** Up to 6-10 seconds faster than manual labeling.
- **Easy.** Eliminate the tedious, manual and repetitive task of application that can lead to bottlenecks and repetitive motion injuries.
- **Cost Effective.** Save labor time and resources with quicker, automated application.
- **Reliable.** Durable unit for high-volume, long term use.

**Mandrels and Dies**

Mandrels and dies can quickly be interchanged for sleeve application jobs of .094 to .315 sleeve diameters and in both 1" and 2" sleeve widths.

*One set of dies and one mandrel of your choice included with applicator.

More info online: bradyeurope.com/bsp45

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**Wraptor™ A6500 Wire ID Printer Applicator**

Make the Identification Process Easier

The Wraptor A6500 helps you move through your work faster and takes manual processes out of your hands. With this innovative print and apply machine, you can move your productivity forward — and turn a series of labor-intensive, inefficient tasks into a modern automated process. Benefits include:

- **Increased Productivity.** Save time and labor by printing and applying labels in 5 seconds in a modern automated process.
- **Easy to Use.** Includes a full colour responsive touch screen and an icon based user interface for ease-of-use.
- **Easy to Connect.** Enhanced connectivity, three USB ports and 32GB of internal memory to store commonly used job files.

**Wraptor Compatible Materials:**

- B-427 Self-Laminating Wire Material
- B-472 Polyimide Wirewrap Material
- B-499 Nylon Cloth Material

More info online: bradyeurope.com/wraptor

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**BSP45 Wire ID Sleeve Applicator**

- SA-3PS Polyolefin PermaSleeves (B-342)
- SA-2LSZH Low Smoke Zero Halogen PermaSleeves (B-7641)
- SA-3DR Diesel Resistant PermaSleeves (B-7646)

More info online: bradyeurope.com/bsp45
Our mission is to identify and protect people, products and places.

**BRADY CORPORATION**

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.

**COMPANY OVERVIEW**

BRADY manufactures and markets:

- 6500 employees around the world
- Operations in 29 countries
- Distribution in more than 100 countries through more than 4,400 distributor partners

**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

**WHEN PERFORMANCE MATTERS MOST**

<table>
<thead>
<tr>
<th>Region</th>
<th>Country</th>
<th>Contact Details</th>
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<tbody>
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