



## Cable & Wire Identification Solutions

## Products that perform

Brady cable & wire identification solutions have withstood the most demanding industrial environments in the world, and beyond. Even when launched into space, our labels stay in place to clearly identify cables and wires. Brady labels are compliant with many global quality requirements, and our R&D department is always ready to rigorously test our identification solutions against industry specific requirements.



## Industry Expertise

### Mass Transit

Any identifying label, marker or tag has to withstand aggressive solvents used in the Mass Transit industry, without suffering losses in visibility or readability. Wide ranges of operating temperatures add to the demand for highly resistant identification products on cables, wires & components. Brady develops tailor-made high-performance solutions, fully answering these requirements.

### Aerospace & Defence

Maximum reliability in identifying cables, wires & components contributes to the optimal uptime of vehicles and their equipment. Brady's identifying labels and tags defy extreme heat, cold and harsh environments without loss in performance and their high quality helps reduce maintenance time to a minimum.

### Electrical

Clear, methodical and durable identification of cables, wires & components can be vital to speed and flexibility in this fast and demanding professional environment. Pressure on time and money can be great, and this is where well identified cables, wires & components can be important for profitability.

### Datacom & Telecom

In the ICT & Telecom industry speed and recovery are crucial during incidents. Swift identification of cables, wires & components is important to get applications back online fast, and avoid upsetting thousands of users. Brady offers easy-to-apply solutions, with maximum durability and readability for all identification challenges the industry faces.

### Automotive

Tracing millions of components manufactured, transported and assembled into new vehicles around the world is a major challenge. Brady offers globally available and fully automated identification solutions to support greater production throughput and increased quality. Resistant to heat, brake fluid, oil and aggressive solvents, Brady labels



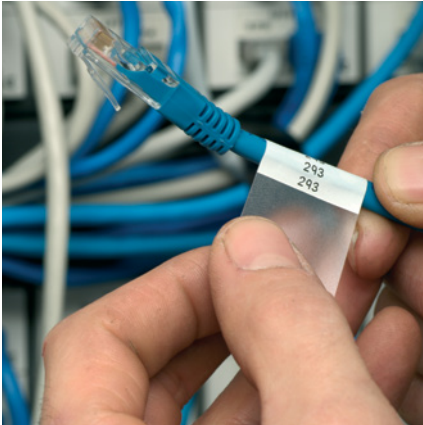


## Wrap Around Labels

Brady's Wrap Around labels offer good fading and abrasion resistance. Identifying cables and wires permanently or temporary, wraparound labels exist in a great variety offering both excellent print quality and high resistances versus extreme temperatures, chemicals and fuels.

Our self-laminating solutions offer excellent print protection, both indoor and outdoor.

**Self-laminating Vinyl Cable Labels (B-427)** have a durable translucent vinyl film with an acrylic pressure sensitive adhesive. These labels have a white (or other colour options) thermal transfer printable zone and a transparent over-laminating area, which wraps around the label to protect the text from fading and abrasion.



**Repositionable Vinyl Cloth (B-498)** labels feature a specially formulated top coat with a cloth backing. These labels provide very good thermal transfer print quality and excellent holding power, while allowing for clean removal and repositioning of the label.

**Flame retardant Cable & Wire wrap Labels (B-472 & B-637/B-437 Tedlar\* labels)**

are self-extinguishing and prevent flames from propagating. They are part of a line of Flame Retardant Wire Wraps especially suited for wrapping on smaller diameter cables and wires. Their special topcoat allow for crystal clear THT print quality and excellent chemical resistance. Flame retardant wire wrap labels are ideal for high temperature applications.

\*TEDLAR® is a registered trademark of DuPont.



## Flag labels

Flags are an excellent solution when more information, or a barcode, is needed to properly identify a cables and wires.

**Polypropylene Flag labels (B-425)** represent excellent solution to identify fibre-optic cables. The material is very flexible. Brady created a P- and a T-shaped label with this material to make sure the adhesive surface between label and fibre-optic.



**Nylon-cloth (B-499) and Vinyl-cloth (B-498)** Pre-formatted cable flags with two printable areas, allowing label to be easily folded around wires to create a two-sided, printed flag.



### Customisation possible

Brady can fully customise your identification solution to answer your needs.

## Cables & Wire Sleeves

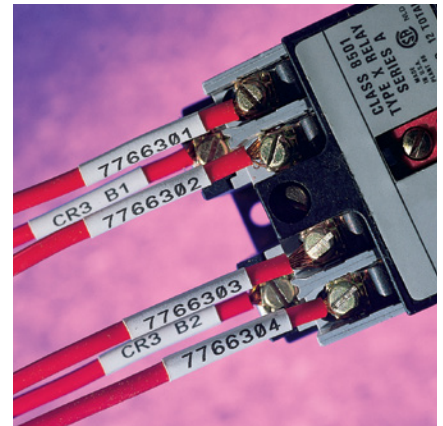
Brady offers quality sleeves to slide over cables and wires for use in a variety of applications and industries. Brady's printable and smudge-proof sleeves are resistant to heat, fire, common fuels, organic fluids, lubricants and solvents with minimal smoke emission.

**PermaSleeve™ Heat-shrink Sleeves (B-342)** with a full-circle design, offer a snug fit and permanent identification. PermaSleeve Heat-shrink Sleeves are fade-resistant, self-extinguishing and smudge-proof. Shrink ratio is 3:1.

**Halogen-Free Heat-shrink Sleeves (B-7641)** are made of halogen-free, flexible flame retardant heat-shrink polyolefin tubing, offering fire safety properties and minimal smoke emission. Shrink Ratio is 2:1.

**Diesel resistant sleeves (B-7646)** are available in yellow (other colours available on request) and thermal transfer printable. These are developed to be used in applications that have exposure to organic fluids, common fuels, lubricants & solvents. Shrink ratio is 3:1.

**High Temperature Heat-shrink Sleeves (B-345)** are fully flame retardant and can resist heat up to 225°C. They are made from PVDF (Polyvinylidene Fluoride) and are also suitable for low out-gassing applications. Shrink ratio is 2:1.



## DuraSleeve™ Inserts & Carriers

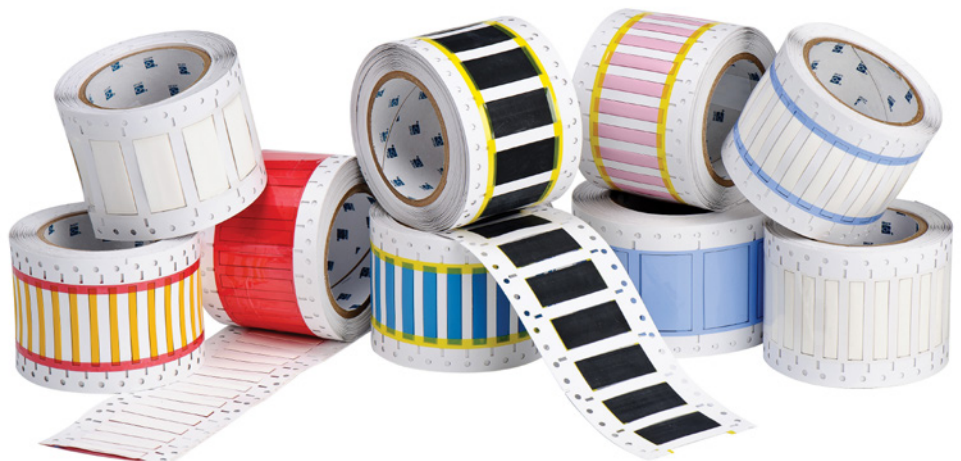
The DuraSleeve marker solution consists of two components: a transparent tube (carrier) with a label pocket and an insert to slide into this pocket. The legend is at all times protected by the tube and can easily be replaced.

**Insertable Polyethylene tags (B-7599)** 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.

**Rigid Durasleeve (B-7596)** 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.



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



## Cables & Wire Tags

Tags with high tear, solvent and heat resistance can identify cables and wires in harsh environments. A wide range of colours is available. Tags are normally attached to a wire or cable using cable ties.

**Thermal transfer printable Nomex®\* tag material (B-508)** designed for use in harsh environments. This tag material offers excellent tear, solvent, and heat resistance.

**The Polyether-Polyurethane tag (B-7643)** has halogen free properties. Even printing on the liner is possible. It is available in different colours: White, Yellow, Red, Black & Orange.

**Laminat™ Carriers (B-7644)** are used in conjunction with a text label, for cable identification where permanency of the legend is crucial.

**Laminat™ Tags (Manila Tags) (B-7645)** are ideal for identification of products in tough environments. Also have the option of being supplied with a reinforced ring.

**Stainless Steel tags (B-7316)** are resistant up to 920°C, designed for use in extremely harsh environments where standard tag materials cannot fulfil your identification needs.

**Stainless Steel Cable Ties (B-7304 & B-7306)** when coupled with a Stainless Steel Cable Tag, provide a long lasting durable marker.

**B-7598 Polyester Cable Identification Tag** has been developed to keep cables identified in outdoor environments. It offers up to 10 year outdoor legibility and durability and is available in 7 colours.

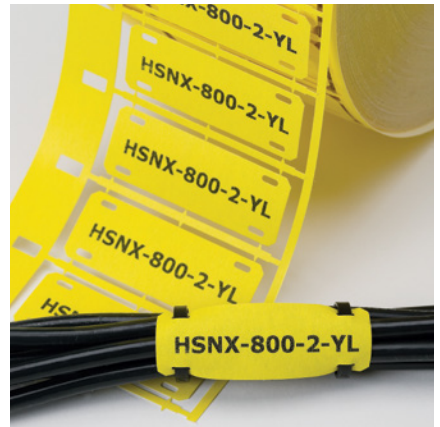
*\*NOMEX® is a registered trademark of DuPont.*

## Component ID

Brady further supports installers by completing its cable & wire identification offer with solutions to identify all types of components: patch panels, outlets, terminal blocks, switches and push buttons.

**Engraved Plate REplacement - EPREP Labels (B-7593)** are made of Polyethylene-foam and Laminated Polyester. They are available in a variety of styles and colours to meet your product and equipment identification needs. Meet your lean manufacturing goals by creating durable, cost-effective legend plates on demand with less time, cost, and hassle than engraved plates.

**High-performance Vinyl (B-595)** is durable, low-shrink vinyl with our most aggressive adhesive. Continuous rolls of B-595 material are available in different colours. Very popular when you need to create your own sign or instruction label.



# Brady label printers for professional use

For professionals who are always on the move, Brady offers a range of **portable printers**. They are lightweight and small, but they pack a powerful punch when it comes to performance.

Brady **benchtop printers** are ideally suited to produce large volumes of different labels. They can print barcodes, text and graphics on labels, tags, and wire markers. Further up the range they can even print both sides of heat shrink sleeves in one pass, eliminating time consuming reprinting and rewinding.

Brady Wraptor A6500 is an excellent choice for **automated print & apply**. It speeds up cable and wire ID by significantly reducing related workloads. The Wraptor A6500 adds productivity by changing a series of labour intensive tasks into a practical, automated process, saving time and materials.

**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.



## Africa

Randburg, South Africa  
Tel.: +27 11 704 3295  
Email: [africa@bradycorp.com](mailto:africa@bradycorp.com)

## Benelux

Zele, Belgium  
Tel.: +32 (0) 52 45 78 11  
Email: [benelux@bradycorp.com](mailto:benelux@bradycorp.com)

## Central & Eastern Europe

Bratislava, Slovakia  
Tel.: +421 2 3300 4800  
Email: [central\\_europe@bradycorp.com](mailto:central_europe@bradycorp.com)

## Denmark

Odense  
Tel.: +45 66 14 44 00  
Email: [denmark@bradycorp.com](mailto:denmark@bradycorp.com)

## France

Roncq  
Tel.: +33 (0) 3 20 76 94 48  
Email: [france@bradycorp.com](mailto:france@bradycorp.com)

## Germany, Austria & Switzerland

Egelsbach, Germany  
Tel.: +49 (0) 6103 7598 660  
Email: [germany@bradycorp.com](mailto:germany@bradycorp.com)

## Hungary

Budaörs  
Tel.: +36 23 500 275  
Email: [central\\_europe@bradycorp.com](mailto:central_europe@bradycorp.com)

## Italy

Gorgonzola  
Tel.: +39 02 26 00 00 22  
Email: [italy@bradycorp.com](mailto:italy@bradycorp.com)

## Middle East FZE

Dubai, UAE  
Tel.: +971 4881 2524  
Email: [me@bradycorp.com](mailto:me@bradycorp.com)

## Norway

Kjeller  
Tel.: +47 70 13 40 00  
Email: [norway@bradycorp.com](mailto:norway@bradycorp.com)

## Romania

Bucharest  
Tel.: +40 21 202 3032  
Email: [central\\_europe@bradycorp.com](mailto:central_europe@bradycorp.com)

## Russia

Moscow  
Tel.: +7 495 269 47 87  
Email: [central\\_europe@bradycorp.com](mailto:central_europe@bradycorp.com)

## Spain & Portugal

Madrid, Spain  
Tel.: +34 900 902 993  
Email: [spain@bradycorp.com](mailto:spain@bradycorp.com),  
[portugal@bradycorp.com](mailto:portugal@bradycorp.com)

## Sweden, Finland, Baltic states

Kista, Sweden  
Tel.: +46 (0) 8 590 057 30  
Email: [sweden@bradyeurope.com](mailto:sweden@bradyeurope.com)

## Turkey

Istanbul  
Tel.: +90 212 264 02 20 / 264 02 21  
Email: [turkey@bradycorp.com](mailto:turkey@bradycorp.com)

## UK & Ireland

Banbury, UK  
Tel.: +44 (0) 1295 228 288  
Email: [uk@bradycorp.com](mailto:uk@bradycorp.com)



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