Per informazioni Wing Electronic S.r.l. Tel: 0687120170 email: wingelectronic@wingelectronic.com

BRADY
WHEN PERFORMANCE MATTERS MOST™

Identification Solutions for Aerospace, Defence, Mass Transit & Industrial Manufacturing

Expect Performance. Demand Brady.

www.nitropdf.com

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In the air or in the control room, the aerospace industry demands the reliability and performance of every component in the system – thousands of lives count on it every day.
Proven solutions, ready to spec. Brady's high-performance labelling materials have been rigorously lab and field tested to meet the exact requirements of the aerospace industry.

Working under the most difficult and demanding conditions imaginable, military operations around the world must rely on fail-safe technology. Brady's materials and adhesives excel in extreme environments including temperature fluctuations and environments that require abrasion resistance.
Tested to meet your demanding specs. Brady label materials are rigorously lab and field tested to ensure that they will meet the high-performance demands of the defence industry.

Every hour of every day, trains, buses, and subways work to meet the transportation demands of millions of people around the globe. In the process, wires and components are exposed to vast temperature variations, dirt, oil, and much more. Public transport systems need labelling solutions that are extremely durable, easy to apply, and easy to maintain.
Code compliant solutions, ready to order today. Brady high-performance labelling materials meet strict safety regulations, and with the majority of our products held in stock, we can ensure the goods are delivered to you with minimal lead time.

Today, the world relies on electrical and datacom systems. Sophisticated electrical, machine control and datacom systems now encompass kilometers of cables, millions of endpoints, and countless users. Datacom engineers, machine control builders/integrators, installers and maintenance professionals must know the nature and location of thousands of cables, plus faceplates, outlets, patch panels, 110 blocks, 66 blocks, fuses, and terminal blocks.
TIA 606A Standard compliant solutions, ready to order today. Brady labels, printers, and software provide an integrated, 606A-compliant solution that reduces network downtime and increases productivity.

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Why Choose Brady?

Brady Corporation is a world leader in the development and manufacture of products that identify and protect premises, products, and people. Our wide range of products provide a complete solution for all your identification needs.

Outstanding performance in extreme environments.
We are focused on delivering complete solutions, with integrated printing, software, and application technologies that work with your lean processes to save you time and money:

- **Durability** – outstanding print permanence and material strength.
- **Ease of Application** – Brady materials are designed to be easy and quick to apply, so you can achieve more less time.
- **Ready when you need it** – Our distribution and manufacturing capabilities mean that you get the products you need, when you need them.

Our commitment to performance drives every aspect of our business, from product development, through manufacturing, distribution, sales, and customer service.

When you expect performance, demand Brady.

MATERIAL	PRODUCT	NOTES		AEROSPACE	DEFENCE	MASS TRANSIT	INDUSTRIAL
Cable & Wire ID							
B-7646	Diesel resistant sleeves		RoHS			✓	
B-342	3:1 Heat Shrinkable Sleeves		RoHS	✓	✓		✓
B-7642	2:1 Heat Shrinkable Sleeves		RoHS	✓	✓	✓	✓
B-7641	2:1 Halogen Free Heat Shrinkable Sleeves	0-HAL	RoHS	✓	✓	✓	✓
B-508	Tags	0-HAL	RoHS	✓	✓	✓	
B-7643	Halogen Free Cable Markers	0-HAL	RoHS	✓	✓	✓	
B-427	Self Laminating Markers		RoHS	✓	✓	✓	✓
B-437	Self-extinguishing Labels		RoHS	✓	✓	✓	✓
Extreme Temperature Solutions							
B-999	Fluid Line Tape			✓	✓		
B-457	White Polyimide		RoHS	✓	✓	✓	✓
B-426	Amber Polyimide	0-HAL	RoHS	✓	✓		✓
B-499	Nylon Cloth	0-HAL	RoHS	✓	✓	✓	✓
General Labelling							
B-437	Self-extinguishing Labels		RoHS	✓	✓	✓	✓
B-428	Metallised Polyester	0-HAL	RoHS	✓	✓	✓	✓
B-7593	Engraved Plate Replacements		RoHS	✓	✓	✓	✓
B-423	White Polyester	0-HAL	RoHS	✓	✓	✓	✓
B-422	White Polyester with High Performance Adhesive	0-HAL	RoHS	✓	✓	✓	✓
B-430	Clear Polyester		RoHS	✓	✓	✓	✓
B-432	Clear Polyester with Increased Adhesion		RoHS	✓	✓	✓	✓
B-498	Repositionable Coated Vinyl Cloth		RoHS	✓	✓	✓	✓

Notes:
RoHS: RoHS compliant based on the exemption amendement 2005/717/EC (exempting the use of DecaBDE) to the RoHS directive 2002/95/EU, valid until 30/06/2008. For a deca free alternative, please contact your customer service or sales representative.

0-HAL: complies with the chemical requirements of IEC61249-2-21

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How to Choose Your Brady Solution

Brady offers many different solutions that identify products in the aerospace, defence, mass transit and industrial markets. You can select the Brady products that best fit your particular needs. In most cases, your choices will be based upon several parameters. Examples might include, but not be limited to, the type of printable solution, the need for a link to exchange data with a CAD system, or specific requirements such as insulating or chemical resistance properties. The following pages provide information on how to review and select the products available and the explanations supplied are condensed into the most relevant details of the solution. However please be aware that further in-depth technical data is available upon request from Brady.

Brady materials have been developed in a variety of standard sizes determined by the most common sized labels required by our customers. However please note that custom sizes are always available upon request.

Cable & Wire ID

B-7646 Diesel Resistant Sleeves are used where identification needs to have exposure to organic fluids, common fuels, lubricants and solvents for lengthy periods and at high temperatures.
Temperature range: -55°C to 135°C

B-7641 and B-7642 Heatex™ 2:1 Heat Shrinkable Wire Marking Sleeves are high-temperature rated, flame retardant, and very flexible. RoHS compliant 2:1 heat shrinkable wire marking sleeves are also available in a zero halogen option, offering fire safety properties and minimal smoke emission.
Temperature range: -55°C to 135°C (Standard)
-40°C to 105°C (Zero Halogen)

B-7643 Heatex™ Zero Halogen Cable Markers are a flame retardant polyurethane material suitable for both thermal transfer and dot matrix printing. The markers are tough, imperishable and have a very high degree of mark permanence in almost any environment. Products are supplied on rolls for easy storage, fast printing and quick application. Markers are mounted on the wire with two cable ties.
Temperature range: -40°C to 90°C

B-342 Permasleeve™ 3:1 heat shrinkable wire marking sleeves fit snugly around wires for protection and permanent identification. Sleeves are fade resistant, smudge proof, full-circle insulating.
Temperature range: -55°C to 135°C

B-437 Tedlar® Labels consist of polyvinylfluoride film with a permanent acrylic adhesive and are designed for cable and wire bundle identification, aerospace and military cable marking and applications where self-extinguishing properties are required.
Temperature range: -65°C to 135°C

B-508 Nomex® Tag Material is a thermal transfer printable wire bundle and cable identification tag designed for use in harsh environments. It is very lightweight and offers excellent tear, solvent, and heat resistance.
Temperature range: -70°C to 130°C

B-427 Self-Laminating Vinyl Labels are designed for thermal transfer printers and utilize a clear “tail” that wraps around the label to protect the text from fading and abrasion.
Temperature range: -70°C to 70°C

Extreme Temperature Solutions

B-999 Fluid Line Tape is designed exclusively for aircraft tubing identification. It is subsurface printed, flexible, transparent polyester film tape with a heat activated adhesive, printable with dot matrix or thermal transfer printers.
Temperature range: -65°C to 160°C

B-457 White Polyimide Labels is produced from a polyimide film with a permanent acrylic adhesive. Used extensively in printed circuit board and component identification or for identification for composite materials in the Aerospace industry. This high performance label material withstands extreme industrial environments and offers the ability to identify products at the earliest stage of your process.This material is also available with 'Clean Liner Technology' for automated labelling applications, offering zero liner overcut and zero adhesive oozing, the two most critical elements of automated label applications.
Temperature range: -70°C to 350°C

B-426 Amber Polyimide is produced from a polyimide film with a permanent acrylic adhesive. Used extensively in printed circuit board and component identification, particularly in defence specified electronic applications, or for identification for composite materials in the Aerospace industry. This high performance label material withstands extreme industrial environments and offers the ability to identify products at the earliest stage of your process.
Temperature range: -70°C to 350°C

B-499 Nylon Cloth Labels for thermal transfer printers provide high temperature performance. Good all round performance on various applications such as panel identification and wire and cable marking. Will conform to curved surfaces.
Temperature: -70°C – 90°C

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General Labelling

B-437 Tedlar® Labels consist of polyvinylfluoride film with a permanent acrylic adhesive and are designed for cable and wire bundle identification, aerospace and military cable marking and applications where self-extinguishing properties are required.
Temperature range: -65°C to 135°C

B-428 Metallised Polyester Material is a thermal transfer printable label product designed for applications that require nameplate quality when printing barcodes, alphanumerics, graphic symbols and logos. B-428 labels will withstand exposure to numerous solvents and variable temperatures, making them ideal for use on rating and serial plates and other heavy-duty applications.
Temperature range: -40°C to 110°C

B-7593 EPREP – Engraved Plate Replacement labels provide a solution that will put an end to the hassle of buying engraved plates. EPREP innovative labels are designed for identification applications that require nameplate quality, specifically designed to replace engraved and plotted plates for the identification of electrical components, electrical cabinets, push button, patch panels, etc.
Temperature range: -40°C to 100°C

B-423 Labels with a permanent acrylic adhesive are ideal for the marking of component identification; barcode labelling and rating plates.
Temperature range: -70°C to 110°C

B-422 Labels are a thermal transfer printable glossy white polyester material that will withstand exposure to numerous solvents, and offers good adhesion to many surfaces, including low surface-energy plastics.
Temperature range: -40°C to 100°C

B-430 Labels are a thermal transfer printable glossy clear polyester material with a white finish and a permanent acrylic adhesive. B-430 is designed for creating rating and serial labels featuring alphanumerics, barcodes, graphic symbols and logos that require nameplate quality.
Temperature range: -70°C to 100°C

B-432 Labels made from gloss clear thermal transfer printable film with permanent acrylic-based adhesive are designed for rough surfaces and applications where increased adhesion is required. 2 mil adhesive is recommended for application on textured surfaces.
Temperature range: -40°C to 100°C

B-498 Repositionable Vinyl 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 at the wire termination point.
Temperature range: -40°C to 80°C

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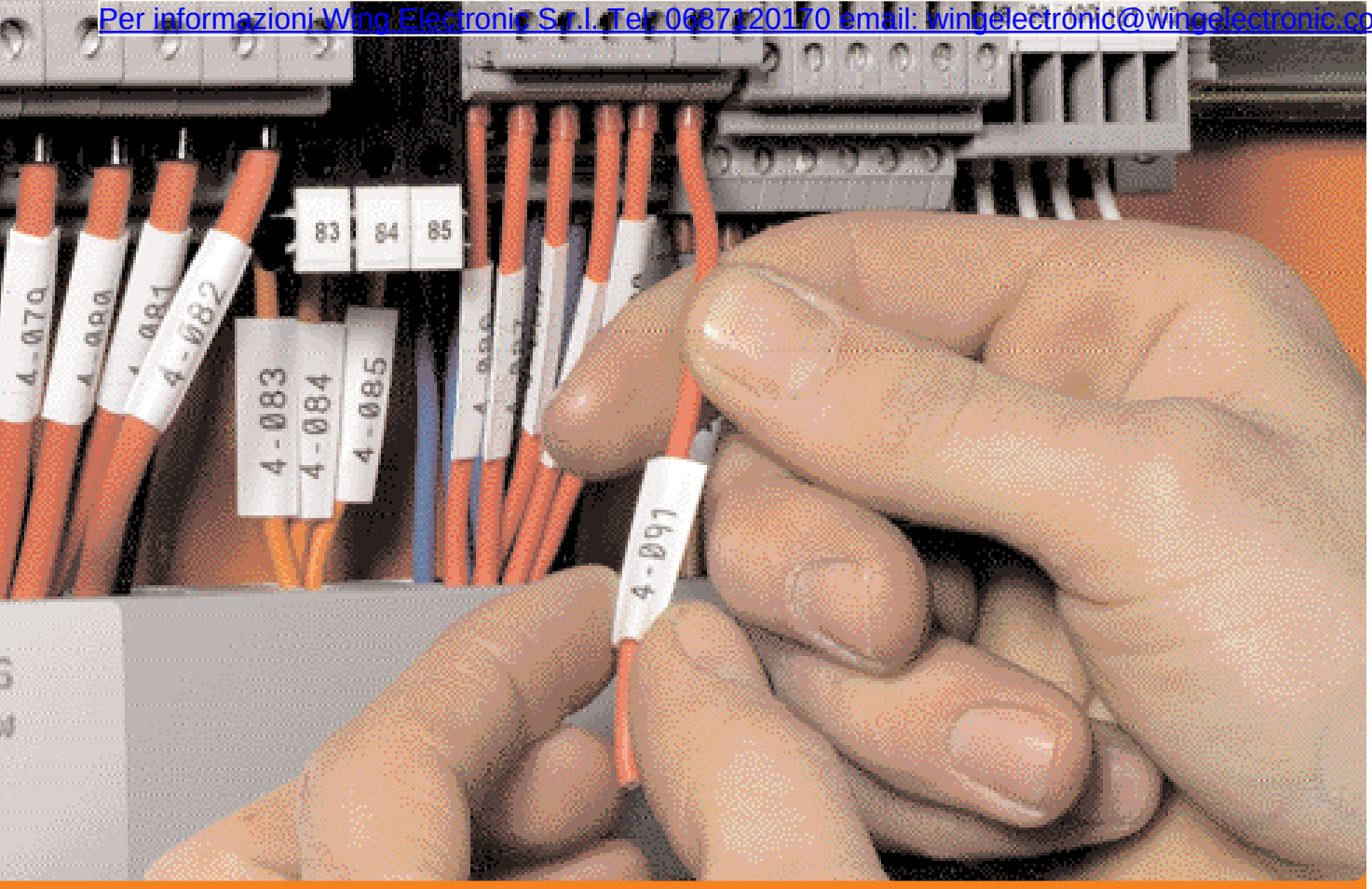
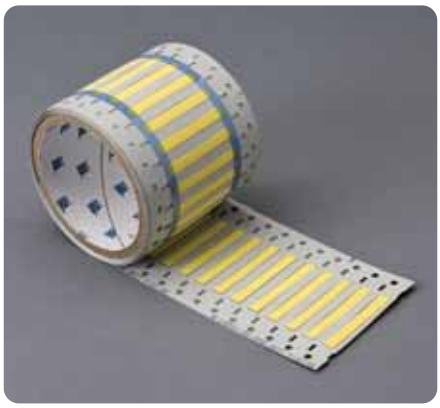


Cable & Wire ID

B-7646 Diesel Resistant Sleeves

Brady's B-7646 is a yellow, 3:1 ratio, thermal transfer printable, heat shrinkable marker sleeve, presented in a double-sided, Permasleeve™ format. Developed to identify wire and cable in applications that have exposure to organic fluids, common fuels, lubricants and solvents for lengthy periods and at high temperatures, Formulated for use in rail, aerospace and construction equipment.



The 3:1 B-7646 diesel resistant sleeves meet the material and physical property requirements (see below), when printed with the R-6600 series thermal transfer ribbon.

B-7646 Material meets these specifications:

- SAE AS-81531
- MIL-STD-202 method 215K
- NF F 00-608 type A and H

CATALOGUE NUMBER	QUANTITY PER ROLL	MIN-MAX WIRE DIAM. (MM)	MARKER WIDTH (MM)	MARKER HEIGHT (MM)
3:1DPS-3,2x50-B7646-YL	2 500	1.2 – 3.2	50	6.00
3:1DPS-4,8x50-B7646-YL	2 500	1.5 – 4.8	50	9.00
3:1DPS-6,4x50-B7646-YL	2 500	1.8 – 6.4	50	11.00
3:1DPS-9,5x50-B7646-YL	1 000	3.0 – 9.5	50	15.50
3:1DPS-12x50-B7646-YL	500	3.8 – 12.7	50	21.00

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B-7641 and B-7642 Heatex™ – Heat Shrinkable Sleeves 2:1

Heatex™ Wire marking sleeves are designed for commercial use to provide high quality labelling in a variety of applications. They can be used when a low shrink temperature is required. They are supplied roll form in a flattened format on a carrier designed for use with computer driven printers. B7641 Sleeves contain no added halogens, and therefore offer excellent fire safety characteristics combined with minimal smoke emission. Both Sleeves are avilable in yellow and white.

Recommended ribbons are R-6000 and R-6600.

B-7642 Material meets these specifications:

- SAE-AMS-DTL-23053/5 Class 1
- SAE-AS-81531
- MIL-STD-202
- RoHS compliant

Single Sided Wire Markers				
CATALOGUE NUMBER		PIECES PER ROLL	WIRE DIAMETER MIN. – MAX. (MM)	HEIGHT (MM)
B-7642 HALOGEN	B-7641 ZERO HALOGEN			
HS-2.4Xspecs.	ZHS-2.4Xspecs.	4 000	1.20 – 2.40	3.77
HS-3.2Xspecs.	ZHS-3.2Xspecs.	4 000	1.60 – 3.20	6.00
HS-4.8Xspecs.	ZHS-4.8Xspecs.	4 000	2.40 – 4.80	8.50
HS-6.4Xspecs.	ZHS-6.4Xspecs.	4 000	3.20 – 6.40	11.00
HS-9.5Xspecs.	ZHS-9.5Xspecs.	1 000	4.75 – 9.50	15.50
HS-12.7Xspecs.	ZHS-12.7Xspecs.	2 000	6.35 – 12.70	21.00
HS-19.0Xspecs.	ZHS-19.0Xspecs.	2 000	9.50 –19.00	32.00
HS-25.4Xspecs.	ZHS-25.4Xspecs.	1 200	12.70 – 25.40	41.00
HS-38.1Xspecs.	ZHS-38.1Xspecs.	100	19.05 – 38.10	64.00
HS-50.8Xspecs.	ZHS-50.8Xspecs.	100	25.40 – 50.80	82.00

B-7641 Material meets these specifications:

- SAE-AS-81531
- MIL-STD-202

Double Sided Roll Format				
CATALOGUE NUMBER		PIECES PER ROLL	WIRE DIAMETER MIN. – MAX. (MM)	HEIGHT (MM)
B-7642 HALOGEN	B-7641 ZERO HALOGEN			
HSDS-2.4Xspecs.	ZHSDS-2.4Xspecs.	2 000	1.20 – 2.40	3.77
HSDS-3.2Xspecs.	ZHSDS-3.2Xspecs.	2 000	1.60 – 3.20	6.00
HSDS-4.8Xspecs.	ZHSDS-4.8Xspecs.	2 000	2.40 – 4.80	8.50
HSDS-6.4Xspecs.	ZHSDS-6.4Xspecs.	2 000	3.20 – 6.40	11.00
HSDS-9.5Xspecs.	ZHSDS-9.5Xspecs.	1 000	4.75 – 9.50	15.50
HSDS-12.7Xspecs.	ZHSDS-12.7Xspecs.	1 000	6.35 – 12.70	21.00
HSDS-19.0Xspecs.	ZHSDS-19.0Xspecs.	1 000	9.50 –19.00	32.00
HSDS-25.4Xspecs.	ZHSDS-25.4Xspecs.	300	12.70 – 25.40	41.00
HSDS-38.1Xspecs.	ZHSDS-38.1Xspecs.	100	19.05 – 38.10	64.00
HSDS-50.8Xspecs.	ZHSDS-50.8Xspecs.	100	25.40 – 50.80	82.00

Notes: For full specification details please see our website, www.bradyeurope.com

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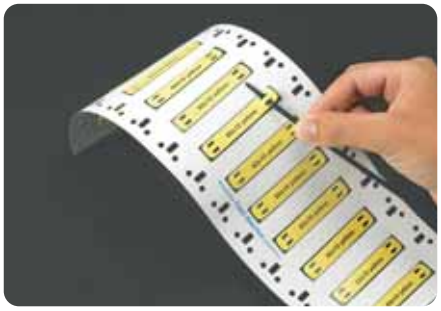
B-7643 Heatex™ Zero Halogen Cable Markers

The Heatex cable markers are made of a Thermoplastic Polyether-Polyurethane (PUR), zero halogen material, suitable for both thermal and dot matrix printing. The liner that the labels are supplied on can also be printed to provide mounting instructions. The markers are tough, imperishable and have a very high degree of print permanence to withstand almost any environment. Recommended ribbons are R-6000 and R-6600.



B-7643 Material meets these specifications:

- MIL-STD-202G
- SAE-AS-81531

CATALOGUE NUMBER	PIECES PER ROLL	WIDTH X HEIGHT (MM)
HCM-60x10-B7643-Colour	1 000	60.00 x 10.00
HCM-75x10-B7643-Colour	1 000	75.00 x 10.00
HCM-75x15-B7643-Colour	1 000	75.00 x 15.00
HCM-75x25-B7643-Colour	500	75.00 x 25.00

Notes:
Standard colours for markers available: Yellow (YL), White (WT), Red (RD), Black (BK), Orange (OR).

B-342 Permasleeve™ 3:1 Double Sided Printable Wire Marking Sleeves

Brady's PermaSleeve™ heat shrinkable sleeves fit snugly around wires for full-circle insulation protection and permanent identification. These fade resistant, smudge proof sleeves can be used on with Brady's Sleeve & Datab™ Printers, as well as Thermal Transfer printers.

The Brady R-4300 Series black Ribbon is recommended when using a thermal transfer printer, although when printing black Permasleeves the Brady R-4502S silver ribbon is recommended. The Brady R-5000 Series high performance ribbon is recommended for dot matrix printers.

Colours available: White, Black, Yellow, Red, Blue, Orange, Green, Grey, Violet, Pink, Brown

B-342 Material meets these specifications:

- SAE-AS-DTL-23053/5 Class 1
- SAE-AS-81531
- MIL-STD-202
- RoHS compliant

CATALOGUE NUMBER	SLEEVES PER BOX	MIN-MAX WIRE DIAM. (MM)	MARKER WIDTH (MM)	MARKER HEIGHT (MM)
3PS-094-2-colour	2 500	0.58 – 2.03	50.80	4.60
3PS-125-2-colour	2 500	1.17 – 2.79	50.80	6.00
3PS-187-2-colour	2 500	1.57 – 3.81	50.80	8.50
3PS-250-2-colour	2 500	2.39 – 5.46	50.80	11.15
3PS-375-2-colour	1 000	3.18 – 8.13	50.80	16.40
3PS-500-2-colour	500	4.75 – 11.43	50.80	21.60

B-437 Self-extinguishing THT Printable Labels

B-437 is recommended for cable and wire bundle identification and label applications where self-extinguishing properties are required. It has a specially designed topcoat which allows the material to be printed by thermal transfer. This material has been judged to be self-extinguishing through laboratory testing, and exhibits good solvent and heat resistance.
Brady R-4300 and Brady R-6200 black thermal transfer ribbons are recommended for optimal print performance.

CATALOGUE NUMBER	LABELS PER ROLL	WIDTH (MM) A	HEIGHT (MM) B
THT-5-437W-10	10 000	25.40	12.70
THT-5-437YL-10	10 000	25.40	12.70
THT-21-437-W	–	76.20	continuous (90 m)
THT-21-437-YL	–	76.20	continuous (90 m)

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B-508 Nomex® Cable and Harness Marking

B-508 Nomex® tag material is a wire bundle and cable identification tag designed for use in harsh environments. It is very lightweight and offers excellent tear, solvent, and heat resistance.

B-508 is currently available in white, yellow and green. The green has been designed to conform with the ANSI/TIA/EIA- 606 standard (Administration Standard for the Telecommunications Infrastructure of Commercial Buildings). This product is printable using both dot matrix thermal transfer printers.

The recommended ribbons for this product are:

Dot Matrix: Brady Series R2000, Brady Series R5000

Thermal Transfer: Brady Series R4300 (R-7950)

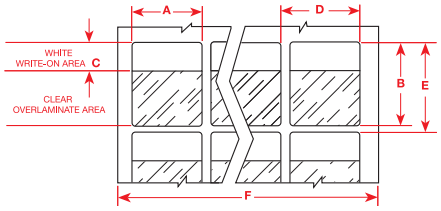
B-508 Material meets these specifications:

- SAE-AS-81531
- ASTM E162
- ASTM E662

CATALOGUE NUMBER	WIDTH (MM)	LENGTH (MM)	PIECES PER ROLL
HSNX-400-2-WT	10.16	50.80	2 500
HSNX-800-2-WT	20.32	50.80	2 500
HSNX-400-2-YL	10.16	50.80	2 500
HSNX-800-2-YL	20.32	50.80	2 500
HSNX-400-2-GR	10.16	50.80	2 500
HSNX-800-2-GR	20.32	50.80	2 500

B-427 Self-Laminating Vinyl Labels

Self-laminating vinyl labels are designed for thermal transfer printers and utilize a clear "tail" that wraps around the label to protect the text from fading and abrasion. Recommended ribbon is R-4300 (R-7950).



B-427 Material meets these specifications:

- UL recognised
- RoHS compliant

CATALOGUE NUMBER	PIECES PER PACKAGE	COLOUR	LABEL WIDTH (MM) A	LABEL HEIGHT (MM) B	WRITE-ON HEIGHT (MM) C
THT-80-427-5	5 000	White	12.70	19.05	9.53
THT-8-427-10	10 000	White	12.70	36.50	12.70
THT-73-427-10	10 000	White	19.05	44.45	12.70
THT-9-427-10	10 000	White	25.40	36.50	12.70
THT-75-427-3	3 000	White	25.40	57.15	19.05
THT-10-427-3	3 000	White	25.40	95.25	25.40
THT-81-427-1	1 000	White	25.40	152.40	38.10
THT-118-427-5	5 000	White	38.10	25.40	9.53
THT-119-427-2.5	2 500	White	38.10	38.10	12.70
THT-27-427-1	1 000	White	50.80	95.25	25.40
THT-82-427-5	5 000	White	50.80	152.40	38.10
THT-83-427-5	5 000	White	50.80	177.80	38.10
THT-26-427-1	1 000	White	63.50	57.15	19.05

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Extreme Solutions

B-999 Fluid Line Tape

B-999 Fluid Line Tape is designed exclusively for aircraft tubing identification. It is a subsurface printed, flexible, transparent polyester film tape with a heat activated adhesive that is printable with dot matrix or thermal transfer printers. Available in continuous tape or die cut formats. The adhesive not only offers superior resistance to fuels, oils, and hydraulic fluids, it also has a low initial adhesion allowing the tape to be easily repositioned when first applied.

B-999 Material meets these specifications:

- Colours target MIL-STD-1247C
- Materials performance meets MIL-T-9906C

Some of the more common colour codes of fluid line tape include:

COLOUR	DESCRIPTION
BROWN	FIRE PROTECTION
RED	FUEL
ORANGE	COMPRESSED GAS
YELLOW	LUBRICATION
GREEN	BREATHING OXYGEN
BLUE	COOLANT
GRAY	DE-ICING
BROWN/ORANGE	ELECTRICAL CONDUIT
BROWN/GRAY	AIR CONDITIONING
ORANGE/GREEN	INERTING FLUID
ORANGE/BLUE	PNEUMATIC AIR
ORANGE/GRAY	INSTRUMENT AIR
BLUE/YELLOW	HYDRAULIC

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B-499 Nylon Cloth

This material consisting of polyamide coated nylon cloth with permanent acrylic adhesive is recommended for wire marking and general labelling applications. Brady B-499 meets requirements of a halogen-free material per DIN VDE 0472 part 815.

B-499 Material meets these specifications:

- UL Recognised
- RoHS compliant
- CSA accepted

The recommended thermal transfer ribbons for this product are:
Brady Series R4300, Brady Series R4900, Brady Series R6000,
Brady Series R6200 and Brady Series R4500 coloured (red, blue and green)

CATALOGUE NUMBER	SIZE (MM)
THT-68-499	12.70 x 19.05
THT-69-499	20.32 x 36.50

B-457 White Polyimide Labels

Brady's B-457 white polyimide label material is probably the most commonly used material for both printed circuit board identification and composite identification in the world. Due to B-457's ability to withstand extreme temperatures and pressure found in the above applications, it offers users full traceability of their products from the very beginning of their process.
The recommended thermal transfer ribbons is Brady Series R-6000.

B-457 Material meets these specifications:

- UL Recognised
- RoHS compliant

CATALOGUE NUMBER	PIECES PER ROLL	WIDTH (MM)	HEIGHT (MM)
THT-1-457-10	10 000	19.05	6.35
THT-4-457-10	10 000	38.10	6.35
THT-11-457-10	10 000	6.35	6.35
THT-38-457-10	10 000	9.53	9.53
THT-42-457-10	10 000	25.40	4.75
THT-47-457-10	10 000	16.51	5.08
THT-48-457-10	10 000	50.80	6.35
THT-58-457-10	10 000	25.40	9.53
THT-71-457-20	20 000	8.00	8.00

B-426 Amber Polyimide Labels

This amber polyimide material has been a mainstay in printed circuit board and electronic component identification for many years. Due to it's superior performance in high temperature applications, B-426 is the preferred PCB identification material for many defence projects. More recently, it has been commonly used for identification of composite materials, withstanding the high temperatures and pressures involved in this process. Recommended RIbbon: R-4300

B-426 Material meets these specifications:

- UL recognised
- RoHS compliant

CATALOGUE NUMBER	PIECES PER ROLL	WIDTH (MM)	HEIGHT (MM)
THT-1-426-10	10 000	19.05	6.35
THT-3-426-10	10 000	25.40	9.53
THT-5-426-10	10 000	25.40	12.70
THT-11-426-10	10 000	6.35	6.35
THT-14-426-10	10 000	16.51	5.08
THT-38-426-10	10 000	9.53	9.53
THT-45-426-10	10 000	38.10	6.35
THT-46-426-10	10 000	19.05	6.35

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General Labelling

B-498 Repositionable Vinyl

B-498 Repositionable Vinyl 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 still allowing for clean removal and repositioning of the label.

Recommended ribbons are Brady series R-6200 (Brady Series R-4300 and R-6000 ribbons also acceptable)

B-498 Material meets these specifications:

- UL recognised
- RoHS compliant

CATALOGUE NUMBER	PIECES PER PACKAGE	LABEL WIDTH (MM) A	LABEL HEIGHT (MM) B
THT-90-498-5	5 000	6.35	36.50
THT-68-498-10	10 000	12.70	19.05
THT-87-498-10	10 000	12.70	36.50
THT-14-498-10	10 000	16.51	5.08
THT-91-498-5	5 000	19.05	23.80
THT-95-498-5	5 000	20.32	36.50
THT-5-498-10	10 000	25.40	12.70
THT-88-498-5	5 000	25.40	19.05
THT-89-498-5	5 000	25.40	36.50
THT-165-495-5	5 000	20.32	36.50

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B-7593 – EPREP – Engraved Plate Replacement

Brady B-7593 is a glossy thermal transfer printable polyester tag based on a double sided adhesive tape with a compressible foam carrier and a permanent acrylic adhesive. This 650 micrometer thick material has good resistance against scratching, smearing and abrasion, whilst its high tack adhesive is suitable for uneven surfaces. On top of that, EPREP material shows good resistance against alcohols, diesel oil, UV and weathering.

Colours available: white, black, silver, yellow, red and green

Recommended ribbons are R-6000, R-4900 and R-7962.

B-7593 Material meets these specifications:

- RoHS compliant

CATALOGUE NUMBER	PIECES PER PACKAGE	WIDTH (MM)	HEIGHT (MM)
THTEP-20-7593-WT	2 800	8.00	125.00
THTEP-01-7593-WT	2 500	27.00	8.00
THTEP-01-7593-SV	2 500	27.00	8.00
THTEP-01-7593-BK	2 000	27.00	8.00
THTEP-02-7593-WT	2 500	27.00	12.50
THTEP-02-7593-SV	2 000	27.00	12.50
THTEP-02-7593-BK	1 500	27.00	12.50
THTEP-03-7593-WT	1 500	27.00	15.00
THTEP-03-7593-SV	1 500	27.00	15.00
THTEP-03-7593-BK	1 500	27.00	15.00
THTEP-04-7593-WT	1 500	27.00	18.00
THTEP-04-7593-SV	1 500	27.00	18.00
THTEP-04-7593-BK	1 500	27.00	18.00
THTEP-07-7593-WT	1 250	35.00	18.00
THTEP-07-7593-SV	1 250	35.00	18.00
THTEP-07-7593-BK	1 250	35.00	18.00
THTEP-07-7593-YL	1 250	35.00	18.00
THTEP-06-7593-WT	1 500	45.00	15.00
THTEP-06-7593-SV	1 500	45.00	15.00
THTEP-06-7593-BK	1 500	45.00	15.00

CATALOGUE NUMBER	PIECES PER PACKAGE	WIDTH (MM) A	HEIGHT (MM) B
THTEP-08-7593-WT	1 250	48.00	19.00
THTEP-08-7593-SV	1 250	48.00	19.00
THTEP-08-7593-BK	1 250	48.00	19.00
THTEP-08-7593-YL	1 250	48.00	19.00
THTEP-09-7593-WT	1 200	69.00	19.00
THTEP-09-7593-SV	1 200	69.00	19.00
THTEP-09-7593-BK	1 200	69.00	19.00
THTEP-09-7593-YL	1 200	69.00	19.00
THTEP-17-7593-SV	400	69.00	150.00
THTEP-17-7593-WT	400	69.00	150.00
THTEP-11-7593-WT	500	100.00	30.00
THTEP-11-7593-SV	500	100.00	30.00
THTEP-11-7593-BK	500	100.00	30.00
THTEP-11-7593-YL	500	100.00	30.00
THTEP-12-7593-WT	500	100.00	50.00
THTEP-12-7593-SV	500	100.00	50.00
THTEP-12-7593-BK	500	100.00	50.00
THTEP-12-7593-YL	500	100.00	50.00

two letters at the end of Order Reference
***WT** – white, **BK** – black, **SV** – silver, **YL** – yellow, **RD** – red, **GN** – green*

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Permashield™ Labels (B-423/B-966 and B-428/B-966)

Brady's durable PermaShield™ labels are protected by a clear overlaminate film, so they remain clear and easy-to-read, even in harsh environments. Application of these labels is very easy. Simply print the label, then put the label in place and cover with the clear polyester (B-966B) overlaminate. Suitable for applications like component identification, barcode labelling and rating plates. Recommended ribbons are Brady series R-6000, Brady series R-4400 (colors - red, blue, green, white)

B-423/B-966 and B-428/B-966 Material meets these specifications:

- Halogen free per DIN VDE 0472 Part 815 requirements
- RoHS compliant

CATALOGUE NUMBER	PIECES PER ROLL	WIDTH (MM)	HEIGHT (MM)
THT-22-423-2	2 000	31.75	19.05
THT-22-428-2	2 000	31.75	19.05
THT-23-423-2	2 000	50.80	25.40
THT-23-428-2	2 000	50.80	25.40

B-428 Metallised Polyester

Designed for applications, like rating and serial plates, that utilize barcodes, alphanumerics, graphic symbols and logos and require nameplate quality. B-428 is designed to withstand numerous solvents and variable temperatures when applied to various surfaces. Recommended ribbon is Brady Series R-4300 with R-6200 as an alternative.

B-428 Material meets these specifications:

- Halogen free per DIN VDE 0472 Part 815 requirements
- UL recognised and CSA accepted
- RoHS compliant

CATALOGUE NUMBER	PIECES PER ROLL	WIDTH (MM)	HEIGHT (MM)
THT-5-428-10	10 000	25.40	12.70
THT-55-428-1	1 000	101.60	50.80
THT-6-428-10	10 000	38.10	19.05
THT-7-428-3	3 000	69.85	31.75
THT-17-428-3	3 000	50.80	25.40
THT-18-428-3	3 000	76.20	25.40
THT-19-428-1	1 000	76.20	50.80
THT-22-428-2	2 000	31.75	19.05

B-422 Permanent Polyester

A thermal transfer printable glossy white polyester material that will withstand exposure to numerous solvents, and offers good adhesion to many surfaces, including low surface-energy plastics.
Recommended ribbons are Brady series R-6000, Brady series R-4400 (colors - red, blue, green, white), Brady series R-4900 (alternate)

B-422 Material meets these specifications:

- UL recognised
- RoHS compliant
- CSA accepted

CATALOGUE NUMBER	PIECES PER ROLL	WIDTH (MM)	HEIGHT (MM)
THT-17-422-3	3 000	50.80	25.40
THT-7-422-3	3 000	69.85	31.75
THT-18-422-3	3 000	76.20	25.40
THT-19-422-1	1 000	76.20	50.80
THT-76-422-1	1 000	101.60	76.20

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B-430 BradyBondz™ Labels

Suitable for applications like rating and serial plates using alphanumerics, barcodes, graphic symbols and logos that require name plate quality.

Recommended ribbons:
Brady series R-6000, R-4400 (colors – red, blue, green, white) with R-4900 and R-6200 as alternatives

B-430 Material meets these specifications:
- UL recognised and CSA accepted
- RoHS compliant

CATALOGUE NUMBER	PIECES PER ROLL	WIDTH (MM)	HEIGHT (MM)
THT-17-430-3	3 000	50.80	25.40
THT-18-430-3	3 000	76.20	25.40
THT-19-430-1	1 000	76.20	50.80
THT-39-430-10	10 000	25.40	12.70

B-432 Rough Surface Polyester Labels

B-432 thermal transfer printable labels are designed to withstand exposure to numerous solvents and exhibit good adhesion to many metals and applications surfaces, including textured surfaces and low surface energy plastics. It is perfectly suited for rating and serial plate applications using alphanumerics, barcodes, graphic symbols and logos that require name plate quality. Recommended ribbons are Brady series R-6000 and R-4400 (colours - red, blue, green, white) with R-4900 as an alternative.

B-432 Material meets these specifications:
- UL recognised and CSA accepted
- RoHS compliant

CATALOGUE NUMBER	PIECES PER ROLL	WIDTH (MM)	HEIGHT (MM)
THT-19-432-1	1 000	76.20	50.80

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Brady Specialist Solutions

In addition to the thousands of stock labels, Brady also offer custom labels designed to meet your specific needs. Whatever material, dimensions, colour or quantity you require, we can provide a solution to meet your exact specifications.

Label Capabilities

- Die cut labels – offering custom shapes whatever your requirement
- Label sets – offering labels of different size and material on one liner for easy application
- Specific colour matching – allowing easy incorporation of company colours and logos
- Choice of end format – labels provided in the format that best assists your needs, for example: roll form, fan folded, sheet or single pieces.

Face & Nameplate products

Corporate branding has a huge visual impact on the customer's perception of a product, so it makes sense to get it right. From precision electroform nameplates to unique 3D domed labels, Brady has a range of labelling products available for this application.

Polycarbonate Overlays

Brady offers subsurface printed overlays that can be manufactured with custom product information, cut-outs for LEDs, tinted windows for special light displays, or clear windows for transparent displays.

Aluminium Labels

Aluminium Labels are being produced by traditional process with specially developed finishes / surface treatments to differentiate customer's products. Enhancements include embossing, etching, diamond cutting and a deep lacquer coating.

3D domed labels

These labels have a distinctive, tactile quality, which draws the eye and communicates your brand with style. They are suitable for use in internal and external environments and are available with a wide range of features, adhesives and finishes.

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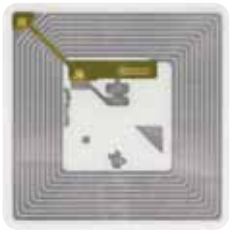
UID & other Barcode labelling System

Brady's UID solutions, including thermal transfer printers, software and barcode scanners, have been designed to meet all your UID labelling needs. The system allows users to create and print labels for UID compliance, read and validate UII constructs on labels, and verify and grade UID labels.

The 2-D Data Matrix is marked on items according to MIL-STD-130N. The UII is then stored in the IUID Registry.

Brady offers System packages (Ultimate, Advance and Standard), with everything you need for UID compliance.

RFID



In tough applications where off-the-shelf tags won't do, Brady's industry-leading labelling technology and expertise ensure successful deployment of your RFID application. Decades of specialised materials and adhesives research stand behind every Brady RFID label. Global operations and manufacturing facilities on all continents give our customers a great combination of cost effectiveness and optimised logistics.

Brady RFID Products withstand the following extreme conditions:

- High temperature
- Shock and vibration
- Fluids
- Poor adhesion
- Grease, Grime, Dust
- Ultra-violet light
- Metallic surfaces

Brady's tamper indicating labelling

Brady offers a range of standard and custom engineered options that help avoid unnecessary expenses related to warranty fraud, product tampering, alteration, misuse or asset theft.

Warranty Fraud Prevention Solutions

indicating exposure to water, preventing of fraudulent warranty repair/replacement claims, chipping apart when removal is attempted, being difficult to remove, providing destructible identification

Tamper Indicating ID Solutions

protecting adjustments labels, Package seals, Cargo inspection labeling, Liability control solutions

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Portable printers

Brady offers a complete line of portable printing systems that help you get the job done fast and efficiently. These systems are perfect for lower and medium volume printing applications (up to 500 labels a day). They provide capabilities such as thermal transfer printing, bar coding, bar codes label storage, PC connectivity and multiple material configurations.

Benchtop printers

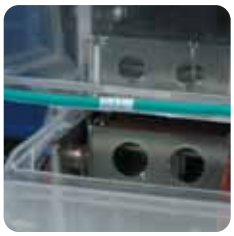
Brady benchtop/desktop printers offer a full range of capabilities and options to provide high quality, cost-effective printing on a complete line of labelling materials.

Printer applicators

Brady's printer applicators offer an automated solution to applying print-on-demand labels to circuit boards, wire and cable and a variety of other products.

Brady PAM3600

- Brady peel plate High-accuracy system with integrated scanner
- Wide Print&Apply label range (3.5 to 200 mm high, and 5 to 116 mm width)
- Rotation 0° and 90° and No air blows to maintain label
- Zero-Queue printing and Designed to use high performance labels
- Easy to integrate



Brady Wraptor™

- Prints and applies labels to a wire in 5 seconds or less
- Eliminates the need to print labels in advance with Zero-Queue printing
- Uses the industry-standard Brady high performance, self-laminating vinyl and nylon cloth materials
- Provides a tight wrap with minimal spiraling, bubbling or wrinkling
- Runs wires from .060" dia to .600" dia without adjustments or unique tooling
- Prints high quality bar codes, logos and diagrams with the 300 dpi print head

Software

Brady's selection of powerful, flexible label & sign generation software offers a choice of features, print technologies and operating systems to meet today's growing identification needs.

Software categories

- Barcode labelling software
- Laboratory identification & tracking software
- Safety & facility identification software
- Wire & cable identification software

Scanners

Brady offers a complete solution for data collection and tracking products. From bar code scanners to tracking software, Brady has what you need to stay on top of your inventory, facility and more.

Brady offers bar code scanners that can meet the needs of a variety of tracking applications including basic data entry, electronics, lab, shipping & receiving, UID initiatives, WIP and more. From cabled scanners to wireless, Brady has the right scanning solution for your application.

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Other products available from Brady

Brady products play a key role in helping customers create and maintain safer work environments and comply with regulatory standards.

Safety Signs

Brady offers a complete range of safety signage products, which are of high quality, and all conform to existing legislation.

Lockout/Tagout

A way to prevent machinery or equipment being started unexpectedly. Brady offers you a complete programme of lockout devices for equipment and fittings, valves, energy sources etc. to be applied during repair and maintenance work.

Pipe Marking

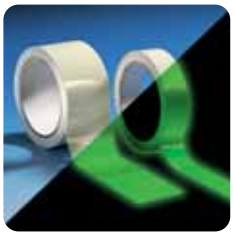
Our standard range covers the most frequently used industrial substances. In the unlikely event that your particular needs do not appear in our range, Brady will customise markers to your personal requirements.

Logistic Labelling

Brady offers a wide range of identification solutions including bin and section location labels, numbered panels, numbers and letters and write-on labels.

Area Marking

Brady offers a complete range of marking methods to ensure that floor areas, steps, railings and other relevant areas can be identified as danger zones.



Equipment Status Management Systems

This unique system of Equipment status management clearly communicates status of scaffholding, laddders, chemicals, forklifts and other accessories in production. Simple but effective solution for maintaining a safe workplace and at the same time provides an equipment history record.

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