

3" Core Materials - Wire and Cable Labels

Wire and Cable Materials

Cable and wire labeling is critical in the identification, assembly and repair of electrical control panels, wire harnesses and data/telecommunications systems. It is an upfront cost that saves time and labor expenses when changes or repairs need to occur to the systems you work on. Brady wire and cable ID solutions include a wide range of materials and styles suitable for many different environments or applications.

Common Label Types



Self-Laminating Labels
Ideal for terminated cables or wires that may need additional abrasion or chemical resistance.



Wrap-Around Labels
Ideal for general marking of terminated or unterminated cables and wires that may be curved or become curved.



Cable Flags
Ideal for getting larger amounts of data on small diameter wire and cables such as fiber optic cables.



Non-Adhesive Tags
Ideal for multi-conductor cables or bundled wires/cables.



Heat-Shrink Tubing
Ideal for un-terminated wires or cables needing superior abrasion and chemical resistance. (See page 196)

Printer Compatibility

The following pages contain 3" core label rolls that are designed for use in these printers unless otherwise noted.



NEW BradyPrinter i5100 and legacy IP™ Printer



NEW BradyPrinter i7100 and legacy PR PLUS printer

How to Read a THT Catalog Number

Many Brady label parts follow a naming convention that includes specific information about the label. The following example shows how it can be broken down:

THT – 59 – 498 – 10

Technology:
Thermal Transfer

Die Size:
#5 die
1" x 0.5"

Material:
B-498
Vinyl

Quantity:
Multiply by 1,000
10 x 1,000 = 10,000

Type	Material	Print Technology	Color	Finish	Adhesive	Thickness	UL	CSA	RoHS	Applications
Self-Laminating	B-427	Thermal Transfer	White / Clear	Matte	Permanent	4.0 mils	X		X	Self-laminating wrap for wire and cable identification. Self-extinguishing with excellent water and oil resistance.
Wrap-Around	B-498	Thermal Transfer	White	Gloss	Repositionable	7.3 mils	X		X	Wire, cable and general identification. The adhesive and cloth backing give excellent holding power, yet allow for clean removal and repositioning.
Wrap-Around	B-499	Thermal Transfer	White	Matte	Permanent	6.5 mils	X	X	X	Wire marking and general identification; laboratory identification; colored dots available.
Wrap-Around	B-437	Thermal Transfer	White, Yellow	Matte	Permanent	7.2 mils			X	Cable and wire bundle applications and label applications where self extinguishing properties are required.
Wrap-Around	B-472	Thermal Transfer	White, Yellow	Matte	Permanent	6.2 mils			X	Cable and wire bundle applications and label applications where high temperatures are present.
Tag	B-412	Thermal Transfer	White	Matte	Non-Adhesive	8.0 mils			X	Wire, cable and product inventory identification where legibility and tensile strength are needed.
Tag	B-508	Thermal Transfer	White, Yellow	Matte	Non-Adhesive	12 mils			X	High performance wire bundle and cable identification tag for use in harsh environments.
Tag	B-7643	Thermal Transfer	White, Yellow	Matte	Non-Adhesive	-			X	Zero-halogen high density, thermoplastic polyether polyurethane cable marker.

View PermaSleeve Materials on page 196.

3" Core Materials - Wire and Cable Labels

How to Select a Wire Marker

There are four main questions to ask yourself when you're starting the process of marking wires. These questions will help you select a wire marker that best suits your needs.

1. Are you marking the wire before termination?

Sleeve markers are generally used before termination because they must be slipped over the open end of the wire. These non-adhesive markers provide flexibility as they can be moved prior to being heat-shrunk. Once shrunk, these markers fit snugly around wires for permanent identification which will stand up to harsh environments. Self-laminating and wire-wrap labels can also be easily applied to terminal wires.

2. What gauge wire are you marking?

The outside diameter of the wire determines the diameter of the sleeve or the height of the label to be used.

3. Will you print your own or purchase preprinted ones?

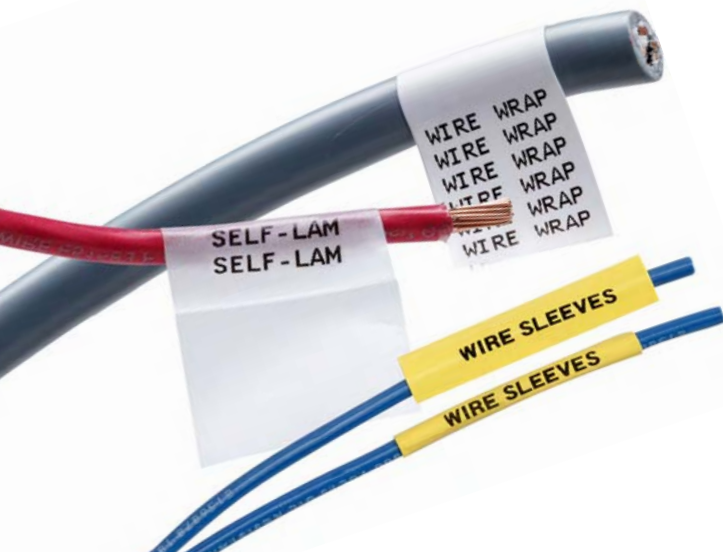
Preprinted markers are available in a large variety of stock legends and custom legends are available for any large jobs. These markers come in a variety of packaging and formats for ease of use and ease of transport. They are ideal for any application.

Printable markers are meant to be printed with variable legends as needed. Various methods for this include: portable wire marking printers or computer software linked to thermal transfer, dot matrix, laser or ink-jet printers. An extensive array of sizes are available for every application. These printable markers offer the flexibility of printing legends on demand.

4. What environment will these wire markers be in?

It is extremely important to select a wire marker material that will last for your application. Avoid going through the trouble of marking only to have to do it all again because the correct material was not selected. Be sure to ask yourself these questions before you select your wire marker:

- Does it need to withstand contact with oil, water, chemicals or solvents?
- Are there self-extinguishing properties or requirements?
- Will the marking be exposed to high temperatures?
- Any industry or special specification requirements?
- Should it withstand dirt and environmental factors?



How to Select a Marker Size

Brady offers a variety of marker sizes for your wire marking needs. Please view the charts listed below to assist you in choosing the minimum recommended label height for your specific type of wire or cable that you are identifying.

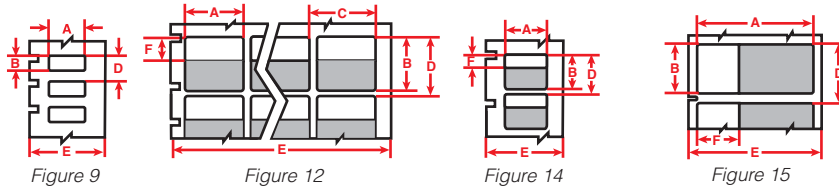
Size AWG.	O.D. inch (mm)	Circumference Inch (mm)	Minimum Recommended Label Height Inch (mm)
Type THW Wire O.D.			
18	0.108 (2.74)	0.340 (2.64)	0.500 (12.7)
16	0.118 (3)	0.370 (9.42)	0.500 (12.7)
14	0.162 (4.11)	0.510 (12.91)	0.750 (19.05)
12	0.179 (4.55)	0.560 (14.29)	1.000 (25.4)
10	0.199 (5.05)	0.630 (15.86)	1.000 (25.4)
8	0.276 (7.01)	0.870 (22.01)	1.500 (38.1)
6	0.323 (8.2)	1.020 (25.75)	1.500 (38.1)
4	0.372 (9.45)	1.170 (29.67)	1.750 (44.45)
3	0.401 (10.19)	1.260 (32)	2.000 (50.8)
2	0.433 (11)	1.360 (34.54)	2.000 (50.8)
1	0.508 (12.9)	1.600 (40.51)	2.500 (63.5)
1/0	0.549 (13.95)	1.720 (43.8)	2.500 (63.5)
2/0	0.595 (15.11)	1.870 (47.45)	3.000 (76.2)
3/0	0.647 (16.43)	2.030 (51.59)	3.000 (76.2)
4/0	0.705 (17.91)	2.210 (56.24)	3.500 (88.9)
Type THHN Wire O.D.			
18	0.089 (2.26)	0.280 (7.1)	0.500 (12.7)
16	0.100 (2.54)	0.310 (7.98)	0.500 (12.7)
14	0.105 (2.67)	0.330 (8.38)	0.500 (12.7)
12	0.122 (3.1)	0.380 (9.73)	0.500 (12.7)
10	0.153 (3.89)	0.480 (12.21)	0.750 (19.05)
8	0.218 (5.54)	0.680 (17.4)	1.000 (25.4)
6	0.257 (6.53)	0.810 (20.5)	1.250 (31.75)
4	0.328 (8.33)	1.030 (26.16)	1.500 (38.1)
3	0.356 (9.04)	1.120 (28.39)	1.750 (44.45)
2	0.388 (9.86)	1.220 (30.96)	2.000 (50.8)
1	0.450 (11.43)	1.410 (35.89)	2.250 (57.15)
1/0	0.491 (12.47)	1.540 (36.16)	2.500 (63.5)
2/0	0.537 (13.64)	1.690 (42.83)	2.500 (63.5)
3/0	0.588 (14.94)	1.850 (46.91)	2.750 (69.85)
4/0	0.646 (16.41)	2.030 (51.53)	3.000 (76.2)
Type PVC Wire O.D.			
22	0.062 (1.57)	0.190 (4.93)	0.300 (7.62)
20	0.069 (1.75)	0.220 (5.5)	0.300 (7.62)
18	0.079 (2)	0.250 (6.28)	0.500 (12.7)
16	0.092 (2.34)	0.290 (7.53)	0.500 (12.7)
14	0.138 (3.5)	0.430 (10.99)	0.750 (19.05)
12	0.158 (4.01)	0.500 (12.59)	0.750 (19.05)
10	0.183 (4.65)	0.570 (14.6)	1.000 (25.4)
8	0.250 (6.35)	0.790 (19.94)	1.250 (31.75)
Type Fluorinated Polyethylene Coated Wire O.D.			
22	0.060 (1.52)	0.190 (4.77)	0.300 (7.62)
20	0.068 (1.73)	0.210 (5.43)	0.300 (7.62)
18	0.079 (2.01)	0.250 (6.31)	0.500 (12.7)
16	0.089 (2.26)	0.280 (7.1)	0.500 (12.7)

3" Core Materials - Wire and Cable Labels

B-427 Self-Laminating Vinyl Material

Color: White/Translucent **Finish:** Matte

Self-laminating vinyl features white printable area with a clear "tail" that wraps around marker. Tail serves as overlamine to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.



3" Core Materials

Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Write On Area Height F Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 12	THT-80-427-5	Vinyl	White/Transparent	0.500 (12.7)	0.750 (19.1)	0.950 (24.1)	2.500 (63.5)	0.375 (9.5)	4	5,000	R4300
Fig. 12	THT-113-427-5	Vinyl	White/Transparent	0.500 (12.7)	1.000 (25.4)	1.125 (28.6)	2.500 (63.5)	0.375 (9.5)	4	5,000	R4300
Fig. 12	THT-114-427-5	Vinyl	White/Transparent	0.500 (12.7)	1.250 (31.8)	1.375 (34.9)	2.500 (63.5)	0.500 (12.7)	4	5,000	R4300
Fig. 12	THT-8-427-10	Vinyl	White/Transparent	0.500 (12.7)	1.437 (36.5)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	5	10,000	R4311
Fig. 12	THT-56-427-10	Vinyl	White/Transparent	0.750 (19.1)	0.938 (23.8)	1.125 (28.6)	3.350 (85.1)	0.375 (9.5)	4	10,000	R4307
Fig. 12	THT-73-427-10	Vinyl	White/Transparent	0.750 (19.1)	1.750 (44.5)	1.875 (47.6)	3.350 (85.1)	0.500 (12.7)	4	10,000	R4307
Fig. 12	THT-74-427-10	Vinyl	White/Transparent	0.800 (20.3)	1.437 (36.5)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	4	10,000	R4307
Fig. 12	THT-115-427-5	Vinyl	White/Transparent	1.000 (25.4)	0.750 (19.1)	0.875 (22.2)	2.300 (58.4)	0.375 (9.5)	2	5,000	R4302
Fig. 12	THT-116-427-5	Vinyl	White/Transparent	1.000 (25.4)	1.000 (25.4)	1.125 (28.6)	2.300 (58.4)	0.375 (9.5)	2	5,000	R4302
Fig. 12	THT-117-427-5	Vinyl	White/Transparent	1.000 (25.4)	1.250 (31.8)	1.375 (34.9)	2.300 (58.4)	0.500 (12.7)	2	5,000	R4302
Fig. 12	THT-9-427-10	Vinyl	White/Transparent	1.000 (25.4)	1.437 (36.5)	1.625 (41.3)	3.350 (85.1)	0.500 (12.7)	3	10,000	R4307
Fig. 12	THT-75-427-3	Vinyl	White/Transparent	1.000 (25.4)	2.250 (57.2)	2.375 (60.3)	2.300 (58.4)	0.750 (19.1)	2	3,000	R4302
Fig. 12	THT-10-427-3	Vinyl	White/Transparent	1.000 (25.4)	3.750 (95.3)	4.000 (101.6)	3.350 (85.1)	1.000 (25.4)	3	3,000	R4300
Fig. 12	THT-81-427-1	Vinyl	White/Transparent	1.000 (25.4)	6.000 (152.4)	6.187 (157.2)	2.300 (58.4)	1.500 (38.1)	2	1,000	R4302
Fig. 9	THT-135-427-3-AW	Vinyl	All White	1.500 (38.1)	0.750 (19.1)	0.875 (22.2)	1.700 (43.2)	0.750 (19.1)	1	3,000	R4302
Fig. 14	THT-118-427-5	Vinyl	White/Transparent	1.500 (38.1)	1.000 (25.4)	1.125 (28.5)	1.700 (43.1)	0.375 (9.5)	1	5,000	R4302
Fig. 14	THT-119-427-2.5	Vinyl	White/Transparent	1.500 (38.1)	1.500 (38.1)	1.625 (41.3)	1.700 (43.1)	0.500 (12.7)	1	2,500	R4302
Fig. 14	THT-120-427-5	Vinyl	White/Transparent	1.750 (44.5)	1.000 (25.4)	1.125 (28.5)	1.950 (49.5)	0.375 (9.5)	1	5,000	R4302
Fig. 14	THT-121-427-2.5	Vinyl	White/Transparent	1.750 (44.5)	1.500 (38.1)	1.625 (41.3)	1.950 (49.5)	0.500 (12.7)	1	2,500	R4302
Fig. 9	THT-137-427-3-AW	Vinyl	All White	2.000 (50.8)	1.000 (25.4)	1.125 (28.6)	2.200 (55.9)	1.000 (25.4)	1	3,000	R4302
Fig. 14	THT-27-427-1	Vinyl	White/Transparent	2.000 (50.8)	3.750 (95.3)	4.000 (101.6)	2.200 (55.9)	1.000 (25.4)	1	1,000	R4302
Fig. 14	THT-82-427-0.5	Vinyl	White/Transparent	2.000 (50.8)	6.000 (152.4)	6.250 (158.8)	2.200 (55.9)	1.500 (38.1)	1	500	R4302
Fig. 14	THT-83-427-0.5	Vinyl	White/Transparent	2.000 (50.8)	7.000 (177.8)	7.187 (182.6)	2.200 (55.9)	1.500 (38.1)	1	500	R4302
Fig. 14	THT-26-427-1	Vinyl	White/Transparent	2.500 (63.5)	2.250 (57.2)	2.438 (61.9)	2.700 (68.6)	0.750 (19.1)	1	1,000	R4300

Rotated B-427 Self-Laminating Vinyl Material

Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Write On Area Height F Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 15	THT-61-427-5	Vinyl	White/Transparent	1.437 (36.5)	0.500 (12.7)	0.687 (17.5)	1.637 (41.6)	0.500 (12.7)	1	5,000	R4302
Fig. 15	THT-62-427-3.5	Vinyl	White/Transparent	1.750 (44.5)	0.750 (19.1)	0.937 (23.8)	1.950 (49.5)	0.500 (12.7)	1	3,500	R4302
Fig. 15	THT-63-427-3.5	Vinyl	White/Transparent	1.437 (36.5)	0.800 (10.2)	0.987 (25.1)	1.637 (41.6)	0.500 (12.7)	1	3,500	R4302
Fig. 15	THT-64-427-3	Vinyl	White/Transparent	2.250 (57.2)	1.000 (25.4)	1.187 (30.2)	2.450 (62.2)	0.750 (19.1)	1	3,000	R4300
Fig. 15	THT-65-427-3	Vinyl	White/Transparent	3.750 (95.3)	1.000 (25.4)	1.187 (30.2)	3.950 (100.3)	1.000 (25.4)	1	3,000	R4307
Fig. 15	THT-66-427-1.5	Vinyl	White/Transparent	3.187 (81.0)	1.900 (48.3)	2.150 (54.6)	3.387 (86.0)	0.750 (19.1)	1	1,500	R4307
Fig. 15	THT-67-427-1.5	Vinyl	White/Transparent	2.250 (57.2)	2.000 (50.8)	2.187 (55.6)	2.450 (62.2)	0.750 (19.1)	1	1,500	R4300
Fig. 15	THT-85-427-2	Vinyl	White/Transparent	6.000 (152.4)	2.000 (50.8)	2.200 (55.9)	6.200 (157.5)	1.500 (38.1)	1	2,000	R4308
Fig. 15	THT-86-427-2	Vinyl	White/Transparent	7.000 (177.8)	2.000 (50.8)	2.200 (55.9)	7.200 (182.9)	1.500 (38.1)	1	2,000	R4308
Fig. 15	THT-127-427-3	Vinyl	White/Transparent	2.200 (55.9)	0.500 (12.7)	0.625 (15.9)	2.400 (61.0)	0.750 (19.1)	1	3,000	R4300
Fig. 15	THT-131-427-3	Vinyl	White/Transparent	2.625 (66.7)	1.000 (25.4)	1.125 (28.6)	2.825 (71.8)	1.000 (25.4)	1	3,000	R4300

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.

Step 1: Wire Diameter
 $\times 3.14$ (pi)
 = Wire Circumference

Step 2: Wire Circumference
 $\times 1.5$ (wraps 1.5 times around wire)
 = Total Label Length

Wire and Cable

3" Core Materials - Wire and Cable Labels

B-437 Topcoated Polyvinylfluoride Material

Color: White, Yellow **Finish:** Matte

White or yellow polyvinylfluoride labels with a matte finish used most frequently in wire and cable identification applications where self-extinguishing features are required. This material utilizes a permanent acrylic adhesive for heavy-duty applications and is available in continuous or die-cut formats. Excellent resistance to water, oil and other common fluids.

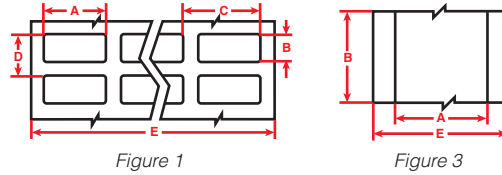


Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig 1	THT-14-437-10	Polyvinylfluoride	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.78)	0.300 (7.62)	2.950 (74.93)	4	10,000	R4300
Fig 1	THT-1-437-10	Polyvinylfluoride	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.89)	3.350 (85.09)	4	10,000	R4300
Fig 1	THT-2-437-10	Polyvinylfluoride	White	0.900 (22.9)	0.250 (6.4)	1.125 (28.6)	0.350 (8.89)	3.350 (85.09)	3	10,000	R4300
Fig 1	THT-29-437-10	Polyvinylfluoride	White	1.250 (31.8)	0.375 (9.5)	1.300 (33.02)	0.475 (12.07)	2.750 (69.85)	2	10,000	R4300
Fig 3	THT-105-437	Polyvinylfluoride	White	1.500 (38.1)	300 ft (91.44 m)	-	-	1.750 (44.45)	1	1 roll (cont.)	R4302
Fig 1	THT-5-437-10	Polyvinylfluoride	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.31)	0.600 (15.24)	3.350 (85.09)	3	10,000	R4300
Fig 3	THT-21-437	Polyvinylfluoride	White	3.000 (76.2)	300 ft (91.44 m)	-	-	3.200 (81.28)	1	1 roll (cont.)	R4300
Fig 1	THT-29-437-10-YL	Polyvinylfluoride	Yellow	1.250 (31.8)	0.375 (9.5)	1.300 (33.02)	0.475 (12.07)	2.750 (69.85)	2	10,000	R4300
Fig 3	THT-105-437-YL	Polyvinylfluoride	Yellow	1.500 (38.1)	300 ft (91.44 m)	-	-	1.750 (44.45)	1	1 roll (cont.)	R4302
Fig 1	THT-5-437-10-YL	Polyvinylfluoride	Yellow	1.000 (25.4)	0.500 (12.7)	1.075 (27.31)	0.600 (15.24)	3.350 (85.09)	3	10,000	R4300
Fig 3	THT-21-437-YL	Polyvinylfluoride	Yellow	3.000 (76.2)	300 ft (91.44 m)	-	-	3.200 (81.28)	1	1 roll (cont.)	R4300

B-472 Topcoated Polyimide Wire-wrap Material

Color: White, Yellow **Finish:** Matte

A thin polyimide material which features an advanced adhesive and topcoat design. This material is self-extinguishing, chemical resistant and able to withstand extreme environments including high temperatures. Provides a strong print performance yet remains flexible, conformable and repositionable for wire wrapping.

Performance Attributes:

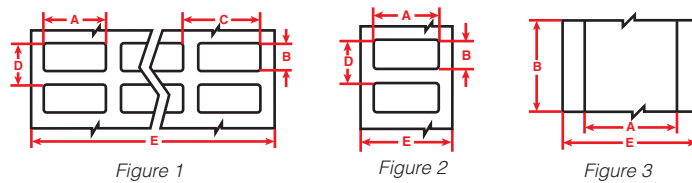


Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Write On Height F Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-472-10	Polyimide	White	1.000 (25.40)	0.500 (12.70)	1.075 (27.31)	3.350 (85.09)	3	10,000	R4300
Fig. 2	THT-29-472-10	Polyimide	White	1.250 (31.75)	0.375 (9.50)	1.300 (33.02)	2.750 (69.85)	2	10,000	R4300
Fig. 3	THT-106-472	Polyimide	White	2.000 (50.80)	300 ft. (91.4 m)	-	2.200 (55.88)	1	1 roll (cont.)	R4300
Fig. 1	THT-1-472-10-YL	Polyimide	Yellow	0.750 (19.05)	0.250 (6.35)	0.800 (20.32)	3.350 (85.09)	4	10,000	R4300
Fig. 1	THT-5-472-10-YL	Polyimide	Yellow	1.000 (25.40)	0.500 (12.70)	1.075 (27.31)	3.350 (85.09)	3	10,000	R4300
Fig. 2	THT-29-472-10-YL	Polyimide	Yellow	1.250 (31.75)	0.375 (9.50)	1.300 (33.02)	2.750 (69.85)	2	10,000	R4300
Fig. 3	THT-105-472-YL	Polyimide	Yellow	1.500 (38.10)	300 ft. (91.4 m)	-	1.700 (43.18)	1	1 roll (cont.)	R4302
Fig. 3	THT-106-472-YL	Polyimide	Yellow	2.000 (50.80)	300 ft. (91.4 m)	-	2.200 (55.88)	1	1 roll (cont.)	R4300

3" Core Materials - Wire and Cable Labels

B-498 Repositionable Vinyl Cloth

Color: White **Finish:** Semi-Gloss

Repositionable vinyl cloth material for wire, cable and component marking. Adhesive and cloth backing offers excellent holding power, while easily being repositioned and removed.

Performance Attributes: 

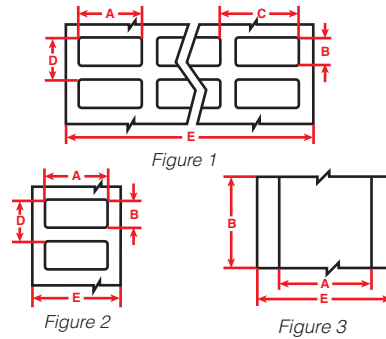


Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	THT-253-498-3	Vinyl Cloth	White	0.188 (4.78)	3.000 (76.2)	-	-	1.000 (25.4)	1	3000	R6206
Fig. 3	THT-94-498-2	Vinyl Cloth	White	0.240 (6.1)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 roll (cont.)	R6206
Fig. 1	THT-90-498-5	Vinyl Cloth	White	0.250 (6.4)	1.437 (36.5)	0.350 (8.9)	1.562 (39.7)	2.200 (55.9)	6	5,000	R6200
Fig. 3	THT-93-498-2	Vinyl Cloth	White	0.312 (7.9)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 roll (cont.)	R6206
Fig. 3	THT-92-498-2	Vinyl Cloth	White	0.375 (9.5)	165 ft (50.8 m)	-	-	1.000 (25.4)	1	1 roll (cont.)	R6206
Fig. 1	THT-68-498-10	Vinyl Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	10,000	R6202
Fig. 1	THT-87-498-5	Vinyl Cloth	White	0.500 (12.7)	1.437 (36.5)	0.600 (15.2)	1.562 (39.7)	3.700 (94.0)	6	5,000	R6207
Fig. 1	THT-14-498-10	Vinyl Cloth	White	0.650 (16.5)	0.200 (5.1)	0.700 (17.8)	0.300 (7.6)	2.950 (74.9)	4	10,000	R6202
Fig. 2	THT-252-498-3	Vinyl Cloth	White	0.750 (19.1)	0.250 (6.4)	-	-	-	1	3000	R6207
Fig. 1	THT-1-498-10	Vinyl Cloth	White	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6207
Fig. 2	THT-254-498-3	Vinyl Cloth	White	0.750 (19.1)	0.750 (19.1)	-	-	-	1	3000	R6207
Fig. 1	THT-91-498-5	Vinyl Cloth	White	0.750 (19.1)	0.937 (23.8)	0.875 (22.2)	1.062 (27.0)	3.500 (88.9)	4	5,000	R6207
Fig. 1	THT-95-498-5	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	2.800 (71.1)	3	5,000	R6202
Fig. 1	THT-165-498-5	Vinyl Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	5,000	R6207
Fig. 1	THT-5-498-10	Vinyl Cloth	White	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6207
Fig. 2	THT-59-498-10	Vinyl Cloth	White	1.000 (25.4)	0.500 (12.7)	-	0.600 (15.2)	1.200 (30.5)	1	10,000	R6206
Fig. 1	THT-88-498-5	Vinyl Cloth	White	1.000 (25.4)	0.750 (19.1)	1.100 (27.9)	0.875 (22.2)	2.300 (58.4)	2	5,000	R6200
Fig. 1	THT-89-498-5	Vinyl Cloth	White	1.000 (25.4)	1.440 (36.5)	1.100 (27.9)	1.562 (39.7)	3.400 (86.4)	3	5,000	R6207
Fig. 2	THT-199-498-3	Vinyl Cloth	White	1.050 (28.7)	0.250 (6.4)	-	0.350 (8.9)	1.250 (31.8)	1	3,000	R6206
Fig. 2	THT-17-498-3	Vinyl Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6200

B-499 Nylon Cloth Material

Color: White **Finish:** Matte

Permanent adhesive allows labeling in environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, laboratory vials and general labeling.

Performance Attributes: 

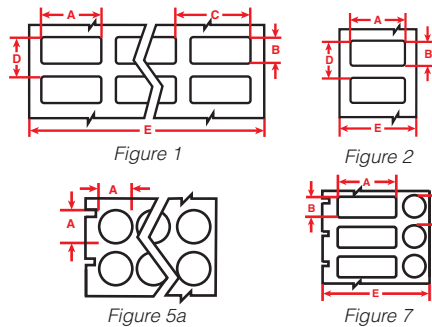


Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 5a	THT-143-499-3	Nylon Cloth	White	0.375 (9.53) dia.	-	-	-	-	4	3000	R4900
Fig. 5a	THT-144-499-3	Nylon Cloth	White	0.500 (12.7) dia.	-	-	-	-	3	3000	R4900
Fig. 1	THT-68-499-10	Nylon Cloth	White	0.500 (12.7)	0.750 (19.1)	0.600 (15.2)	0.850 (21.6)	2.500 (63.5)	4	10,000	R4900
Fig. 1	THT-162-499-10	Nylon Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	10,000	R4904
Fig. 1	THT-165-499-5	Nylon Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.562 (39.7)	3.700 (94.0)	4	5,000	R4904
Fig. 1	THT-69-499-3	Nylon Cloth	White	0.800 (20.3)	1.437 (36.5)	0.900 (22.9)	1.540 (39.1)	1.900 (48.3)	2	3,000	R4902
Fig. 7	THT-126-499-3	Nylon Cloth	White	0.900 (22.86)	0.500 (12.7)	-	-	-	1	3000	R4900
Fig. 2	THT-125-499-3	Nylon Cloth	White	0.900 (22.9)	0.500 (12.7)	-	0.600 (15.2)	1.100 (27.9)	1	3,000	R4902
Fig. 7	THT-163-499-3	Nylon Cloth	White	1.000 (25.4)	0.375 (9.5)	-	-	-	1	3000	R4900
Fig. 1	THT-152-499-3	Nylon Cloth	White	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	2.300 (58.4)	2	3,000	R4902
Fig. 2	THT-136-499-3	Nylon Cloth	White	1.500 (38.1)	0.750 (19.1)	-	0.875 (22.2)	1.700 (43.2)	1	3,000	R4902
Fig. 2	THT-185-499-3	Nylon Cloth	White	1.750 (44.5)	1.000 (25.4)	-	1.125 (28.6)	1.950 (49.5)	1	3,000	R4902
Fig. 2	THT-186-499-3	Nylon Cloth	White	1.750 (44.5)	1.875 (47.6)	-	1.975 (50.2)	1.950 (49.5)	1	3,000	R4902
Fig. 2	THT-137-499-3	Nylon Cloth	White	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4902
Fig. 2	THT-151-499-3	Nylon Cloth	White	2.000 (50.8)	0.250 (6.4)	-	0.350 (8.9)	2.200 (55.9)	1	3,000	R4902
Fig. 2	THT-19-499-1	Nylon Cloth	White	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4900

3" Core Materials - Wire and Cable Labels

B-412 Polypropylene Tags

Color: White **Finish:** Matte

Thick polypropylene material used for wire, cable and inventory identification. Offers high print legibility and high tensile strength.

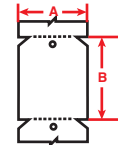


Figure 13

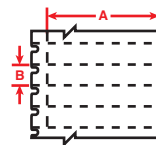


Figure 16



Diagram	Catalog #	Material	Finish	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 16	THT-150-412-1	Polypropylene Tag	Matte	White	1.938 (49.2)	0.375 (9.5)	-	1	1,000	R6200
Fig. 13	THT-33-412-1	Polypropylene Tag	Matte	White	3.000 (76.2)	6.000 (152.4)	3.000 (76.2)	1	2 rolls of 500	R6202

B-508 Nomex® Wire and Cable Tags

Thermal transfer and dot matrix printable wire and cable bundle tag for harsh environments. Excellent tear, heat and solvent resistance. Meets the following industry specifications: SAE AS 81531, RoHS compliant. Tested per ASTM E162, ASTM E662.

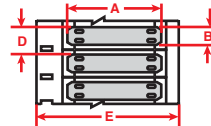


Figure 61



Note: The parts below are compatible with the i7100 and PR Plus printers only.

Diagram	Catalog #	Material	Finish	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Pkg	Rec. Ribbon	Rec. Printer
Fig. 61	HSNX-400-2-WT	Nomex® Tag	Matte	White	2.200 (55.8)	0.410 (10.4)	0.622 (15.79)	3.250 (82.55)	2,500	R4300	PR+300
Fig. 61	HSNX-400-2-WT-S	Nomex® Tag	Matte	White	2.200 (55.8)	0.410 (10.4)	0.622 (15.79)	3.250 (82.55)	250	R4300	PR+300
Fig. 61	HSNX-800-2-WT	Nomex® Tag	Matte	White	2.00 (50.8)	0.800 (10.160)	1.012 (25.70)	3.250 (82.55)	2,500	R4300	PR+300
Fig. 61	HSNX-800-2-WT-S	Nomex® Tag	Matte	White	2.00 (50.8)	0.800 (10.160)	1.012 (25.70)	3.250 (82.55)	250	R4300	PR+300
Fig. 61	HSNX-400-2-YL	Nomex® Tag	Matte	Yellow	2.200 (55.8)	0.410 (10.4)	0.622 (15.79)	3.250 (82.55)	2,500	R4300	PR+300
Fig. 61	HSNX-400-2-YL-S	Nomex® Tag	Matte	Yellow	2.200 (55.8)	0.410 (10.4)	0.622 (15.79)	3.250 (82.55)	250	R4300	PR+300
Fig. 61	HSNX-800-2-YL	Nomex® Tag	Matte	Yellow	2.00 (50.8)	0.800 (10.160)	1.012 (25.70)	3.250 (82.55)	2,500	R4300	PR+300
Fig. 61	HSNX-800-2-YL-S	Nomex® Tag	Matte	Yellow	2.00 (50.8)	0.800 (10.160)	1.012 (25.70)	3.250 (82.55)	250	R4300	PR+300

Nomex® is a registered trademark of DuPont.

B-7643 Heatex™ Cable Markers

Polyurethane tag material for dot matrix and thermal transfer printing. Low-halogen material that is RoHS compliant.

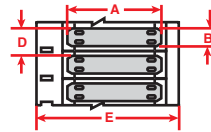


Figure 61



Note: The parts below are compatible with the i7100 and PR Plus printers only.

Diagram	Catalog #	Material	Finish	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 61	HSCM-2400-0.390-WT	Polyurethane	Matte	White	2.362 (60.0)	0.394 (10.0)	1	1,000	R6002
Fig. 61	HSCM-3000-0.500-WT	Polyurethane	Matte	White	2.953 (75.0)	0.394 (10.0)	1	1,000	R6002
Fig. 61	HSCM-3000-0.625-WT	Polyurethane	Matte	White	2.953 (75.0)	0.591 (15.0)	1	1,000	R6002
Fig. 61	HSCM-3000-1-WT	Polyurethane	Matte	White	2.953 (75.0)	0.984 (25.0)	1	500	R6002
Fig. 61	HSCM-2400-0.390-YL	Polyurethane	Matte	Yellow	2.400 (61.0)	0.390 (9.0)	1	1,000	R6002
Fig. 61	HSCM-3000-0.625-YL	Polyurethane	Matte	Yellow	2.953 (75.0)	0.591 (15.0)	1	1,000	R6002
Fig. 61	HSCM-3000-1-YL	Polyurethane	Matte	Yellow	2.953 (75.0)	0.984 (25.0)	1	500	R6002

B-390 DuraSleeve® Polypropylene Inserts

Printable, rigid inserts designed to be printed and affixed to a wire using extruded, clear PVC Wire Marking Carriers. Inserts are supplied roll-form formatted for thermal transfer printing.

DuraSleeve Printable Inserts

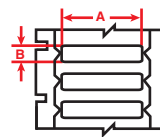


Figure 17

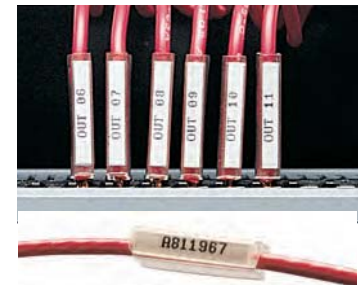


Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Pkg	Rec. Printer	Rec. Ribbon
Fig. 17	DSTHT-15-390-2.5	Polypropylene	White	0.591 (15.01)	0.163 (4.1)	2500	i7100, PR+	R6200
Fig. 17	DSTHT-30-390-2.5	Polypropylene	White	1.181 (30.0)	0.163 (4.1)	2500	i7100, PR+	R6200

0.590" Width Clear Carriers

Catalog #	Carrier Width Inch (mm)	Wire Outside Diameter Inch (mm)	Approx. Wire Gauge	Qty Per Pkg
DMC-1.3/3-15	0.590 (14.98)	0.051 (1.30) to 0.118 (3.00)	20-12	2000
DMC-2.5/5-15	0.590 (14.98)	0.098 (2.50) to 0.197 (5.00)	16-10	3000
DMC-4/10-15	0.590 (14.98)	0.157 (4.00) to 0.393 (10.00)	10-4	4000
DMC-8/16-15	0.590 (14.98)	0.315 (8.00) to 0.630 (16.00)	6-250	7500

1.180" Width Clear Carriers

Catalog #	Carrier Width Inch (mm)	Wire Outside Diameter Inch (mm)	Approx. Wire Gauge	Qty Per Pkg
DMC-1.3/3-30	1.180 (29.97)	0.051 (1.30) to 0.118 (3.00)	20-12	500
DMC-2.5/5-30	1.180 (29.97)	0.098 (2.50) to 0.197 (5.00)	16-10	100
DMC-4/10-30	1.180 (29.97)	0.157 (4.00) to 0.393 (10.00)	10-4	200
DMC-8/16-30	1.180 (29.97)	0.315 (8.00) to 0.630 (16.00)	6-250	250

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3" Core Materials

Wire and Cable