

PermaSleeve® Wire Marking Sleeves

Brady non-adhesive, printable heat-shrink wire marking sleeves fit snugly around wires or cables for maximum insulation protection. Their full-circle design provides fast and permanent wire marking. Clear, legible text can be printed on the sleeve with a Brady printer for reliable wire identification.

Brady heat-shrink sleeving materials excel in extreme environments, including temperature fluctuations and environments that require abrasion and chemical resistance. Brady offers a variety of materials available to print using thermal transfer and dot matrix printers.

PermaSleeve Material Comparison Guide

Use the following table to help determine which PermaSleeves are right for your application. Then reference the following pages for more information and all available catalog numbers.

Material	Catalog # Prefix	Description	Shrink Ratio	Temp. Range	Specs	Compliance	Rec. Ribbon Series
B-342	PS: Single-sided 3PS: Double-sided	Industrial/ Military Grade	3:1 ratio	-67°F to 275°F (-55°C to 135°C)	SAE-AS-23053/5 SAE-AS-81531	RoHS UL	R4300, R6600 and R6700 (with black sleeves)
B-344	2FR: Double-sided 2:1 ratio for 1500 dia. 3FR: Double-sided 3:1 ratio for 094–1000 dia.	Fluid Resistant	3:1 or 2:1 ratio	-67°F to 275°F (-55°C to 135°C)	SAE-AS-23053/6 (Class 1) SAE-AS-81531	RoHS	R6600 and R6700 (with black sleeves)
B-345	2HT: Double-sided	High-Temperature Resistant	2:1 ratio	-67°F to 437°F (-55°C to 225°C)	NASA SP-R-0022A Outgassing SAE-AS-81531 SAE-AS-23053/18	RoHS	R6000, R6600 and R6800 (with black sleeves)
B-7641	LSZH: Single-sided 2LSZH: Double-sided	Low Smoke, Zero Halogen	2:1 ratio	-22°F to 221°F (-30°C to 105°C)	EN45545-2	RoHS	R6000 and R6600
B-7642	HX: Single-sided 2HX: Double-sided	Industrial/ Military Grade	2:1 ratio	-40°F to 248°F (-40°C to 120°C)	SAE-AS-23053/5 Class 1 and 3 SAE-AS-81531	RoHS	R4300, R6000, R6400 and R6600
B-7646	DR: Double-sided	Diesel Resistant	3:1 ratio	-55°F to 135°F (-48°C to 57°C)	SAE-AS-81531 NF F 00-608 Type A and H	RoHS	R6600

▶ Custom Sleeve Options Available

Brady offers custom options for many of the materials in this catalog. Our dedicated, experienced custom quoting team can provide pricing for your unique label needs.



PermaSleeve® Wire Markers



QuickSleeve Handheld Sleeve Applicator

The QuickSleeve applicator is an intuitive multi-tool designed to help you quickly apply sleeves onto wires in three simple steps – just pick, slip and apply. This tool includes:

- Four specially designed slanted tubes sized for sleeve sizes 0.094, 0.125, 0.187 and 0.250 inches
- Built-in LED flashlight for use in low-lit conditions
- Terminal block sized screwdriver



Pick

Slip

Apply

Catalog #	Description	Qty.
QS	QuickSleeve multi-tool with 4 tube sizes (for 0.094, 0.125, 0.187 and 0.250 inches), terminal block sized screwdriver and LED flashlight.	1 each



Brady Heat Gun

The Brady Heat Gun provides fast, even shrinkage of BradySleeve™ and PermaSleeve® markers or heat-shrinkable tubing. Deflector shield evenly distributes forced air heat (minimum temperature 500°F/260°C) around sleeves of up to 0.750 in. diameter for uniform shrinkage. Sturdy base with rubber pad allows hands-off operation.

Catalog #	Description	Qty.
PMS-HG-1	Brady Heat Gun	1 each



BSP™45 Sleeve Applicator

An easy-to-use, faster and more cost-effective alternative to manual sleeve application. It increases wire sleeve application speed by up to 6-10 seconds by automatically removing sleeves from the liner and opening the sleeve for easy application. By eliminating the tedious task of hand applying hundreds of wire sleeves, it gives workers more time to focus on other important tasks.

▶ [View page 238 to learn more and shop compatible PermaSleeves.](#)



Feed printed PermaSleeve roll into the BSP45 Applicator



Use the foot pedal to trigger sleeve removal from liner



Sleeve is now ready for easy wire application

3" Core Materials

PermaSleeves

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.

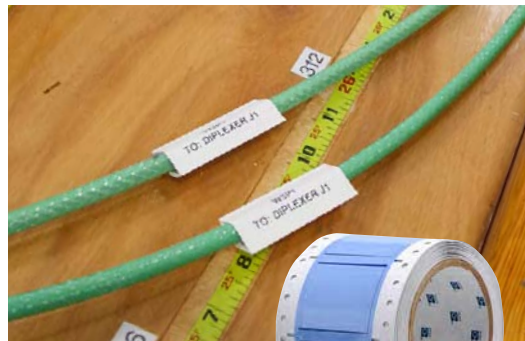
These fade-resistant and flame-retardant sleeves have an operating temperature of -67°F to 275°F (-55°C to 130°C).

Meets Specifications:

- SAE-AS-23053/5
- SAE-AS-81531
- RoHS compliant
- UL recognized

Tested per:

- ASTM E162
- ASTM E662
- MIL-STD-202



3" Core Materials

PermaSleeves

Create Your B-342 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

Example catalog number:

3PS - 187 - 2 - WT - S - 4

Product Diameter Width Color Roll Qty Pieces

Optional

Create your own:

Product Diameter Width Color Roll Qty Pieces

Optional

Printer Compatibility

BradyPrinter i7100
PR Plus Printer
BBP®72 Double Sided Printer

BradyPrinter i5100 and IP
printer acceptable for
size 125 and larger.

Ribbon Series

R4300, R4502S, R5000,
R6600, R6700

STEP 1: Product Type	PS	3PS
	= Single Sided Printing	= Double Sided Printing

STEP 2: Diameter	094	125	187	250	375	500	750	1000	1500
	= 3/32"	= 1/8"	= 3/16"	= 1/4"	= 3/8"	= 1/2"	= 3/4"	= 1"	= 1-1/2"
	0.023" - 0.080" dia.	0.046" - 0.110" dia.	0.062" - 0.150" dia.	0.094" - 0.215" dia.	0.125" - 0.320" dia.	0.187" - 0.450" dia.	0.250" - 0.700" dia.	0.333" - 0.950" dia.	0.500" - 1.400" dia.
	28 to 20 gauge	22 to 16 gauge	20 to 10 gauge	16 to 8 gauge	12 to 4 gauge	8 to 1 gauge	6 to 4/0 gauge	2 to 0.950" dia.	n/a

STEP 3: Sleeve Width	150	2
	= 1-1/2" sleeve width	= 2" sleeve width

STEP 4: Color	Standard Colors	Special Order Colors
	WT = White YL = Yellow	BL = Blue GR = Green OR = Orange GY = Gray PK = Pink RD = Red BR = Brown VT = Violet

STEP 5: Roll Qty. (optional)	For standard quantity, leave blank. For small quantity, enter "S".	
If sleeve diameter is 094-25	Standard = 2,500	Small (S) = 500
If sleeve diameter is 375	Standard = 1,000	Small (S) = 250
If sleeve diameter is 500	Standard = 500	Small (S) = 250
If sleeve diameter is 750-1500	Standard = 250	Small (S) = 100

STEP 6: Pieces Per Sleeve (optional)	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



Example: "3" slit

* ⚠️ **WARNING:** Cancer www.P65Warnings.ca.gov



B-342 PS PermaSleeve Wire Marking Sleeves:

Use the table below to browse standard white sleeves or build your own on page 198.

1.5" Sleeve Width, Single-sided Printable

Printer Compatibility: i7100, PR+, BBP72. i5100 and IP for size 125 and larger.

Recommended Ribbon Series: R4300, R4502S, R5000, R6600, R6700

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Min. Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
* PS-094-150-WT-S	White	500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.500 (38.1)
* PS-094-150-WT	White	2,500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.500 (38.1)
* PS-125-150-WT-S	White	500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)
* PS-125-150-WT	White	2,500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)
* PS-187-150-WT-S	White	500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)
* PS-187-150-WT	White	2,500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.500 (38.1)
* PS-250-150-WT-S	White	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
* PS-250-150-WT	White	2,500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
* PS-375-150-WT-S	White	250	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
* PS-375-150-WT	White	1,000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
* PS-500-150-WT-S	White	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
* PS-500-150-WT	White	500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)

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Physical property measurements of SAE-A4238200 Class 11 for Precision Insulating Materials when printed with R6600, R4300, R4502S, R5000, R6700 Series

White, yellow and black being tested

PermaSleeve® Wire Markers

B-342 PS PermaSleeve Wire Marking Sleeves:

Use the table below to browse standard white sleeves or build your own on page 198.

2" Sleeve Width, Single-sided Printable

Printer Compatibility: i7100, PR+, BBP72. i5100 and IP for size 125 and larger.
Recommended Ribbon Series: R4300, R4502S, R5000, R6600, R6700

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Min. Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
* PS-094-2-WT-S	White	500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-094-2-WT	White	2,500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-094-2-WT-J	White	10,000	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-125-2-WT-S	White	500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* PS-125-2-WT	White	2,500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* PS-125-2-WT-J	White	10,000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* PS-187-2-WT-S	White	500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* PS-187-2-WT	White	2,500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* PS-187-2-WT-J	White	10,000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* PS-250-2-WT-S	White	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-250-2-WT	White	2,500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-250-2-WT-J	White	7,500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-375-2-WT-S	White	250	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-375-2-WT	White	1,000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-375-2-WT-J	White	5,000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-500-2-WT-S	White	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-500-2-WT	White	500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-500-2-WT-J	White	2,500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-750-2-WT-S	White	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-750-2-WT	White	250	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-750-2-WT-J	White	1,000	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* PS-1000-2-WT-S	White	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* PS-1000-2-WT	White	250	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* PS-1000-2-WT-J	White	1,000	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* PS-1500-2-WT-S	White	100	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* PS-1500-2-WT	White	250	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* PS-1500-2-WT-J	White	2,000	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)

* ⚠️ **WARNING:** Cancer www.P65Warnings.ca.gov

3" Core Materials

PermaSleeves

B-342 PS PermaSleeve Wire Marking Sleeves:


Use the table below to browse standard white sleeves or build your own on page 198.

2" Sleeve Width, Double-sided Printable

Printer Compatibility: i7100, PR+, BBP72. i5100 and IP for size 125 and larger.

Recommended Ribbon Series: R4300, R4502S, R5000, R6600, R6700

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Min. Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
* 3PS-094-2-WT-S	White	500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-094-2-WT	White	2,500	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-094-2-WT-J	White	10,000	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-125-2-WT-S	White	500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* 3PS-125-2-WT	White	2,500	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* 3PS-125-2-WT-J	White	10,000	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* 3PS-187-2-WT-S	White	500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* 3PS-187-2-WT	White	2,500	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* 3PS-187-2-WT-J	White	10,000	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* 3PS-250-2-WT-S	White	500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-250-2-WT	White	2,500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-250-2-WT-J	White	7,500	16 to 8	0.094 (2.4) - 0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-375-2-WT-S	White	250	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-375-2-WT	White	1,000	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-375-2-WT-J	White	2,500	12 to 4	0.125 (3.2) - 0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-500-2-WT-S	White	250	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-500-2-WT	White	500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-500-2-WT-J	White	2,500	8 to 1	0.187 (4.8) - 0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-750-2-WT-S	White	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-750-2-WT	White	250	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-750-2-WT-J	White	2,500	6 to 4/0	0.250 (6.6) - 0.700 (17.8)	0.750 (19.0)	0.250 (6.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* 3PS-1000-2-WT-S	White	100	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* 3PS-1000-2-WT	White	250	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* 3PS-1000-2-WT-J	White	2,500	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* 3PS-1500-2-WT-S	White	100	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* 3PS-1500-2-WT	White	250	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
* 3PS-1500-2-WT-J	White	1,000	N/A	0.500 (12.7) - 1.400 (35.6)	1.500 (38.1)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)

*  **WARNING:** Cancer www.P65Warnings.ca.gov

PermaSleeve® Wire Markers

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 offers greater resistance to harsh chemicals such as fuels, lubricants and cleaning solvents.

Meets specifications:

- SAE-AS-23053/6 (Class 1)
- SAE-AS-81531

Tested per:

- ASTM E162
- ASTM E662
- MIL-STD-202G

Temp Range:

- -67°F to 275°F (-55°C to 135°C)

Shrink Ratio:

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



3" Core Materials

PermaSleeves

Create Your B-344 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

Example catalog number:

3FR - 187 - 2 - WT - S - 4
 Product Diameter Width Color Roll Qty Pieces
 Optional

Create your own:

Product Diameter Width Color Roll Qty Pieces
 Optional

Printer Compatibility

BradyPrinter i7100
 PR Plus Printer
 BBP®72 Double Sided Printer

Ribbon Series

R6600, R6700

STEP 1: Product Type	3FR = Double-sided 3:1 shrink ratio for 094–1000 dia. only																											
	2FR = Double-sided 2:1 shrink ratio for 1500 dia. only																											
STEP 2: Diamenter	<table border="0"> <tr><td>094 = 3/32"</td><td>0.023" - 0.080" dia.</td><td>28 to 20 gauge</td></tr> <tr><td>125 = 1/8"</td><td>0.046" - 0.110" dia.</td><td>22 to 16 gauge</td></tr> <tr><td>187 = 3/16"</td><td>0.062" - 0.150" dia.</td><td>20 to 10 gauge</td></tr> <tr><td>250 = 1/4"</td><td>0.094" - 0.215" dia.</td><td>16 to 8 gauge</td></tr> <tr><td>375 = 3/8"</td><td>0.125" - 0.320" dia.</td><td>12 to 4 gauge</td></tr> <tr><td>500 = 1/2"</td><td>0.187" - 0.450" dia.</td><td>8 to 1 gauge</td></tr> <tr><td>750 = 3/4"</td><td>0.250" - 0.700" dia.</td><td>6 to 4/0 gauge</td></tr> <tr><td>1000 = 1"</td><td>0.333" - 0.950" dia.</td><td>2 to 0.950" dia.</td></tr> <tr><td>1500 = 1-1/2"</td><td>0.750" - 1.400" dia.</td><td>n/a</td></tr> </table>	094 = 3/32"	0.023" - 0.080" dia.	28 to 20 gauge	125 = 1/8"	0.046" - 0.110" dia.	22 to 16 gauge	187 = 3/16"	0.062" - 0.150" dia.	20 to 10 gauge	250 = 1/4"	0.094" - 0.215" dia.	16 to 8 gauge	375 = 3/8"	0.125" - 0.320" dia.	12 to 4 gauge	500 = 1/2"	0.187" - 0.450" dia.	8 to 1 gauge	750 = 3/4"	0.250" - 0.700" dia.	6 to 4/0 gauge	1000 = 1"	0.333" - 0.950" dia.	2 to 0.950" dia.	1500 = 1-1/2"	0.750" - 1.400" dia.	n/a
094 = 3/32"	0.023" - 0.080" dia.	28 to 20 gauge																										
125 = 1/8"	0.046" - 0.110" dia.	22 to 16 gauge																										
187 = 3/16"	0.062" - 0.150" dia.	20 to 10 gauge																										
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1000 = 1"	0.333" - 0.950" dia.	2 to 0.950" dia.																										
1500 = 1-1/2"	0.750" - 1.400" dia.	n/a																										
STEP 3: Sleeve Width	2 = 2" sleeve width																											
STEP 4: Color	<table border="0"> <tr> <td><i>Standard Colors</i></td> <td colspan="3"><i>Special Order Colors</i></td> </tr> <tr> <td>WT = White</td> <td>BL = Blue</td> <td>OR = Orange</td> <td>PK = Pink</td> </tr> <tr> <td>YL = Yellow</td> <td>GR = Green</td> <td>GY = Gray</td> <td>RD = Red</td> </tr> <tr> <td></td> <td>BL = Black</td> <td>BR = Brown</td> <td>VT = Violet</td> </tr> </table>	<i>Standard Colors</i>	<i>Special Order Colors</i>			WT = White	BL = Blue	OR = Orange	PK = Pink	YL = Yellow	GR = Green	GY = Gray	RD = Red		BL = Black	BR = Brown	VT = Violet											
<i>Standard Colors</i>	<i>Special Order Colors</i>																											
WT = White	BL = Blue	OR = Orange	PK = Pink																									
YL = Yellow	GR = Green	GY = Gray	RD = Red																									
	BL = Black	BR = Brown	VT = Violet																									
STEP 5: Roll Qty. (optional)	<p><i>For standard quantity, leave blank. For small quantity, enter "S".</i></p> <table border="0"> <tr> <td>If sleeve diameter is 094–250</td> <td>Standard = 2,500</td> <td>Small (S) = 500</td> </tr> <tr> <td>If sleeve diameter is 375</td> <td>Standard = 1,000</td> <td>Small (S) = 250</td> </tr> <tr> <td>If sleeve diameter is 500</td> <td>Standard = 500</td> <td>Small (S) = 250</td> </tr> <tr> <td>If sleeve diameter is 750–1500</td> <td>Standard = 250</td> <td>Small (S) = 100</td> </tr> </table>	If sleeve diameter is 094–250	Standard = 2,500	Small (S) = 500	If sleeve diameter is 375	Standard = 1,000	Small (S) = 250	If sleeve diameter is 500	Standard = 500	Small (S) = 250	If sleeve diameter is 750–1500	Standard = 250	Small (S) = 100															
If sleeve diameter is 094–250	Standard = 2,500	Small (S) = 500																										
If sleeve diameter is 375	Standard = 1,000	Small (S) = 250																										
If sleeve diameter is 500	Standard = 500	Small (S) = 250																										
If sleeve diameter is 750–1500	Standard = 250	Small (S) = 100																										
STEP 6: Pieces Per Sleeve (optional)	<p><i>1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces.</i></p> <p>2 = Sleeve is slit to create 2 pieces</p> <p>Example: "2" slit</p>																											

⚠ **WARNING:** Cancer www.P65Warnings.ca.gov



B-344 FR PermaSleeve Wire Marking Sleeves:

Use the tables below to browse standard white sleeves or build your own on page 202.

3:1 Ratio, 2" Sleeve Width, Double-sided Printable

Printer Compatibility: i7100, PR+, BBP72

Recommended Ribbons: R6600, R6700

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
* 3FR-094-2-WT-S	White	500	28 to 20	0.023 (0.6) - 0.080 (2.0)		0.094" (2.4)	0.031" (0.79)	.020" (0.508) +/- .003" (0.076)	2.00" (50.8)
* 3FR-094-2-WT	White	2,500	28 to 20	0.023 (0.6) - 0.080 (2.0)		0.094" (2.4)	0.031" (0.79)	.020" (0.508) +/- .003" (0.076)	2.00" (50.8)
* 3FR-125-2-WT-S	White	500	22 to 16	0.042 (1.1) - 0.110 (2.8)		0.125 (3.2)	0.042" (1.07)	.020" (0.508) +/- .003" (0.076)	2.00" (50.8)
* 3FR-125-2-WT	White	2500	22 to 16	0.042 (1.1) - 0.110 (2.8)		0.125 (3.2)	0.042" (1.07)	.020" (0.508) +/- .003" (0.076)	2.00" (50.8)
* 3FR-187-2-WT-S	White	500	20 to 10	0.062 (1.6) - 0.150 (3.8)		0.187" (4.7)	0.062" (1.57)	.023" (0.584) +/- .003" (0.076)	2.00" (50.8)
* 3FR-187-2-WT	White	2,500	20 to 10	0.062 (1.6) - 0.150 (3.8)		0.187" (4.7)	0.062" (1.57)	.023" (0.584) +/- .003" (0.076)	2.00" (50.8)
* 3FR-250-2-WT-S	White	500	16 to 8	0.083 (2.1) - 0.215 (5.5)		0.250" (6.4)	0.083" (2.11)	.023" (0.584) +/- .003" (0.076)	2.00" (50.8)
* 3FR-250-2-WT	White	2,500	16 to 8	0.083 (2.1) - 0.215 (5.5)		0.250" (6.4)	0.083" (2.11)	.023" (0.584) +/- .003" (0.076)	2.00" (50.8)
* 3FR-375-2-WT-S	White	250	12 to 4	0.125 (3.2) - 0.320 (8.13)		0.375" (9.5)	0.125" (3.18)	.024" (0.610) +/- .003" (0.076)	2.00" (50.8)
* 3FR-375-2-WT	White	1,000	12 to 4	0.125 (3.2) - 0.320 (8.13)		0.375" (9.5)	0.125" (3.18)	.024" (0.610) +/- .003" (0.076)	2.00" (50.8)
* 3FR-500-2-WT-S	White	250	8 to 1	0.166 (4.2) - 0.450 (11.4)		0.500" (12.7)	0.166" (4.22)	.024" (0.610) +/- .003" (0.076)	2.00" (50.8)
* 3FR-500-2-WT	White	500	8 to 1	0.166 (4.2) - 0.450 (11.4)		0.500" (12.7)	0.166" (4.22)	.024" (0.610) +/- .003" (0.076)	2.00" (50.8)
* 3FR-750-2-WT-S	White	100	6 to 4/0	0.250 (6.6) - 0.700 (17.8)		0.750" (19.0)	0.250" (6.35)	.024" (0.610) +/- .003" (0.076)	2.00" (50.8)
* 3FR-750-2-WT	White	250	6 to 4/0	0.250 (6.6) - 0.700 (17.8)		0.750" (19.0)	0.250" (6.35)	.024" (0.610) +/- .003" (0.076)	2.00" (50.8)
* 3FR-1000-2-WT-S	White	100	2 to 0.950 dia	0.333 (8.45) - 0.950 (24.13)		1.000" (25.4)	0.333" (8.46)	.025" (0.635) +/- .003" (0.076)	2.00" (50.8)
* 3FR-1000-2-WT	White	250	2 to 0.950 dia	0.333 (8.45) - 0.950 (24.13)		1.000" (25.4)	0.333" (8.46)	.025" (0.635) +/- .003" (0.076)	2.00" (50.8)

* **WARNING:** Cancer www.P65Warnings.ca.gov

2:1 Ratio, 2" Sleeve Width, Double-sided Printable

Printer Compatibility: i7100, PR+, BBP72

Recommended Ribbons: R6600, R6700

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
* 2FR-1500-2-WT-S	White	100	N/A	0.75 (19.05) - 1.450 (36.84)		1.500 (38.1)	0.75 (19.1)	.035" (0.889) +/- .003" (0.076)	2.000 (50.8)
* 2FR-1500-2-WT	White	250	N/A	0.75 (19.05) - 1.450 (36.84)		1.500 (38.1)	0.75 (19.1)	.035" (0.889) +/- .003" (0.076)	2.000 (50.8)

* **WARNING:** Cancer www.P65Warnings.ca.gov

PermaSleeve® Wire Markers

B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves

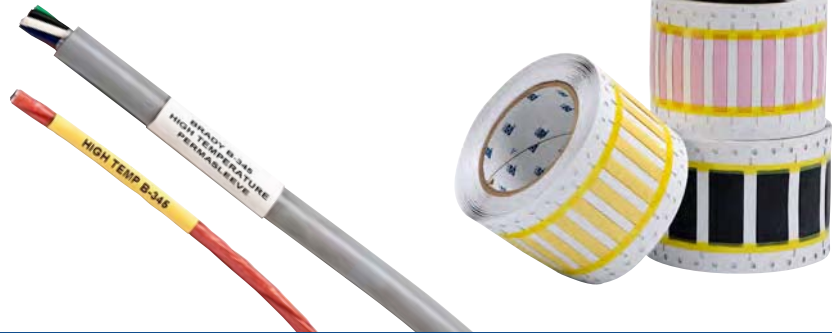
B-345 PermaSleeve HT High Temperature PVDF Wire Marking Sleeves are a 2:1 (3/32" is 3:1) heat-shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These sleeves are made of irradiated polyvinylidene fluoride (PVDF) and have an operating temperature of -67°F to 437°F (-55°C to 225°C).

Meets specifications:

- NASA SP-R-0022A Outgassing Performance
- SAE-AS-81531
- RoHS compliant

Tested per:

- SAE-AMS-DTL-23053/18, Class 2
- ASTM E162
- ASTM E662
- MIL-STD-202



3" Core Materials

PermaSleeves

Create Your B-345 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

Example catalog number:

2HT - 187 - 2 - WT - S - 4

Product Diameter Width Color Roll Qty Pieces

Optional

Create your own:

Product Diameter Width Color Roll Qty Pieces

Optional

Printer Compatibility

BradyPrinter i7100
PR Plus Printer
BBP®72 Double Sided Printer

BradyPrinter i5100 and IP printer acceptable for size 125 and larger.

Ribbon Series

R6000, R6600

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	=	3/32" 0.031" - 0.080" dia. 26 to 20 gauge
	125	=	1/8" 0.063" - 0.110" dia. 20 to 16 gauge
	187	=	3/16" 0.094" - 0.150" dia. 16 to 10 gauge
	250	=	1/4" 0.125" - 0.215" dia. 12 to 8 gauge
	375	=	3/8" 0.187" - 0.320" dia. 8 to 4 gauge
	500	=	1/2" 0.250" - 0.450" dia. 6 to 1 gauge
	750	=	3/4" 0.375" - 0.700" dia. 2 to 4/0 gauge
	1000	=	1" 0.450" - 0.950" dia. 2/0 to 0.950" dia.
	1500	=	1-1/2" 0.750" - 1.400" dia. n/a

STEP 3: Sleeve Width	2	=	2" sleeve width
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STEP 4: Color	Standard Colors	Special Order Colors
	WT = White	YL = Yellow PK = Pink BL = Blue BL = Black

STEP 5: Roll Qty. (optional)	Only available in small quantity size, please enter "S".	
If sleeve diameter is 094-250	Standard Small (S) =	500
If sleeve diameter is 375-500	Standard Small (S) =	250
If sleeve diameter is 750-1500	Standard Small (S) =	100

STEP 6: Pieces Per Sleeve (optional)	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



Example: "3" slit

▶ B-345 HT PermaSleeve Wire Marking Sleeves:

Use the tables below to browse standard white sleeves or build your own on page 204.

3:1 Ratio, 2" Sleeve Width, Double-sided Printable

Printer Compatibility: i7100, PR+, BBP72. i5100 and IP for size 125 and larger.

Recommended Ribbons: R6000

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
3HT-094-2-WT-S	White	500	26 to 20	0.031 (0.8)	0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)
3HT-094-2-WT-J	White	10,000	26 to 20	0.031 (0.8)	0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)

2:1 Ratio, 2" Sleeve Width, Double-sided Printable

Printer Compatibility: i7100, PR+, BBP72. i5100 and IP for size 125 and larger.

Recommended Ribbons: R6000

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
2HT-125-2-WT-S	White	500	20 to 16	0.063 (1.6)	0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)
2HT-187-2-WT-S	White	500	16 to 10	0.094 (2.4)	0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)
2HT-250-2-WT-S	White	500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)
2HT-375-2-WT-S	White	250	8 to 4	0.187 (4.7)	0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)
2HT-500-2-WT-S	White	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)
2HT-750-2-WT-S	White	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	2.000 (50.8)
2HT-1000-2-WT-S	White	100	2/0 to 0.950 dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	2.000 (50.8)
2HT-1500-2-WT-S	White	100	N/A	0.750 (19.1)	1.400 (35.6)	1.500 (38.1)	0.750 (19.1)	0.024 (0.6) ± 0.004 (0.1)	2.000 (50.8)

marking has very good environmental, abrasion, and chemical

White, yellow and black tubing tested

PermaSleeve® Wire Markers

B-7641 PermaSleeve® LSZH Low Smoke Zero Halogen Polyolefin Wire Marking Sleeves

B-7641 PermaSleeve LSZH polyolefin wire marking sleeves are 2:1 heat-shrinkable, low smoke and zero halogen. These wire marking sleeves offer outstanding fire safety properties and minimal smoke emission.

These low smoke zero halogen materials have an operating temperature of -22°F to 221°F (-30°C to 105°C).

Meets specifications:

- SAE-AS-81531
- EN45545-2
- RoHS compliant

Tested per:

- ASTM E162
- ASTM E662
- MIL-STD-202



3" Core Materials

PermaSleeves

Create Your B-7641 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

Example catalog number:

LSZH - 187 - 2 - WT - S - 4

Product Diameter Width Color Roll Qty Pieces

Optional

Create your own:

Product Diameter Width Color Roll Qty Pieces

Optional

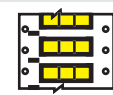
Printer Compatibility

BradyPrinter i7100
PR Plus Printer
BBP®72 Double Sided Printer

Ribbon Series

R6000, R6600

STEP 1: Product Type	LSZH = Single Sided Printing 2LSZH = Double Sided Printing																																																		
STEP 2: Diameter	<table border="0"> <tr><td>094</td><td>=</td><td>3/32"</td><td>0.047" - 0.080" dia.</td><td>24 to 20 gauge</td></tr> <tr><td>125</td><td>=</td><td>1/8"</td><td>0.062" - 0.110" dia.</td><td>20 to 16 gauge</td></tr> <tr><td>187</td><td>=</td><td>3/16"</td><td>0.094" - 0.151" dia.</td><td>16 to 10 gauge</td></tr> <tr><td>250</td><td>=</td><td>1/4"</td><td>0.125" - 0.215" dia.</td><td>12 to 8 gauge</td></tr> <tr><td>375</td><td>=</td><td>3/8"</td><td>0.188" - 0.320" dia.</td><td>8 to 4 gauge</td></tr> <tr><td>500</td><td>=</td><td>1/2"</td><td>0.250" - 0.450" dia.</td><td>6 to 1 gauge</td></tr> <tr><td>750</td><td>=</td><td>3/4"</td><td>0.375" - 0.700" dia.</td><td>2 to 4/0 gauge</td></tr> <tr><td>1000</td><td>=</td><td>1"</td><td>0.450" - 0.950" dia.</td><td>2/0 to 0.950" dia.</td></tr> <tr><td>1500</td><td>=</td><td>1-1/2"</td><td>0.750" - 1.400" dia.</td><td>n/a</td></tr> <tr><td>2000</td><td>=</td><td>2"</td><td>1.000" - 1.900" dia.</td><td>n/a</td></tr> </table>	094	=	3/32"	0.047" - 0.080" dia.	24 to 20 gauge	125	=	1/8"	0.062" - 0.110" dia.	20 to 16 gauge	187	=	3/16"	0.094" - 0.151" dia.	16 to 10 gauge	250	=	1/4"	0.125" - 0.215" dia.	12 to 8 gauge	375	=	3/8"	0.188" - 0.320" dia.	8 to 4 gauge	500	=	1/2"	0.250" - 0.450" dia.	6 to 1 gauge	750	=	3/4"	0.375" - 0.700" dia.	2 to 4/0 gauge	1000	=	1"	0.450" - 0.950" dia.	2/0 to 0.950" dia.	1500	=	1-1/2"	0.750" - 1.400" dia.	n/a	2000	=	2"	1.000" - 1.900" dia.	n/a
094	=	3/32"	0.047" - 0.080" dia.	24 to 20 gauge																																															
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1000	=	1"	0.450" - 0.950" dia.	2/0 to 0.950" dia.																																															
1500	=	1-1/2"	0.750" - 1.400" dia.	n/a																																															
2000	=	2"	1.000" - 1.900" dia.	n/a																																															
STEP 3: Sleeve Width	<table border="0"> <tr><td>150</td><td>=</td><td>1-1/2" sleeve width</td></tr> <tr><td>2</td><td>=</td><td>2" sleeve width</td></tr> <tr><td>3</td><td>=</td><td>3" sleeve width (only available in 1000, 1500 and 2000 dia. parts)</td></tr> </table>	150	=	1-1/2" sleeve width	2	=	2" sleeve width	3	=	3" sleeve width (only available in 1000, 1500 and 2000 dia. parts)																																									
150	=	1-1/2" sleeve width																																																	
2	=	2" sleeve width																																																	
3	=	3" sleeve width (only available in 1000, 1500 and 2000 dia. parts)																																																	
STEP 4: Color	<table border="0"> <tr> <td><i>Standard Colors</i></td> <td colspan="3"><i>Special Order Colors</i></td> </tr> <tr> <td>WT = White</td> <td>BL = Blue</td> <td>OR = Orange</td> <td>RD = Red</td> </tr> <tr> <td>YL = Yellow</td> <td>GR = Green</td> <td>GY = Gray</td> <td>VT = Violet</td> </tr> </table>	<i>Standard Colors</i>	<i>Special Order Colors</i>			WT = White	BL = Blue	OR = Orange	RD = Red	YL = Yellow	GR = Green	GY = Gray	VT = Violet																																						
<i>Standard Colors</i>	<i>Special Order Colors</i>																																																		
WT = White	BL = Blue	OR = Orange	RD = Red																																																
YL = Yellow	GR = Green	GY = Gray	VT = Violet																																																
STEP 5: Roll Size (optional)	<p><i>For standard quantity, leave blank. For small quantity, enter "S".</i></p> <table border="0"> <tr> <td>If sleeve diameter is 094-187</td> <td>Standard = 2,500</td> <td>Small (S) = 500</td> </tr> <tr> <td>If sleeve diameter is 250-375</td> <td>Standard = 1,000</td> <td>Small (S) = 250</td> </tr> <tr> <td>If sleeve diameter is 500</td> <td>Standard = 500</td> <td>Small (S) = 250</td> </tr> <tr> <td>If sleeve diameter is 750-1500</td> <td>Standard = 250</td> <td>Small (S) = 100</td> </tr> <tr> <td>If sleeve diameter is 2000</td> <td>Standard = 100</td> <td>Small (S) = 50</td> </tr> </table>	If sleeve diameter is 094-187	Standard = 2,500	Small (S) = 500	If sleeve diameter is 250-375	Standard = 1,000	Small (S) = 250	If sleeve diameter is 500	Standard = 500	Small (S) = 250	If sleeve diameter is 750-1500	Standard = 250	Small (S) = 100	If sleeve diameter is 2000	Standard = 100	Small (S) = 50																																			
If sleeve diameter is 094-187	Standard = 2,500	Small (S) = 500																																																	
If sleeve diameter is 250-375	Standard = 1,000	Small (S) = 250																																																	
If sleeve diameter is 500	Standard = 500	Small (S) = 250																																																	
If sleeve diameter is 750-1500	Standard = 250	Small (S) = 100																																																	
If sleeve diameter is 2000	Standard = 100	Small (S) = 50																																																	
STEP 6: Pieces Per Sleeve (optional)	<p><i>1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces.</i></p> <table border="0"> <tr><td>2</td><td>=</td><td>Sleeve is slit to create 2 pieces</td></tr> <tr><td>3</td><td>=</td><td>Sleeve is slit to create 3 pieces</td></tr> <tr><td>4</td><td>=</td><td>Sleeve is slit to create 4 pieces</td></tr> </table>	2	=	Sleeve is slit to create 2 pieces	3	=	Sleeve is slit to create 3 pieces	4	=	Sleeve is slit to create 4 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																																																	



Example: "3" slit

B-7641 LSZH PermaSleeve Wire Markers:

Use the table below to browse standard white sleeves or build your own on page 206.

1.5" Sleeve Width, Single-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R6000, R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
LSZH-094-150-WT	White	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)
LSZH-094-150-WT-S	White	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	1.500 (38.1)
LSZH-125-150-WT	White	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
LSZH-125-150-WT-S	White	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
LSZH-187-150-WT	White	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
LSZH-187-150-WT-S	White	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	1.500 (38.1)
LSZH-250-150-WT	White	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)
LSZH-250-150-WT-S	White	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	1.500 (38.1)
LSZH-375-150-WT	White	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)
LSZH-375-150-WT-S	White	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)
LSZH-500-150-WT	White	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)
LSZH-500-150-WT-S	White	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	1.500 (38.1)
LSZH-750-150-WT	White	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)
LSZH-750-150-WT-S	White	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	1.500 (38.1)
LSZH-1000-150-WT	White	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)
LSZH-1000-150-WT-S	White	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	1.500 (38.1)
LSZH-1500-150-WT	White	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)
LSZH-1500-150-WT-S	White	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)
LSZH-2000-150-WT	White	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)
LSZH-2000-150-WT-S	White	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	1.500 (38.1)

3" Core Materials

Custom Sleeve Options Available

Brady offers custom options for many of the materials in this catalog. Our dedicated, experienced custom quoting team can provide pricing for your unique label needs.

Contact Brady Customer Service at 1-888-250-3082 for more information and to order your custom labels.



PermaSleeves

PermaSleeve® Wire Markers

B-7641 LSZH PermaSleeve Wire Markers:

Use the tables below to browse standard white sleeves or build your own on page 206.

2" Sleeve Width, Single-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R6000, R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
LSZH-094-2-WT-S	White	500	24 to 20	0.047 (1.2) - 0.080 (2.0)		0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2,000 (50.8)
LSZH-094-2-WT	White	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)		0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2,000 (50.8)
ZH-094-2-WT-J	White	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)		0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2,000 (50.8)
LSZH-125-2-WT-S	White	500	20 to 16	0.062 (1.6) - 0.110 (2.8)		0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2,000 (50.8)
LSZH-125-2-WT	White	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)		0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2,000 (50.8)
ZH-125-2-WT-J	White	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)		0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2,000 (50.8)
LSZH-187-2-WT-S	White	500	16 to 10	0.094 (2.4) - 0.151 (3.8)		0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2,000 (50.8)
LSZH-187-2-WT	White	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)		0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2,000 (50.8)
ZH-187-2-WT-J	White	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)		0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2,000 (50.8)
LSZH-250-2-WT-S	White	250	12 to 8	0.125 (3.2) - 0.215 (5.5)		0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2,000 (50.8)
LSZH-250-2-WT	White	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)		0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2,000 (50.8)
ZH-250-2-WT-J	White	7,500	12 to 8	0.125 (3.2) - 0.215 (5.5)		0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2,000 (50.8)
LSZH-375-2-WT-S	White	250	8 to 4	0.188 (4.8) - 0.320 (8.1)		0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2,000 (50.8)
LSZH-375-2-WT	White	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)		0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2,000 (50.8)
ZH-375-2-WT-J	White	5,000	8 to 4	0.188 (4.8) - 0.320 (8.1)		0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2,000 (50.8)
LSZH-500-2-WT-S	White	250	6 to 1	0.250 (6.4) - 0.450 (11.4)		0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2,000 (50.8)
LSZH-500-2-WT	White	500	6 to 1	0.250 (6.4) - 0.450 (11.4)		0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2,000 (50.8)
ZH-500-2-WT-J	White	2,500	6 to 1	0.250 (6.4) - 0.450 (11.4)		0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2,000 (50.8)
LSZH-750-2-WT-S	White	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)		0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2,000 (50.8)
LSZH-750-2-WT	White	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)		0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2,000 (50.8)
ZH-750-2-WT-J	White	2,500	2 to 4/0	0.375 (9.5) - 0.700 (17.8)		0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2,000 (50.8)
LSZH-1000-2-WT-S	White	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)		1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2,000 (50.8)
LSZH-1000-2-WT	White	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)		1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2,000 (50.8)
ZH-1000-2-WT-J	White	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)		1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2,000 (50.8)
LSZH-1500-2-WT	White	250	N/A	0.750 (19.0) - 1.400 (35.6)		1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2,000 (50.8)
ZH-1500-2-WT-J	White	1,000	N/A	0.750 (19.0) - 1.400 (35.6)		1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2,000 (50.8)
LSZH-2000-2-WT-S	White	50	N/A	1.000 (25.4) - 1.900 (48.3)		2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2,000 (50.8)
LSZH-2000-2-WT	White	100	N/A	1.000 (25.4) - 1.900 (48.3)		2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2,000 (50.8)
ZH-2000-2-WT-J	White	1,000	N/A	1.000 (25.4) - 1.900 (48.3)		2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2,000 (50.8)

3" Sleeve Width, Single-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R6000, R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
ZH-1000-3-WT	White	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)		1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	3,000 (76.2)
ZH-1500-3-WT	White	250	N/A	0.750 (19.0) - 1.400 (35.6)		1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	3,000 (76.2)
LSZH-2000-3-WT	White	100	N/A	1.000 (25.4) - 1.900 (48.3)		2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	3,000 (76.2)

3" Core Materials

PermaSleeves



B-7641 LSZH PermaSleeve Wire Markers:

Use the table below to browse standard white sleeves or build your own on page 206.

2" Sleeve Width, Double-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R6000, R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Min. Max.	Supplied Dia. Inch (mm)	Recovered Dia. Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
2LSZH-094-2-WT	White	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)
2LSZH-094-2-WT-S	White	500	24 to 20	0.047 (1.2) - 0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	.021 (0.5) ± .004 (0.1)	2.000 (50.8)
2LSZH-125-2-WT	White	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
2LSZH-125-2-WT-S	White	500	20 to 16	0.062 (1.6) - 0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
2LSZH-187-2-WT	White	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
2LSZH-187-2-WT-S	White	500	16 to 10	0.094 (2.4) - 0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
2LSZH-250-2-WT	White	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)
2LSZH-250-2-WT-S	White	250	12 to 8	0.125 (3.2) - 0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	.029 (0.7) ± .003 (0.07)	2.000 (50.8)
2LSZH-375-2-WT	White	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)
2LSZH-375-2-WT-S	White	250	8 to 4	0.188 (4.8) - 0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)
2LSZH-500-2-WT	White	500	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)
2LSZH-500-2-WT-S	White	250	6 to 1	0.250 (6.4) - 0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	.028 (0.7) ± .002 (0.05)	2.000 (50.8)
2LSZH-750-2-WT	White	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)
2LSZH-750-2-WT-S	White	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	.031 (0.8) ± .003 (0.07)	2.000 (50.8)
2LSZH-1000-2-WT	White	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
2LSZH-1000-2-WT-S	White	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	.036 (0.9) ± .003 (0.07)	2.000 (50.8)
2LSZH-1500-2-WT	White	250	N/A	0.750 (19.0) - 1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)
2LSZH-2000-2-WT	White	100	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)
2LSZH-2000-2-WT-S	White	50	N/A	1.000 (25.4) - 1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	.038 (1.0) ± .003 (0.07)	2.000 (50.8)

PermaSleeve® Wire Markers

B-7642 PermaSleeve® HX Polyolefin Wire Marking Sleeves

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

These heat-shrinkable wire marking sleeves have an operating temperature of -40°F to 248°F (-40°C to 120°C).

Meets specifications:

- SAE-AS-23053/5 Class 1 and 3
- SAE-AS-81531
- RoHS compliant

Tested per:

- ASTM E162
- ASTM E662
- MIL-STD-202



3" Core Materials

PermaSleeves

Create Your B-7642 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

Example catalog number:

2HX - 187 - 2 - WT - S - 4

Product	Diameter	Width	Color	Roll Qty	Pieces
2HX	187	2	WT	S	4
				Optional	

Create your own:

Product	Diameter	Width	Color	Roll Qty	Pieces
				Optional	

Printer Compatibility

BradyPrinter i7100
PR Plus Printer
BBP®72 Double Sided Printer

Ribbon Series

R4300, R6000,
R6400, R6600

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

STEP 2: Diameter

094	=	3/32"	0.047" - 0.080" dia.	24 to 20 gauge
125	=	1/8"	0.062" - 0.110" dia.	20 to 16 gauge
187	=	3/16"	0.094" - 0.151" dia.	16 to 10 gauge
250	=	1/4"	0.125" - 0.215" dia.	12 to 8 gauge
375	=	3/8"	0.188" - 0.320" dia.	8 to 4 gauge
500	=	1/2"	0.250" - 0.450" dia.	6 to 1 gauge
750	=	3/4"	0.375" - 0.700" dia.	2 to 4/0 gauge
1000	=	1"	0.450" - 0.950" dia.	2/0 to 0.950" dia.
1500	=	1-1/2"	0.750" - 1.400" dia.	n/a
2000	=	2"	1.000" - 1.900" dia.	n/a

STEP 3: Sleeve Width

150	=	1-1/2" sleeve width
2	=	2" sleeve width
3	=	3" sleeve width (only available in 1000, 1500 and 2000 dia. parts)

STEP 4: Color

Standard Colors	Special Order Colors			
WT = White	YL = Yellow	BL = Blue	OR = Orange	GY = Gray
	BK = Black	GR = Green	RD = Red	VT = Violet

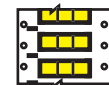
STEP 5: Roll Size (optional)

For standard quantity, leave blank. For small quantity, enter "S". For jumbo quantity, enter "J".

If sleeve dia. is 094-187	Standard = 2,500	Small (S) = 500	Jumbo (J) = 10,000
If sleeve dia. is 250	Standard = 1,000	Small (S) = 250	Jumbo (J) = 7,500
If sleeve dia. is 375	Standard = 1,000	Small (S) = 250	Jumbo (J) = 2,500
If sleeve dia. is 500	Standard = 500	Small (S) = 250	Jumbo (J) = 2,500
If sleeve dia. is 750-1000	Standard = 250	Small (S) = 100	Jumbo (J) = 2,500
If sleeve dia. is 1500	Standard = 250	Small (S) = 100	Jumbo (J) = 1,000
If sleeve dia. is 2000	Standard = 100	Small (S) = 50	Jumbo (J) = 1,000

STEP 6: Pieces Per Sleeve (optional)

- 1 marker per sleeve is standard, if desired, the sleeve can be slit 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



Example: "3" slit



B-7642 HX PermaSleeve Wire Markers:

Use the table below to browse standard white sleeves or build your own on page 210.

1.5" Sleeve Width, Single-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R4300, R6000, R6400, R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
HX-094-150-WT-S	White	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-094-150-WT	White	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-094-150-WT-J	White	10,000	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-125-150-WT-S	White	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-125-150-WT	White	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-125-150-WT-J	White	10,000	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-187-150-WT-S	White	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-187-150-WT	White	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-187-150-WT-J	White	10,000	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	1.500 (38.1)
HX-250-150-WT-S	White	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-250-150-WT	White	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-250-150-WT-J	White	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-375-150-WT-S	White	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-375-150-WT	White	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-375-150-WT-J	White	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-500-150-WT-S	White	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-500-150-WT	White	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-500-150-WT-J	White	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	1.500 (38.1)
HX-750-150-WT-S	White	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)
HX-750-150-WT	White	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)
HX-750-150-WT-J	White	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	1.500 (38.1)
HX-1000-150-WT-S	White	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)
HX-1000-150-WT	White	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)
HX-1000-150-WT-J	White	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	1.500 (38.1)
HX-1500-150-WT-S	White	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)
HX-1500-150-WT	White	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)
HX-1500-150-WT-J	White	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	1.500 (38.1)
HX-2000-150-WT-S	White	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)
HX-2000-150-WT	White	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)
HX-2000-150-WT-J	White	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	1.500 (38.1)

PermaSleeve® Wire Markers

B-7642 HX PermaSleeve Wire Markers:

Use the tables below to browse standard white sleeves or build your own on page 210.

2" Sleeve Width, Single-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R4300, R6000, R6400, R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
HX-094-2-WT-S	White	500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-094-2-WT	White	2,500	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-094-2-WT-J	White	10,000	24 to 20	0.047 (1.2)	0.080 (2.0)	0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-125-2-WT-S	White	500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-125-2-WT	White	2,500	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-125-2-WT-J	White	10,000	20 to 16	0.062 (1.6)	0.110 (2.8)	0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-187-2-WT-S	White	500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-187-2-WT	White	2,500	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-187-2-WT-J	White	10,000	16 to 10	0.094 (2.4)	0.151 (3.8)	0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2.000 (50.8)
HX-250-2-WT-S	White	250	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-250-2-WT	White	1,000	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-250-2-WT-J	White	7,500	12 to 8	0.125 (3.2)	0.215 (5.5)	0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-375-2-WT-S	White	250	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-375-2-WT	White	1,000	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-375-2-WT-J	White	2,500	8 to 4	0.188 (4.8)	0.320 (8.1)	0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-500-2-WT-S	White	250	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-500-2-WT	White	500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-500-2-WT-J	White	2,500	6 to 1	0.250 (6.4)	0.450 (11.4)	0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2.000 (50.8)
HX-750-2-WT-S	White	100	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)
HX-750-2-WT	White	250	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)
HX-750-2-WT-J	White	2,500	2 to 4/0	0.375 (9.5)	0.700 (17.8)	0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2.000 (50.8)
HX-1000-2-WT-S	White	100	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)
HX-1000-2-WT	White	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)
HX-1000-2-WT-J	White	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2.000 (50.8)
HX-1500-2-WT-S	White	100	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)
HX-1500-2-WT	White	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)
HX-1500-2-WT-J	White	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2.000 (50.8)
HX-2000-2-WT-S	White	50	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)
HX-2000-2-WT	White	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)
HX-2000-2-WT-J	White	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2.000 (50.8)

3" Sleeve Width, Single-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R4300, R6000, R6400, R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
HX-1000-3-WT	White	250	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)
HX-1000-3-WT-J	White	2,500	2/0 to 0.950" dia.	0.450 (11.4)	0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	3.000 (76.2)
HX-1500-3-WT	White	250	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)
HX-1500-3-WT-J	White	1,000	N/A	0.750 (19.0)	1.400 (35.6)	1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	3.000 (76.2)
HX-2000-3-WT	White	100	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)
HX-2000-3-WT-J	White	1,000	N/A	1.000 (25.4)	1.900 (48.3)	2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	3.000 (76.2)

3" Core Materials

Permasleeves

PermaSleeve® Wire Markers



B-7642 HX PermaSleeve Wire Markers:

Use the table below to browse standard white sleeves or build your own on page 210.

2" Sleeve Width, Double-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R4300, R6000, R6400, R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
2HX-094-2-WT-S	White	500	24 to 20	0.047 (1.2) - 0.080 (2.0)		0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-094-2-WT	White	2,500	24 to 20	0.047 (1.2) - 0.080 (2.0)		0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-094-2-WT-J	White	10,000	24 to 20	0.047 (1.2) - 0.080 (2.0)		0.094 (2.4)	0.047 (1.2)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-125-2-WT-S	White	500	20 to 16	0.062 (1.6) - 0.110 (2.8)		0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-125-2-WT	White	2,500	20 to 16	0.062 (1.6) - 0.110 (2.8)		0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-125-2-WT-J	White	10,000	20 to 16	0.062 (1.6) - 0.110 (2.8)		0.125 (3.2)	0.063 (1.6)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-187-2-WT-S	White	500	16 to 10	0.094 (2.4) - 0.151 (3.8)		0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-187-2-WT	White	2,500	16 to 10	0.094 (2.4) - 0.151 (3.8)		0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-187-2-WT-J	White	10,000	16 to 10	0.094 (2.4) - 0.151 (3.8)		0.187 (4.8)	0.094 (2.4)	0.020 (0.5) ± 0.003 (0.07)	2,000 (50.8)
2HX-250-2-WT-S	White	250	12 to 8	0.125 (3.2) - 0.215 (5.5)		0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-250-2-WT	White	1,000	12 to 8	0.125 (3.2) - 0.215 (5.5)		0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-250-2-WT-J	White	7,500	12 to 8	0.125 (3.2) - 0.215 (5.5)		0.250 (6.4)	0.126 (3.2)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-375-2-WT-S	White	250	8 to 4	0.188 (4.8) - 0.320 (8.1)		0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-375-2-WT	White	1,000	8 to 4	0.188 (4.8) - 0.320 (8.1)		0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-375-2-WT-J	White	2,500	8 to 4	0.188 (4.8) - 0.320 (8.1)		0.375 (9.5)	0.189 (4.8)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-500-2-WT-S	White	250	6 to 1	0.250 (6.4) - 0.450 (11.4)		0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-500-2-WT	White	500	6 to 1	0.250 (6.4) - 0.450 (11.4)		0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-500-2-WT-J	White	2,500	6 to 1	0.250 (6.4) - 0.450 (11.4)		0.500 (12.7)	0.252 (6.4)	0.025 (0.6) ± 0.003 (0.07)	2,000 (50.8)
2HX-750-2-WT-S	White	100	2 to 4/0	0.375 (9.5) - 0.700 (17.8)		0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2,000 (50.8)
2HX-750-2-WT	White	250	2 to 4/0	0.375 (9.5) - 0.700 (17.8)		0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2,000 (50.8)
2HX-750-2-WT-J	White	2,500	2 to 4/0	0.375 (9.5) - 0.700 (17.8)		0.750 (19.0)	0.374 (9.5)	0.030 (0.8) ± 0.003 (0.07)	2,000 (50.8)
2HX-1000-2-WT-S	White	100	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)		1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2,000 (50.8)
2HX-1000-2-WT	White	250	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)		1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2,000 (50.8)
2HX-1000-2-WT-J	White	2,500	2/0 to 0.950" dia.	0.450 (11.4) - 0.950 (24.1)		1.000 (25.4)	0.500 (12.7)	0.035 (0.9) ± 0.005 (0.1)	2,000 (50.8)
2HX-1500-2-WT-S	White	100	N/A	0.750 (19.0) - 1.400 (35.6)		1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2,000 (50.8)
2HX-1500-2-WT	White	250	N/A	0.750 (19.0) - 1.400 (35.6)		1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2,000 (50.8)
2HX-1500-2-WT-J	White	1,000	N/A	0.750 (19.0) - 1.400 (35.6)		1.500 (38.1)	0.752 (19.1)	0.040 (1.0) ± 0.006 (0.2)	2,000 (50.8)
2HX-2000-2-WT-S	White	50	N/A	1.000 (25.4) - 1.900 (48.3)		2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2,000 (50.8)
2HX-2000-2-WT	White	100	N/A	1.000 (25.4) - 1.900 (48.3)		2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2,000 (50.8)
2HX-2000-2-WT-J	White	1,000	N/A	1.000 (25.4) - 1.900 (48.3)		2.000 (50.8)	1.000 (25.4)	0.045 (1.1) ± 0.007 (0.2)	2,000 (50.8)

3" Core Materials

PermaSleeves

PermaSleeve® Wire Markers

B-7646 PermaSleeve® DR Diesel Resistant Polyolefin Wire Marking Sleeves

Brady 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 PermaSleeve markers have been developed for wire and cable identification in applications that have exposure to organic fluids, common fuels, lubricants and solvents for extended periods of time and at high temperatures.

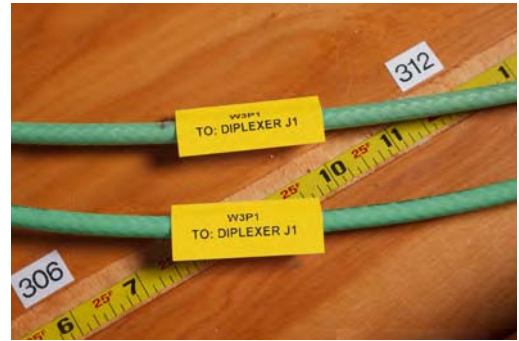
These heat-shrinkable wire marking sleeves have an operating temperature of -55°F to 135°F (-48°C to 57°C).

Meets specifications:

- SAE-AS-81531

Tested per:

- MIL-STD-202 method 215k
- NF F 00-608 Type A and H



3" Core Materials

PermaSleeves

Create Your B-7646 PermaSleeve:

Use these steps to create a sleeve specific to your needs.

Example catalog number:

DR - 187 - 2 - WT - **S - 4**
 Product Diameter Width Color Roll Qty Pieces
 Optional

Create your own:

Product - Diameter - Width - Color - Roll Qty - Pieces
 Optional

Printer Compatibility

BradyPrinter i7100
 PR Plus Printer
 BBP®72 Double Sided Printer

Ribbon Series

R2000, R4300, R4502S,
 R5000, R6600, R6700

STEP 1: Product Type DR = Double Sided Printing

STEP 2: Diameter

125	=	1/8"	0.062" - 0.110" dia.	20 to 16 gauge
187	=	3/16"	0.094" - 0.151" dia.	16 to 10 gauge
250	=	1/4"	0.125" - 0.215" dia.	12 to 8 gauge
375	=	3/8"	0.188" - 0.320" dia.	8 to 4 gauge
500	=	1/2"	0.250" - 0.450" dia.	6 to 1 gauge

STEP 3: Sleeve Width 2 = 2" sleeve width

STEP 4: Color Standard Color
 YL = Yellow

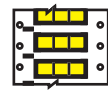
STEP 5: Roll Size *Only available in standard quantity, leave blank.*

If sleeve diameter is 125-250	Standard = 2,500
If sleeve diameter is 375	Standard = 1,000
If sleeve diameter is 500	Standard = 500

STEP 6: Pieces Per Sleeve (optional) *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

Example: "3" slit



* ⚠️ **WARNING:** Cancer www.P65Warnings.ca.gov

▶ B-7646 DR PermaSleeve Wire Markers:

Use the table below to browse standard yellow sleeves or build your own on page 214.

2" Sleeve Width, Double-sided Printable

Compatible Printers: i7100, PR+, BBP72

Recommended Ribbons: R6600

Catalog #	Color	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)
				Min.	Max.				
* DR-125-2-YL	Yellow	2500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	2.000 (50.8)
* DR-125-2-YL-2	Yellow	5000	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1.000 (25.4)
* DR-125-2-YL-3	Yellow	7500	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	0.500(12.7)
* DR-125-2-YL-4	Yellow	10000	22 to 16	0.046 (1.2)	0.110 (2.8)	0.125 (3.2)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	0.250 (6.4)
* DR-187-2-YL	Yellow	2500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	2.000 (50.8)
* DR-187-2-YL-2	Yellow	5000	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1.000 (25.4)
* DR-187-2-YL-3	Yellow	7500	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	0.500(12.7)
* DR-187-2-YL-4	Yellow	10000	20 to 10	0.062 (1.6)	0.150 (3.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	0.250 (6.4)
* DR-250-2-YL	Yellow	2500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* DR-250-2-YL-2	Yellow	5000	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1.000 (25.4)
* DR-250-2-YL-3	Yellow	7500	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	0.500(12.7)
* DR-250-2-YL-4	Yellow	10000	16 to 8	0.094 (2.4)	0.215 (5.5)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	0.250 (6.4)
* DR-375-2-YL	Yellow	1000	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* DR-375-2-YL-2	Yellow	2000	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.000 (25.4)
* DR-375-2-YL-3	Yellow	3000	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	0.500(12.7)
* DR-375-2-YL-4	Yellow	4000	12 to 4	0.125 (3.2)	0.320 (8.13)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	0.250 (6.4)
* DR-500-2-YL	Yellow	500	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	2.000 (50.8)
* DR-500-2-YL-2	Yellow	1000	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1.000 (25.4)
* DR-500-2-YL-3	Yellow	1500	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	0.500(12.7)
* DR-500-2-YL-4	Yellow	2000	8 to 1	0.187 (4.8)	0.450 (11.4)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	0.250 (6.4)

* ⚠ **WARNING:** Cancer www.P65Warnings.ca.gov

3" Core Materials

Custom Sleeve Options Available

Brady offers custom options for many of the materials in this catalog. Our dedicated, experienced custom quoting team can provide pricing for your unique label needs.



PermaSleeves