

## 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.

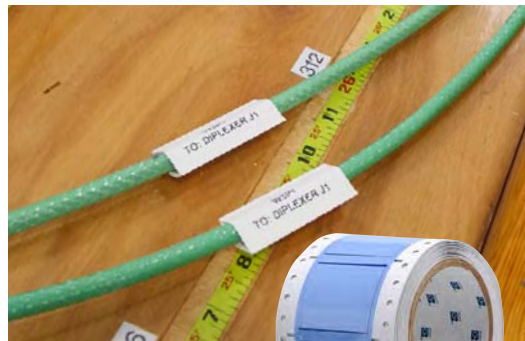
These fade-resistant and flame-retardant sleeves have an operating temperature of -67°F to 275°F (-55°C to 130°C).

### 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

<b>STEP 1: Product Type</b>	<b>PS</b> = Single Sided Printing
	<b>3PS</b> = Double Sided Printing

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

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

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

<b>STEP 5: Roll Qty. (optional)</b>	<i>For standard quantity, leave blank. For small quantity, enter "S".</i>		
	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

<b>STEP 6: Pieces Per Sleeve (optional)</b>	<i>1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces.</i>	
	<b>2</b> = Sleeve is slit to create 2 pieces	<p>Example: "3" slit</p>
	<b>3</b> = Sleeve is slit to create 3 pieces	
	<b>4</b> = Sleeve is slit to create 4 pieces	

\* ⚠ **WARNING:** Cancer [www.P65Warnings.ca.gov](http://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)

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

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				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)	2.00" (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)	2.00" (50.8)

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