

## PermaSleeve<sup>®</sup> FR Fluid Resistant Wire Marking Sleeves (B-344)

3:1 heat-shrinkable wire marking sleeves fit snugly around wires for identification and protection and offer greater resistance to harsh chemicals such as fuels, lubricants and cleaning solvents.  
Temp Range: -67°F to 275°F (-55°C to 135°C)

### Meets specifications:

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

### Tested per:

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

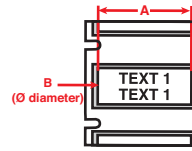


Figure 44



Diagram	Catalog #	Color	Approx. Wire Gauge	For Wire Diameters Inch (mm) Min. Max.	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeves Per Row	Sleeves Per Roll	Rec. Ribbon
<b>3:1 Shrink ratio single-side printable, 1" sleeve width (dimension A):</b>										
Fig. 44	* BM71-094-1-344	White	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.023 (0.6)	.024 (0.6) ± .003 (0.07)	1	2,500	M71-R6600
Fig. 44	* M71-094-1-344	White	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.023 (0.6)	.024 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* M71-125-1-344	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.046 (1.2)	.020 (0.5) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-125-1-344	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.046 (1.2)	.020 (0.5) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* BM71-187-1-344	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.8)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-187-1-344	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.8)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-250-1-344	White	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.1)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-250-1-344	White	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.1)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-375-1-344	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-375-1-344	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* M71-500-1-344	White	8 to 1	0.166 (4.2) - 0.450 (11.4)	0.500 (12.7)	0.166 (4.2)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-500-1-344	White	8 to 1	0.166 (4.2) - 0.450 (11.4)	0.500 (12.7)	0.166 (4.2)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-750-1-344	White	8 to 1	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.4)	.036 (0.9) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-094-1-344YL	Yellow	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.023 (0.6)	.024 (0.6) ± .003 (0.07)	1	2,500	M71-R6600
Fig. 44	* M71-094-1-344YL	Yellow	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.023 (0.6)	.024 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* M71-125-1-344YL	Yellow	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.046 (1.2)	.020 (0.5) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-125-1-344YL	Yellow	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.046 (1.2)	.020 (0.5) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-187-1-344YL	Yellow	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.8)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-187-1-344YL	Yellow	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.8)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-250-1-344YL	Yellow	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.1)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-250-1-344YL	Yellow	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.1)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-375-1-344YL	Yellow	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-500-1-344YL	Yellow	8 to 1	0.166 (4.2) - 0.450 (11.4)	0.500 (12.7)	0.166 (4.2)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-500-1-344YL	Yellow	8 to 1	0.166 (4.2) - 0.450 (11.4)	0.500 (12.7)	0.166 (4.2)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-750-1-344YL	Yellow	8 to 1	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.4)	.036 (0.9) ± .003 (0.07)	1	100	M71-R6600
<b>3:1 Shrink ratio single-side printable, 1.75" sleeve width (dimension A):</b>										
Fig. 44	* M71-094-175-344	White	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.023 (0.6)	.024 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-94-175-344	White	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.023 (0.6)	.024 (0.6) ± .003 (0.07)	1	2,500	M71-R6600
Fig. 44	* M71-125-175-344	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.046 (1.2)	.020 (0.5) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-125-175-344	White	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.046 (1.2)	.020 (0.5) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-187-175-344	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.8)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-187-175-344	White	20 to 10	0.062 (1.6) - 0.150 (3.8)	0.187 (4.8)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-250-175-344	White	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.1)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-250-175-344	White	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.1)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-375-175-344	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-375-175-344	White	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-500-175-344	White	8 to 1	0.166 (4.2) - 0.450 (11.4)	0.500 (12.7)	0.166 (4.2)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-500-175-344	White	8 to 1	0.166 (4.2) - 0.450 (11.4)	0.500 (12.7)	0.166 (4.2)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
Fig. 44	* M71-750-175-344	White	8 to 1	0.250 (6.4) - 0.700 (17.8)	0.750 (19.1)	0.250 (6.4)	.036 (0.9) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* M71-094-175-344YL	Yellow	28 to 20	0.023 (0.6) - 0.080 (2.0)	0.094 (2.4)	0.023 (0.6)	.024 (0.6) ± .003 (0.07)	1	100	M71-R6600
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Fig. 44	* M71-125-175-344YL	Yellow	22 to 16	0.046 (1.2) - 0.110 (2.8)	0.125 (3.2)	0.046 (1.2)	.020 (0.5) ± .003 (0.07)	1	100	M71-R6600
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Fig. 44	* M71-250-175-344YL	Yellow	16 to 8	0.083 (2.1) - 0.215 (5.5)	0.250 (6.4)	0.083 (2.1)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
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Fig. 44	* M71-375-175-344YL	Yellow	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	.025 (0.6) ± .003 (0.07)	1	100	M71-R6600
Fig. 44	* BM71-375-175-344YL	Yellow	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.2)	.025 (0.6) ± .003 (0.07)	1	1,000	M71-R6600
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\* **WARNING:** Cancer [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)