

BMP®71 Label Materials

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BMP®71 Wire & Cable Materials: PermaSleeve® Wire Marking Sleeves

B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves

3:1 heat shrinkable sleeve fits snugly around wire for identification and protection. Fade resistant and flame retardant. Meets the following material and physical property specifications.

- SAE-AMS-DTL-23053/5C (Class 1)
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant
- UL Recognized
- Tested per: ASTM E162 and ASTM E662

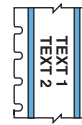


Figure 58

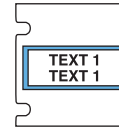


Figure 44



Diagram	Catalog #	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Dia. Inch (mm)	Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves									
Fig. 44	M71-94-1-342	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-94-1-342YL	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-94-175-342	2500	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)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-94-175-342YL	2500	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-94-175-342	100	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-94-175-342YL	100	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)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-125-342	1 Roll (cont.)	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)	0.235 (6.0)	M71-R4300
Fig. 44	BM71-125-1-342	1000	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-125-1-342	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-125-1-342YL	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-125-175-342	1000	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)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-125-175-342YL	1000	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-125-175-342	100	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-125-175-342YL	100	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)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-187-342	1 Roll (cont.)	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)	0.335 (8.5)	M71-R4300
Fig. 44	BM71-187-1-342	1000	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)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-187-1-342YL	1000	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-187-1-342	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-187-1-342YL	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-187-175-342	1000	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)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-187-175-342YL	1000	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-187-175-342	100	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-187-175-342YL	100	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)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-250-342	1 Roll (cont.)	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)	0.439 (11.2)	M71-R4300
Fig. 44	BM71-250-1-342	1000	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-250-1-342	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-250-1-342YL	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-250-175-342	1000	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)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-250-175-342YL	1000	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-250-175-342	100	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-250-175-342YL	100	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)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-375-342	1 Roll (cont.)	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	0.645 (16.4)	M71-R4300
Fig. 44	BM71-375-1-342	1000	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-375-1-342	100	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	M71-375-1-342YL	100	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-375-175-342	1000	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-375-175-342	100	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 44	M71-375-175-342YL	100	12 to 4	0.125 (3.2) - 0.320 (8.1)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1.765 (44.8)	M71-R4300
Fig. 58	BM71C-500-342	1 Roll (cont.)	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)	0.851 (21.6)	M71-R4300
Fig. 44	BM71-500-1-342	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)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-500-1-342YL	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-500-1-342	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-500-1-342YL	100	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)	1.015 (25.8)	M71-R4300
Fig. 44	BM71-500-175-342	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)	1.765 (44.8)	M71-R4300
Fig. 44	BM71-500-175-342YL	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-500-175-342	100	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-500-175-342YL	100	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-1-342	50	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)	1.015 (25.8)	M71-R4300
Fig. 44	M71-1000-1-342YL	50	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)	1.015 (25.8)	M71-R4300
Fig. 58	BM71C-1000-342	1 Roll (cont.)	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)	1.660 (42.2)	M71-R4300
Fig. 44	BM71-1000-175-342	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-175-342	50	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)	1.765 (44.8)	M71-R4300
Fig. 44	M71-1000-175-342YL	50	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)	1.765 (44.8)	M71-R4300

* Approx. wire gauge based on AWG for THHN wire.

See all BMP®71 Print Ribbon parts on page 297.