

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)
- RoHS Compliant
- SAE-AS-81531
- UL Recognized
- MIL-STD-202
- **Tested per:** ASTM E162 and ASTM E662

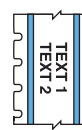


Figure 58

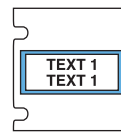


Figure 44

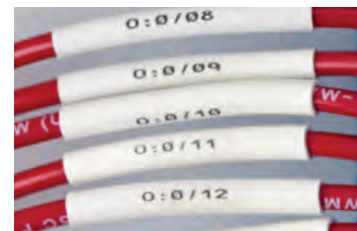


Diagram	Catalog #	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Dia. Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
				Min.	Max					
B-342 PermaSleeve® PS Polyolefin Wire Marking Sleeves										
Fig. 44	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*	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	BM71-187-1-342YL*	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

* "B" indicates bulk roll.

Approx. wire gauge based on AWG for THHN wire.