

# TLS2200® Materials

BradyID.com/tls2200

## PermaSleeve® PS Polyolefin Wire Marking Sleeves (B-342)

Single-sided, 3:1 shrink ratio, 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)
- MIL-STD-202
- SAE-AS-81531
- RoHS Compliant
- UL Recognized
- Tested per:
  - ASTM E162
  - ASTM E662

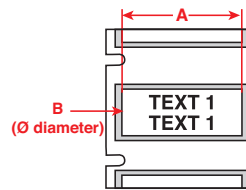


Figure 44



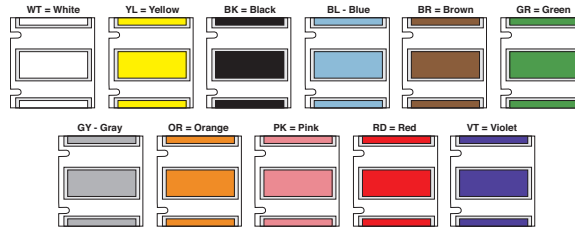
Portable Printers

### \*Additional PermaSleeve Colors:

You may also choose to order your sleeves in the colors listed below. To order, replace the singular asterisk (\*) with the abbreviation of the desired color.

Example: PSPT-187-175-\* becomes PSPT-187-175-YL

**Available colors:** WT=White, YL=Yellow, BK=Black, BL=Blue, BR=Brown, GR=Green, GY=Gray, OR=Orange, PK=Pink, RD=Red, VT=Violet



Fits Printer Models	Part Number	Approx. Wire Gauge	Range of Wire Diameter Inch (mm) Min. Max.	Sleeve Width A Inch (mm)	Supplied Diameter B Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeves Per Row	Sleeves Per Roll	Rec. Ribbon
TLS, BMP71*	PSPT-094-1-WT	28 to 20	0.023 (0.6) - 0.080 (2.0)	1.015 (25.8)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-094-1-*	28 to 20	0.023 (0.6) - 0.080 (2.0)	1.015 (25.8)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-094-175-WT	28 to 20	0.023 (0.6) - 0.080 (2.0)	1.765 (44.8)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-094-175-*	28 to 20	0.023 (0.6) - 0.080 (2.0)	1.765 (44.8)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	BM71-094-1-WT	28 to 20	0.023 (0.6) - 0.080 (2.0)	1.015 (25.8)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1	2500	R4310
TLS, BMP71*	BM71-094-175-WT	28 to 20	0.023 (0.6) - 0.080 (2.0)	1.765 (44.8)	0.094 (2.4)	0.024 (0.6)	.024 (0.6) ± .003 (0.07)	1	2500	R4310
TLS, BMP71*	PSPT-125-1-WT	22 to 16	0.046 (1.2) - 0.110 (2.8)	1.015 (25.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-125-1-*	22 to 16	0.046 (1.2) - 0.110 (2.8)	1.015 (25.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-125-175-WT	22 to 16	0.046 (1.2) - 0.110 (2.8)	1.765 (44.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-125-175-*	22 to 16	0.046 (1.2) - 0.110 (2.8)	1.765 (44.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	BM71-125-1-WT	22 to 16	0.046 (1.2) - 0.110 (2.8)	1.015 (25.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	BM71-125-175-WT	22 to 16	0.046 (1.2) - 0.110 (2.8)	1.765 (44.8)	0.125 (3.2)	0.047 (1.2)	.020 (0.5) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	PSPT-187-1-WT	20 to 10	0.062 (1.6) - 0.150 (3.8)	1.015 (25.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-187-1-*	20 to 10	0.062 (1.6) - 0.150 (3.8)	1.015 (25.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-187-175-WT	20 to 10	0.062 (1.6) - 0.150 (3.8)	1.765 (44.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-187-175-*	20 to 10	0.062 (1.6) - 0.150 (3.8)	1.765 (44.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	BM71-187-1-WT	20 to 10	0.062 (1.6) - 0.150 (3.8)	1.015 (25.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	BM71-187-175-WT	20 to 10	0.062 (1.6) - 0.150 (3.8)	1.765 (44.8)	0.187 (4.7)	0.062 (1.6)	.020 (0.5) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	PSPT-250-1-WT	16 to 8	0.094 (2.4) - 0.215 (5.5)	1.015 (25.8)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-250-1-*	16 to 8	0.094 (2.4) - 0.215 (5.5)	1.015 (25.8)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-250-175-WT	16 to 8	0.094 (2.4) - 0.215 (5.5)	1.765 (44.8)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-250-175-*	16 to 8	0.094 (2.4) - 0.215 (5.5)	1.765 (44.8)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	BM71-250-1-WT	16 to 8	0.094 (2.4) - 0.215 (5.5)	1.015 (25.8)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	BM71-250-175-WT	16 to 8	0.094 (2.4) - 0.215 (5.5)	1.765 (44.8)	0.250 (6.4)	0.093 (2.4)	.025 (0.6) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	PSPT-375-1-WT	12 to 4	0.125 (3.2) - 0.320 (8.13)	1.015 (25.8)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-375-1-*	12 to 4	0.125 (3.2) - 0.320 (8.13)	1.015 (25.8)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-375-175-WT	12 to 4	0.125 (3.2) - 0.320 (8.13)	1.765 (44.8)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-375-175-*	12 to 4	0.125 (3.2) - 0.320 (8.13)	1.765 (44.8)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	BM71-375-1-WT	12 to 4	0.125 (3.2) - 0.320 (8.13)	1.015 (25.8)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	BM71-375-175-WT	12 to 4	0.125 (3.2) - 0.320 (8.13)	1.765 (44.8)	0.375 (9.5)	0.125 (3.1)	.025 (0.6) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	PSPT-500-1-WT	8 to 1	0.187 (4.8) - 0.450 (11.4)	1.015 (25.8)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-500-1-*	8 to 1	0.187 (4.8) - 0.450 (11.4)	1.015 (25.8)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-500-175-WT	8 to 1	0.187 (4.8) - 0.450 (11.4)	1.765 (44.8)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	PSPT-500-175-*	8 to 1	0.187 (4.8) - 0.450 (11.4)	1.765 (44.8)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1	100	R4310
TLS, BMP71*	BM71-500-1-WT	8 to 1	0.187 (4.8) - 0.450 (11.4)	1.015 (25.8)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	BM71-500-175-WT	8 to 1	0.187 (4.8) - 0.450 (11.4)	1.765 (44.8)	0.500 (12.7)	0.187 (4.7)	.025 (0.6) ± .003 (0.07)	1	1000	R4310
TLS, BMP71*	PSPT-1000-1-WT	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.015 (25.8)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1	50	R4310
TLS, BMP71*	PSPT-1000-1-*	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.015 (25.8)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1	50	R4310
TLS, BMP71*	PSPT-1000-175-WT	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.765 (44.8)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1	50	R4310
TLS, BMP71*	PSPT-1000-175-*	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.765 (44.8)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1	50	R4310
TLS, BMP71*	BM71-1000-175-WT	2 to 0.950 dia.	0.333 (8.5) - 0.950 (24.1)	1.765 (44.8)	1.000 (25.4)	0.375 (9.5)	.036 (0.9) ± .003 (0.07)	1	500	R4310

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

See all TLS2200® and PC Link™ Ribbon parts on page 323.

\* Yellow media adaptor required for use in the BMP®71 printer. See page 324.

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