

# TLS 2200® PermaSleeve Wire Markers

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## B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves

2:1 (3/32" is 3:1) heat shrinkable wire marking sleeve specifically designed for high temperature and low vacuum outgassing applications. These heat shrinkable wire marking sleeves are made from irradiated high temperature PVDF and have an operating temperature of -55°C to +225°C (-67°F to +437°F). These heat shrinkable wire marking sleeves meet the following industry specifications



- NASA SP-R-0022A Outgassing Performance
- SAE-AS-81531
- MIL-STD-202
- RoHS Compliant

### Tested per:

- SAE-AMS-DTL-23053/18, Class 2
- ASTM E162, ASTM E662

Performance Attributes:

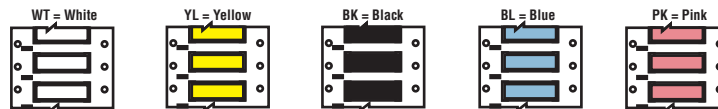
Part Number	Sleeves Per Roll	Approx. Wire Gauge	Range of Wire Diameter Inch (mm)		Supplied Diameter Inch (mm)	Recovered Diameter Inch (mm)	Recovered Wall Thickness Inch (mm)	Sleeve Width Inch (mm)	Rec. Ribbon
			Min.	Max.					
PSHT-094-1-WT	100	26 to 20	0.031 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-094-175-WT	100	26 to 20	0.031 (0.6)	- 0.080 (2.0)	0.094 (2.4)	0.031 (0.8)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-125-1-WT	100	20 to 16	0.063 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-125-175-WT	100	20 to 16	0.063 (1.2)	- 0.110 (2.8)	0.125 (3.2)	0.062 (1.6)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-187-1-WT	100	16 to 10	0.094 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-187-175-WT	100	16 to 10	0.094 (1.6)	- 0.150 (3.8)	0.187 (4.7)	0.093 (2.4)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-250-1-WT	100	12 to 8	0.125 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-250-175-WT	100	12 to 8	0.125 (2.4)	- 0.215 (5.5)	0.250 (6.4)	0.125 (3.2)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-375-1-WT	100	8 to 4	0.187 (3.2)	- 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-375-175-WT	100	8 to 4	0.187 (3.2)	- 0.320 (8.1)	0.375 (9.5)	0.187 (4.7)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-500-1-WT	100	6 to 1	0.250 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-500-175-WT	100	6 to 1	0.250 (4.8)	- 0.450 (11.4)	0.500 (12.7)	0.250 (6.4)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-750-1-WT	100	2 to 4/0	0.375 (6.6)	- 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	1.015 (25.8)	R6010/R6610
PSHT-750-175-WT	100	2 to 4/0	0.375 (6.6)	- 0.700 (17.8)	0.750 (19.0)	0.375 (9.5)	0.015 (0.4) ± 0.003 (0.07)	1.765 (44.8)	R6010/R6610
PSHT-1000-1-WT	50	2/0 to 0.950 dia.	0.450 (11.4)	- 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	1.015 (25.8)	R6010/R6610
PSHT-1000-175-WT	50	2/0 to 0.950 dia.	0.450 (11.4)	- 0.950 (24.1)	1.000 (25.4)	0.500 (12.7)	0.017 (0.4) ± 0.004 (0.1)	1.765 (44.8)	R6010/R6610

### \*Choose Your PermaSleeve Color:

You may also choose to order your sleeves in the custom colors listed below. Simply replace "WT" with the abbreviation of the desired color.  
Example: PSHT-187-175-WT becomes PSHT-187-175-YL

Available custom colors: WT=White YL=Yellow BK=Black BL=Blue PK=Pink

\*Note: R6010 and R6610 are black ribbons for non-black surfaces. For black sleeves, R6810 and R4410-WT white ribbons should be used.

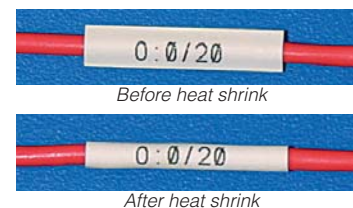


## Wire Marking Sleeve Heat Gun



**Sleeve Heat Gun**  
Part Number: PMS-HG-1

The Brady Heat Gun provides fast, even shrinkage of PermaSleeve wire marking sleeves. Deflector shield evenly distributes forced air heat (minimum temperature 500°F (260°C) around sleeves of up to 3/4" diameter for uniform shrinkage. Sturdy base with rubber pad allows hands-off operation.



Approx. wire gauge based on AWG for THHN wire.