

PermaSleeve® Wire Marking Sleeves

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

B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves are a 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).

Meet these 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:



Permasleeve Catalog Numbers:

Follow the steps below to assemble the B-345 PermaSleeve® HT Wire Marking Sleeve catalog number that meets your needs or view all available catalog number on the following pages.

Example catalog number:

2HT - 187 - 2 - WT - S - 4
 Product Diameter Width Color Roll Size Pieces
 Optional*

Create your own:

____ - ____ - ____ - ____ - ____ - ____
 Product Diameter Width Color Roll Size Pieces

Available options for B-345 PermaSleeve® HT Wire Marking Sleeves:

| | |
|---|---|
| Step 1: Choose Product Type Offered in Double Sided Product Format 3HT = 3:1 Shrink Ratio, 3/32" only, B-345 2HT = 2:1 Shrink Ratio, 1/8" through 1 1/2", B-345 | Step 4: Choose Your Color Note: White is standard. All other colors are custom order. WT = White BL = Blue YL = Yellow BK = Black PK = Pink |
| Step 2: Choose Diameter 094 = 3/32" size fits wire diameter 0.031" - 0.080" and approx. wire gauge 26 to 20 125 = 1/8" size fits wire diameter 0.063" - 0.110" and approx. wire gauge 20 to 16 187 = 3/16" size fits wire diameter 0.094" - 0.150" and approx. wire gauge 16 to 10 250 = 1/4" size fits wire diameter 0.125" - 0.215" and approx. wire gauge 12 to 8 375 = 3/8" size fits wire diameter 0.187" - 0.320" and approx. wire gauge 8 to 4 500 = 1/2" size fits wire diameter 0.250" - 0.450" and approx. wire gauge 6 to 1 750 = 3/4" size fits wire diameter 0.375" - 0.700" and approx. wire gauge 2 to 4/0 1000 = 1" size fits wire diameter 0.450" - 0.950" and approx. wire gauge 2/0 to 0.950 dia. 1500 = 1 1/2" size fits wire diameter 0.750" - 1.400", and wire gauge not applicable | Step 5: Choose Roll Size Note: Small size is standard. If sleeve diameter is 094-250: Standard Small Size ("S") = 500 If sleeve diameter is 375-500: Standard Small Size ("S") = 250 If sleeve diameter is 750-1500: Standard Small Size ("S") = 100 |
| Step 3: Choose Sleeve Width 2 = 2" | Step 6 (optional): Choose Pieces Per Sleeve While 1 marker per sleeve is standard, if desired, the sleeve can be split into multiple pieces. Insert number of pieces into "Pieces" blank. Example: 2HT-187-2-WT-S-4 This "4" means this 2.000" sleeve is slit into four 0.500" pieces Available options: 2, 3, or 4 pieces. |
| Recommended Ribbon Series: R6000, R6600, and R6800 (with black sleeves) Series Recommended Printer Series: Bradyprinter™ PR Plus Printer, Brady IP™ Printer, BBP®72 Double Sided Printer Software Compatibility: LabelMark™ Labeling Software, CodeSoft™ 9 Labeling Software | |

PermaSleeve® Wire Marking Sleeves

B-345 PermaSleeve® Double-Sided High Temperature PVDF Wire Marking Sleeves:

Use the table below to browse all available double-sided printing, 2" width B-345 PermaSleeve® HT High Temperature PVDF Wire Marking Sleeves or build your own catalog number on page 188.

Double-Sided Printable, 2" Sleeve Width

| Catalog # | Color | 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. Printer | Rec. Ribbon |
|-------------------|-------|------------------|--------------------|----------------------------------|--------------|-----------------------------|------------------------------|------------------------------------|------------------------|--------------------|--------------|
| | | | | Min. | Max. | | | | | | |
| 3HT-094-2-WT-S | White | 500 | 26 to 20 | 0.031 (0.8) | 0.080 (2.0) | 0.094 (2.4) | 0.031 (0.8) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 3HT-094-2-WT-S** | White | 500 | 26 to 20 | 0.031 (0.8) | 0.080 (2.0) | 0.094 (2.4) | 0.031 (0.8) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-125-2-WT-S | White | 500 | 20 to 16 | 0.063 (1.6) | 0.110 (2.8) | 0.125 (3.2) | 0.062 (1.6) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-125-2-WT-S** | White | 500 | 20 to 16 | 0.063 (1.6) | 0.110 (2.8) | 0.125 (3.2) | 0.062 (1.6) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-187-2-WT-S | White | 500 | 16 to 10 | 0.094 (2.4) | 0.150 (3.8) | 0.187 (4.7) | 0.093 (2.4) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-187-2-WT-S** | White | 500 | 16 to 10 | 0.094 (2.4) | 0.150 (3.8) | 0.187 (4.7) | 0.093 (2.4) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-250-2-WT-S | White | 500 | 12 to 8 | 0.125 (3.2) | 0.215 (5.5) | 0.250 (6.4) | 0.125 (3.2) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-250-2-WT-S** | White | 500 | 12 to 8 | 0.125 (3.2) | 0.215 (5.5) | 0.250 (6.4) | 0.125 (3.2) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-375-2-WT-S | White | 250 | 8 to 4 | 0.187 (4.7) | 0.320 (8.1) | 0.375 (9.5) | 0.187 (4.7) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-375-2-WT-S** | White | 250 | 8 to 4 | 0.187 (4.7) | 0.320 (8.1) | 0.375 (9.5) | 0.187 (4.7) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-500-2-WT-S | White | 250 | 6 to 1 | 0.250 (6.4) | 0.450 (11.4) | 0.500 (12.7) | 0.250 (6.4) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-500-2-WT-S** | White | 250 | 6 to 1 | 0.250 (6.4) | 0.450 (11.4) | 0.500 (12.7) | 0.250 (6.4) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-750-2-WT-S | White | 100 | 2 to 4/0 | 0.375 (9.5) | 0.700 (17.8) | 0.750 (19.0) | 0.375 (9.5) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-750-2-WT-S** | White | 100 | 2 to 4/0 | 0.375 (9.5) | 0.700 (17.8) | 0.750 (19.0) | 0.375 (9.5) | 0.015 (0.4) ± 0.003 (0.07) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-1000-2-WT-S | White | 100 | 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) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-1000-2-WT-S** | White | 100 | 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) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-1500-2-WT-S | White | 100 | N/A | 0.750 (19.1) | 1.400 (35.6) | 1.500 (38.1) | 0.750 (19.1) | 0.024 (0.6) ± 0.004 (0.1) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |
| 2HT-1500-2-WT-S** | White | 100 | N/A | 0.750 (19.1) | 1.400 (35.6) | 1.500 (38.1) | 0.750 (19.1) | 0.024 (0.6) ± 0.004 (0.1) | 2.000 (50.8) | PR Plus, BBP72, IP | R6002/ R6602 |

*Choosing Your PermaSleeve Color

While white is a standard color, additional colored sleeves are available as custom parts as well. Simply replace "WT" with the abbreviation of the desired color to order.

Example: 2HT-094-2-WT-S becomes 2HT-094-2-YL-S

Available Colors: (Contact Brady Customer Service for availability)

WT = White BL = Blue YL = Yellow
BK = Black PK = Pink

** Choosing Your PermaSleeve Pieces (optional):

While 1 or 2 markers per sleeve is standard, you may also choose to have each sleeve slit multiple times to produce multiple pieces. Simply replace the double asterisks (**) in the catalog number to fill in your desired pieces per marker.

Example: 2HT-187-2-WT-S** becomes 2HT-187-2-WT-S-4
This "4" means that this 2.000" sleeve is slit into four 0.500" pieces.

Standard Options:

1 or 2 markers per sleeve

Other Available Slit Options:

3 or 4 markers per sleeve
(Contact Brady Customer Service for availability)

