



HPS High Performance Sleeve 2:1 Shrink Ratio



Standards:

- Meets NSA 937201MR and MT specifications.

Product Overview:

Very flexible, highly flame retardant, 2:1 shrink ratio, heat-shrinkable tubing. Flexible polyolefin sleeves used for wire identification and insulation purposes. Markers are supplied roll form in a flattened format on a carrier designed for use with Sumitag™ thermal transfer printers.

Product Features:

- Print on liner feature for process efficiency.
- Perforated liner fan folds for quick marker referencing.
- Ladder design provides kitting capability.
- Flame-retarded, self-extinguishing.
- Perforation after every sleeve allows for easy sorting.
- RoHS Compliant.
- 1/2", 1" and 2" lengths available.
- Colors—white and yellow as standard. Other colors available.

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Technical Specifications:

Recommended Printer & Ribbon:

Sumitag™ Printer	STP-300 BB, SS & DS
Ribbon	SM3 Super Ribbon

Print Performance:

Adherence: SAE-AS5942
 Fluid Resistance: MIL-STD-202, Method 215J
 Store in original packaging
 Recommended temp. at +10°C to 25°C 45-55% R.H.
 Use within 3 years from date of manufacture

Property	Value
Continuous Operating Temperature	-55°C to +135°C
Shrink Temperature for Full Recovery	+90°C
Longitudinal Change	+5% Max
Tensile Strength	10.3 MPa Min
Elongation at Break	200% Min
Secant Modulus	173 MPa Max

Nominal Ø Sup. Inches	Nominal Ø Rec. Inches	Sleeve Length Inches	Markers Across	Markers Per Box	Order Code
3/32	0.046	1/2	4	4,000	HPS-3/32-2.0-S3-WE-2X
3/32	0.046	1	2	2,000	HPS-3/32-2.0-S1-WE-2X
3/32	0.046	2	1	1,000	HPS-3/32-2.0-WE-2X
1/8	0.062	1/2	4	4,000	HPS-1/8-2.0-S3-WE-2X
1/8	0.062	1	2	2,000	HPS-1/8-2.0-S1-WE-2X
1/8	0.062	2	1	1,000	HPS-1/8-2.0-WE-2X
3/16	0.093	1/2	4	4,000	HPS-3/16-2.0-S3-WE-2X
3/16	0.093	1	2	2,000	HPS-3/16-2.0-S1-WE-2X
3/16	0.093	2	1	1,000	HPS-3/16-2.0-WE-2X
1/4	0.125	1/2	4	4,000	HPS-1/4-2.0-S3-WE-2X
1/4	0.125	1	2	2,000	HPS-1/4-2.0-S1-WE-2X
1/4	0.125	2	1	1,000	HPS-1/4-2.0-WE-2X
3/8	0.187	1/2	4	2,000	HPS-3/8-2.0-S3-WE-2X
3/8	0.187	1	2	1,000	HPS-3/8-2.0-S1-WE-2X
3/8	0.187	2	1	500	HPS-3/8-2.0-WE-2X
1/2	0.250	1/2	4	2,000	HPS-1/2-2.0-S3-WE-2X
1/2	0.250	1	2	1,000	HPS-1/2-2.0-S1-WE-2X
1/2	0.250	2	1	500	HPS-1/2-2.0-WE-2X
3/4	0.375	1/2	4	2,000	HPS-3/4-2.0-S3-WE-2X
3/4	0.375	1	2	1,000	HPS-3/4-2.0-S1-WE-2X
3/4	0.375	2	1	500	HPS--3/4-2.0-WE-2X
1	0.500	1	2	600	HPS-1-2.0-S1-WE-2X
1	0.500	2	1	300	HPS-1-2.0-WE-2X
1.5	0.75	2	1	100	HPS-1-2.0-WE-2X