

HPS Printable Heatshrink Sleeve 3:1



Military Specification Heatshrink Sleeves 3:1

Product Data

Application Method - Shrink on

Very flexible, high temperature rated, highly flame retardant, UL and CSA recognised heat shrinkable tubing (3:1 shrink ratio). 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 both dot matrix and transfer thermal printers.

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- Flame Retardant
- Self Extinguishing
- Meets NSA 937201 Specification
- Print onto Paper Liner for QA
- Easy Pick Application
- Backwards compatible for most printers
- Perforation after every sleeve for easy sorting
- Print performance to Military Specifications
- 12.5mm, 25mm & 50mm Lengths
- Colours - White & Yellow



APPROVALS & STANDARDS

Certified and issued to:
 SAE-AMS-DTL-23053/5
 UL224 VW-1 Flammability
 NSA 937201MR
 NSA 937201MT

Business Management Accreditations



PROPERTY	VALUE
Continuous Operating Temperature	-55°C to +135°C
Elongation After Heat Ageing (175°C x 168h)	100% Min.
Heat Shock (250°C x 4h)	Pass no crack, flowing or dripping
Min. Shrink Temp. for full Recovery	+90°C
Longitudinal Change	+5% to -15% Max.
Tensile Strength	10.3 MPa Min.
Elongation at Break	200% Min.
Secant Modulus	173 MPa Max.
Flammability	60 sec Max. UL 224 vW1
Voltage Rating	600V

SEI Identification Solutions Ltd, t : +44 (0) 1843 865241
 Pysons Road Industrial Estate f : +44 (0) 1843 867180
 Broadstairs Kent CT10 2LQ UK e : info@siegrist-orel.com

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Nominal Diameter Supplied (ID)	Nominal Diameter Recovered	Sleeve Length	Markers Across	Markers/Box	Order Code	
					White	Yellow
2.4	0.8	12.5	4	4,000	HPS-024-125-WE-S-3X	HPS-024-125-YW-S-3X
2.4	0.8	25	2	2,000	HPS-024-250-WE-S-3X	HPS-024-250-YW-S-3X
2.4	0.8	50	1	1,000	HPS-024-500-WE-S-3X	HPS-024-500-YW-S-3X
3.2	1.10	12.5	4	4,000	HPS-032-125-WE-S-3X	HPS-032-125-YW-S-3X
3.2	1.10	25	2	2,000	HPS-032-250-WE-S-3X	HPS-032-250-YW-S-3X
3.2	1.10	50	1	1,000	HPS-032-500-WE-S-3X	HPS-032-500-YW-S-3X
4.8	1.6	12.5	4	4,000	HPS-048-125-WE-S-3X	HPS-048-125-YW-S-3X
4.8	1.6	25	2	2,000	HPS-048-250-WE-S-3X	HPS-048-250-YW-S-3X
4.8	1.6	50	1	1,000	HPS-048-500-WE-S-3X	HPS-048-500-YW-S-3X
6.4	2.10	12.5	4	4,000	HPS-064-125-WE-S-3X	HPS-064-125-YW-S-3X
6.4	2.10	25	2	2,000	HPS-064-250-WE-S-3X	HPS-064-250-YW-S-3X
6.4	2.10	50	1	1,000	HPS-064-500-WE-S-3X	HPS-064-500-YW-S-3X
9.5	3.2	12.5	4	2,000	HPS-095-125-WE-S-3X	HPS-095-125-YW-S-3X
9.5	3.2	25	2	1,000	HPS-095-250-WE-S-3X	HPS-095-250-YW-S-3X
9.5	3.2	50	1	500	HPS-095-500-WE-S-3X	HPS-095-500-YW-S-3X
12.7	4.2	12.5	4	2,000	HPS-127-125-WE-S-3X	HPS-127-125-YW-S-3X
12.7	4.2	25	2	1,000	HPS-127-250-WE-S-3X	HPS-127-250-YW-S-3X
12.7	4.2	50	1	500	HPS-127-500-WE-S-3X	HPS-127-500-YW-S-3X
18.0	6.4	12.5	4	2,000	HPS-180-125-WE-S-3X	HPS-180-125-YW-S-3X
18.0	6.4	25	2	1,000	HPS-180-250-WE-S-3X	HPS-180-250-YW-S-3X
18.0	6.4	50	1	500	HPS-180-500-WE-S-3X	HPS-180-500-YW-S-3X
25.4	8.5	12.5	4	1,200	HPS-254-125-WE-S-3X	HPS-254-125-YW-S-3X
25.4	8.5	25	2	600	HPS-254-250-WE-S-3X	HPS-254-250-YW-S-3X
25.4	8.5	50	1	300	HPS-254-500-WE-S-3X	HPS-254-500-YW-S-3X
38.1	19.1	50	1	100	HPS-381-500-WE-S-3X	HPS-381-500-YW-S-3X

Additional Information

Recommended Printer: -

Single Sided SumiTag Printer STP-A4+-300Z-S-NC-S

Double Sided SumiTag Printer STP-XD4-300-S-NC-S

Ribbon: -

2020 Series Black

173 Series White

Print Performance: -

Adherence: SAE-AS5942

Fluid Resistance: MIL202 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

NOTE: HPS-180 series does not dimensionally

conform to SAE DTL 23053/5A

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