



AMS

Military Identification Sleeves

Description: AMS marker sleeves are designed to meet the wire and cable permanent marking needs. It is made of durable and flame retardant heat shrinkable polyolefin, and radiation cross-linked by high energy electronic beam.

Standard: AMS meets AMS-DTL-23053/5 Class 1&3, SAE-AS 81531, MIL-STD-202F/Method 215J, UL224, VW-1, RoHS.

Features

Material	The sleeving shall be fabricated from irradiated, thermally stabilized and flame retarded modified polyolefin compound
Application range	Military industry; Aerospace & defense; Marine;
Operating temperature range	-55~+135℃
Minimum recovery temperature	+135℃
Maximum storage temperature	+50℃
Shrink ratio	2:1, 3:1
Color	White, Yellow, other color is available if ordered
Printing mode	Single sided printing and Double sided printing formats available
Supplied mode	Either Continuous type or Ladder format type is available
Recommended Printers	Either Thermal transfer printer or Laser printer is OK.
Recommended Ribbons	WO-80500BK resin ribbon, Black

Dimensions

Shrink ratio-2X

Part Number	As Supplied (mm)			After Recovery(mm)	
	ID (D)	Flatten Width (W)	Double Wall Thickness	ID (d)	Single Wall Thickness
AMS-M-2X-1.6-	2.00 ± 0.20	3.7 ± 0.3	0.48 ± 0.10	≤ 0.79	0.45 ± 0.06
AMS-M-2X-2.4-	2.79 ± 0.20	5.0 ± 0.3	0.48 ± 0.10	≤ 1.18	0.49 ± 0.06
AMS-M-2X-3.2-	3.64 ± 0.23	6.3 ± 0.4	0.48 ± 0.10	≤ 1.59	0.51 ± 0.06
AMS-M-2X-4.8-	5.26 ± 0.25	8.9 ± 0.4	0.49 ± 0.10	≤ 2.36	0.54 ± 0.06
AMS-M-2X-6.4-	6.92 ± 0.28	11.5 ± 0.4	0.50 ± 0.10	≤ 3.18	0.56 ± 0.06
AMS-M-2X-9.5-	10.2 ± 0.32	16.7 ± 0.5	0.51 ± 0.11	≤ 4.75	0.59 ± 0.06
AMS-M-2X-12.7-	13.5 ± 0.36	21.8 ± 0.6	0.52 ± 0.11	≤ 6.35	0.60 ± 0.07
AMS-M-2X-19-	20.1 ± 0.40	32.2 ± 0.6	0.53 ± 0.11	≤ 9.53	0.62 ± 0.07
AMS-M-2X-25-	26.7 ± 0.45	42.5 ± 0.7	0.55 ± 0.12	≤ 12.7	0.63 ± 0.07
AMS-M-2X-38-	39.8 ± 0.51	63.2 ± 0.8	0.57 ± 0.12	≤ 19.1	0.64 ± 0.07
AMS-M-2X-51-	53.0 ± 0.56	83.9 ± 0.9	0.58 ± 0.13	≤ 25.4	0.64 ± 0.08
AMS-M-2X-76-	79.4 ± 0.56	125.3 ± 1.0	0.59 ± 0.13	≤ 38.1	0.64 ± 0.09

Shrink ratio-3X

Part Number	As Supplied (mm)			After Recovery(mm)	
	ID (D)	Flatten Width (W)	Double Wall Thickness	ID (d)	Single Wall Thickness
AMS-M-3X-1.6-	2.00 ± 0.20	3.7 ± 0.3	0.47 ± 0.10	≤ 0.53	0.52 ± 0.06
AMS-M-3X-2.4-	2.79 ± 0.20	5.0 ± 0.3	0.47 ± 0.10	≤ 0.79	0.57 ± 0.06
AMS-M-3X-3.2-	3.64 ± 0.23	6.3 ± 0.4	0.48 ± 0.10	≤ 1.06	0.61 ± 0.06
AMS-M-3X-4.8-	5.26 ± 0.25	8.9 ± 0.4	0.49 ± 0.10	≤ 1.59	0.67 ± 0.06
AMS-M-3X-6.4-	6.92 ± 0.28	11.5 ± 0.4	0.50 ± 0.10	≤ 2.13	0.71 ± 0.06
AMS-M-3X-9.5-	10.2 ± 0.32	16.7 ± 0.5	0.52 ± 0.11	≤ 3.18	0.77 ± 0.06
AMS-M-3X-12.7-	13.5 ± 0.36	21.8 ± 0.6	0.53 ± 0.11	≤ 4.23	0.80 ± 0.07
AMS-M-3X-19-	20.1 ± 0.40	32.2 ± 0.6	0.55 ± 0.11	≤ 6.35	0.84 ± 0.07
AMS-M-3X-25-	26.7 ± 0.45	42.5 ± 0.7	0.565 ± 0.12	≤ 8.47	0.86 ± 0.07
AMS-M-3X-38-	39.8 ± 0.51	63.2 ± 0.8	0.57 ± 0.12	≤ 12.9	0.89 ± 0.07
AMS-M-3X-51-	53.0 ± 0.56	83.9 ± 0.9	0.57 ± 0.12	≤ 17.2	0.90 ± 0.08
AMS-M-3X-76-	79.4 ± 0.56	125.3 ± 1.0	0.57 ± 0.13	≤ 25.8	0.92 ± 0.09

Package information

Ordering Size (AMS-M-2X/3X)	Ladder Format Type	Continuous Type	
	A&B-Small Box Packing (PCS/Box)	A-Paper reel Packing (m/reel)	B-Plastic reel Packing (m/reel)
Φ 1.6	2500	50	25
Φ 2.4	2500	50	25
Φ 3.2	2000	100	25
Φ 4.8	2000	100	25
Φ 6.4	2000	100	25
Φ 9.5	1000	100	25
Φ 12.7	1000	100	25
Φ 19	500	100	25
Φ 25	500	100	25
Φ 38	500	50	25
Φ 51	250	50	25
Φ 76	250	50	25

Part Numbering System

AMS-M-3X-4.8-50-2.0K-Y 0 P2 W

- Package: W for WOLABLE painting package. O for OEM package
- Printing: P0/P1/P2 for printing/single-side printing/ double-side printing
- Dash line: 0/1/2/3.....for not need/one line/two-line/three-line.....
- Color: Y for yellow, W for white and ten colors are available
- Standard pack: 2.5K/2K/1.5K/1K/0.5K/0.25K/for 2500/...../500 and 250 pieces
- Sleeve length: nominal length is 50mm(the total length is 56.5mm)
- Expanded ID: as supplid,nominal inside diameter
- Expansion ratio: 2X/3X refers to 2:1or 3:1
- Standard wall thickness
- Product family:AMS refer to AMS-DTL-23053/6

