J. M. Engineering Co.

Heat Shrink Sleeves

Identification Labels

Visit Us
Manhar Bldg., 3rd Floor, 177,
Lohar Chawl, Mumbai –
400002, Maharashtra (INDIA)

Email Us
info@jmenggco.in

Call Us
T: +91-22-2206 1671
F: +91-22-2209 0291

B Identification Products

For Wire & Cable

A comprehensive line of heat shrinkable sleeves,labels,tie-on cable markers to meet a broad range of needs including UL,CSA and Mil-Spec requirements,for a variety of Applications. WOER's identification sleeves are Heat shrinkable marking sleeves for wire and cable identification.Made from permanent,flame retarded,radiation crosslinked heat shrinkable polyolefin.This identification sleeves are permanent immediately after printing and remain legible even when exposed to abrasion,aggressive cleaning solvents.

CONTENTS

Part No.	Item	Pages
AMS	Military Identification Sleeves	B01
RSFR	Heat Shrink Identification Sleeves	B03
PSFR	High-temperature,Heat Shrinkable Identification Sleeves	B06
HMS	Diesel Resistant Identification Sleeves	B08
HNF	Halogen Free Low Smoke Low hazard Identification Sleeves	B10
PUR	Identification Tags	B12
RSFR/AMS/HMS/HNF	Identification Tags “Ladder Type” Thermal transfer	B14
WO-80500BK	Ribbon Data Sheet	B16
SOFTWARE	WOLABEL-1/3 Software for Wire Marker and Label Printing	B18

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

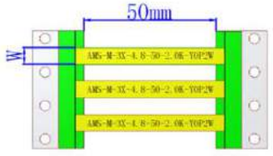
Package information

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)
Φ1.6	2500	50	25
Φ2.4	2500	50	25
Φ3.2	2000	100	25
Φ4.8	2000	100	25
Φ6.4	2000	100	25
Φ9.5	1000	100	25
Φ12.7	1000	100	25
Φ19	500	100	25
Φ25	500	100	25
Φ38	500	50	25
Φ51	250	50	25
Φ76	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-23053/5



RSFR

Heat Shrinkable Identification Sleeves

Description: RSFR marker sleeve is a flattened, heat-shrinkable tubing intended for wire and cable harness identification. It can also be used for applications where limited fire hazard characteristics are necessary. When RSFR is printed with Woer recommended printers and ink ribbons, the marks remain legible, durable, even when exposed to abrasion, aggressive cleaning solvents, and industrial fluids.

Standard: SAE-AS 81531, MIL-STD-202F/Method 215J, UL224 RoHS

Features

Material	The sleeving shall be fabricated from irradiated, thermally stabilized and flame retarded modified polyolefin compound containing no halogens or cadmium in the formulation.
Application range	commercial Industrial environment
Operating temperature range	-55~+125
Minimum recovery temperature	+125
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	Thermal transfer printer
Recommended Ribbons	N85 resin ribbon, Black, 100mm(width)*300m(length)