



**Dimensions**

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

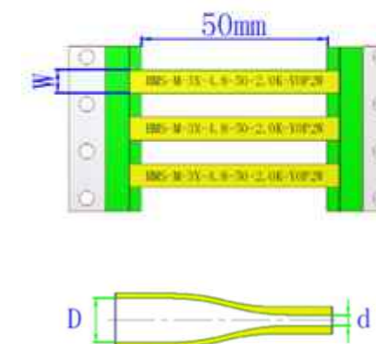
**Package Information**

Ordering Size (HMS-M-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)
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

**Part Numbering System**

HMS-M-3X-4.8-50-2.0K-Y0 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 2:1 or 3:1
- Standard wall thickness
- Product family: HMS refer to AMS-DTL-23053/6



Color code	BL	Br	R	Or	Y	G	Blu	V	Gr	W
Color	Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White

Note: Yellow and white are standard, other color is available if ordered.

**HMS**

**Diesel Resistant Identification Sleeves**

**Description:** HMS marker sleeves are used to identify wires and cables where exposure to organic fluids, especially diesel oils, for long period of high of temperatures.

**Standard :** HMS meets AMS-DTL-23053/6 Class 1, NF F 00608 Categories A&H, SAE-AS 81531, MIL-STD-202F/Method 215J, RoHS etc

**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°C
Minimum recovery temperature	+135°C
Maximum storage temperature	+50°C
Shrink ratio	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	N85 resin ribbon, Black, 100mm(width)*300m(length)