

BH-HNF

Low smoke, halogen free and flame retardant heat shrink identification marker sleeve

Features/Applications:

BH-HNF low smoke, halogen free and flame retardant heat shrink identification marker sleeve is a flattened, heat-shrinkable tubing designed for wire and cable harness identification. It can also be used for applications where limited fire hazard characteristics are necessary. The zero halogen material coupled with low smoke and low toxic fume emissions make this product perfectly used in enclosed spaces such as mass transit, marine and industrial installations

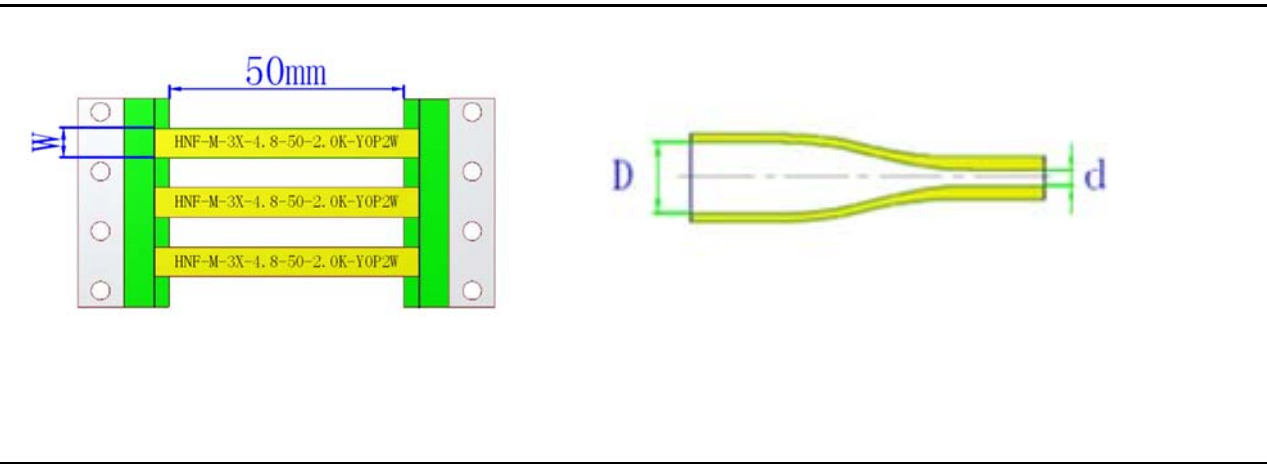
- High reliability, permanent identification;
- Heat sensitive, swift shrinking;
- Computerized printing, fonts at your disposal;
- Meets: NF F16-101, SAE-AS 81531, MIL-STD-202F/Method 215J, RoHS etc.



Technical Data

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	Industrial environment ; Rail & mass transit; Aerospace & defense; Marine;
Operating temperature range	-40---+125℃
Minimum recovery temperature	+85℃
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	WO-80500BK resin ribbon, Black, 100mm(width)*300m(length)

Product Dimensions (mm/inch)



BH-HNF Shrink ratio-2X

Part Number	As Supplied (mm)			After Recovery(mm)	
	ID(D)	Flatten Width(w)	Double Wall Thickness	ID(d)	Single Wall Thickness
BH-HNF-M-2X-1.6-50-2.5K-Y0P0O	2.00±0.20	3.7±0.3	0.48±0.10	≤0.79	0.45±0.06
BH-HNF-M-2X-2.4-50-2.5K-Y0P0O	2.79±0.20	5.0±0.3	0.48±0.10	≤1.18	0.49±0.06
BH-HNF-M-2X-3.2-50-2.0K-Y0P0O	3.64±0.23	6.3±0.4	0.48±0.10	≤1.59	0.51±0.06
BH-HNF-M-2X-4.8-50-2.0K-Y0P0O	5.26±0.25	8.9±0.4	0.49±0.10	≤2.36	0.54±0.06
BH-HNF-M-2X-6.4-50-1.5K-Y0P0O	6.92±0.28	11.5±0.4	0.50±0.10	≤3.18	0.56±0.06
BH-HNF-M-2X-9.5-50-1.0K-Y0P0O	10.2±0.32	16.7±0.5	0.51±0.11	≤4.75	0.59±0.06
BH-HNF-M-2X-12.7-50-1.0K-Y0P0O	13.5±0.36	21.8±0.6	0.52±0.11	≤6.35	0.60±0.07
BH-HNF-M-2X-19-50-0.5K-Y0P0O	20.1±0.40	32.2±0.6	0.53±0.11	≤9.53	0.62±0.07
BH-HNF-M-2X-25-50-0.5K-Y0P0O	26.7±0.45	42.5±0.7	0.55±0.12	≤12.7	0.63±0.07
BH-HNF-M-2X-38-50-0.5K-Y0P0O	39.8±0.51	63.2±0.8	0.57±0.12	≤19.1	0.64±0.07
BH-HNF-M-2X-51-50-0.25K-Y0P0O	53.0±0.56	83.9±0.9	0.58±0.13	≤25.4	0.64±0.08
BH-HNF-M-2X-76-50-0.25K-Y0P0O	79.4±0.56	125.3±1.0	0.59±0.13	≤38.1	0.64±0.09

BH-HNF Shrink ratio-3X

Part Number	As Supplied (mm)			After Recovery(mm)	
	ID(D)	Flatten Width(w)	Double Wall Thickness	ID(d)	Single Wall Thickness
BH-HNF-M-3X-1.6-50-2.5K-Y0P0O	2.00±0.20	3.7±0.3	0.47±0.10	≤0.53	0.52±0.06
BH-HNF-M-3X-2.4-50-2.5K-Y0P0O	2.79±0.20	5.0±0.3	0.47±0.10	≤0.79	0.57±0.06
BH-HNF-M-3X-3.2-50-2.0K-Y0P0O	3.64±0.23	6.3±0.4	0.48±0.10	≤1.06	0.61±0.06
BH-HNF-M-3X-4.8-50-2.0K-Y0P0O	5.26±0.25	8.9±0.4	0.49±0.10	≤1.59	0.67±0.06
BH-HNF-M-3X-6.4-50-1.5K-Y0P0O	6.92±0.28	11.5±0.4	0.50±0.10	≤2.36	0.71±0.06
BH-HNF-M-3X-9.5-50-1.0K-Y0P0O	10.2±0.32	16.7±0.5	0.52±0.11	≤3.18	0.77±0.06
BH-HNF-M-3X-12.7-50-1.0K-Y0P0O	13.5±0.36	21.8±0.6	0.53±0.11	≤4.75	0.80±0.07
BH-HNF-M-3X-19-50-0.5K-Y0P0O	20.1±0.40	32.2±0.6	0.55±0.11	≤6.35	0.84±0.07
BH-HNF-M-3X-25-50-0.5K-Y0P0O	26.7±0.45	42.5±0.7	0.56±0.12	≤8.47	0.86±0.07
BH-HNF-M-3X-38-50-0.5K-Y0P0O	39.8±0.51	63.2±0.8	0.57±0.12	≤12.9	0.89±0.07
BH-HNF-M-3X-51-50-0.25K-Y0P0O	53.0±0.56	83.9±0.9	0.57±0.13	≤17.2	0.90±0.08
BH-HNF-M-3X-76-50-0.25K-Y0P0O	79.4±0.56	125.3±1.0	0.57±0.13	≤25.8	0.92±0.09

Package information

Ordering Size (BH-HNF-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	—

Part Number System:

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

- Package : W for the standard painting package. O for OEM package.
- Printing : P0/P1/P2 for no 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 supplied ,nominal inside diameter.
- Expansion ratio:2X/3X refers to 2:1 or 3:1.
- Standard wall thickness.
- Product family:HMS refers 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.