

## BH-AMS

### Military Standard, High Temperature Resistant, Oil Resistant, Heat Shrink Identification Marker Sleeves

#### Features/Applications:

Military standard, high temperature, oil resistant, heat shrink identification sleeve is made of cross-linked environmentally friendly polyolefin bombarded by high power electron beam with electronic accelerators to meet high end markets where highly reliable cable & wire identification is required. Vol Military standard, high temperature, oil resistant, heat shrink identification sleeve meets American military standard AMS-DTL-23053/6 with 2:1 and 3:1 shrink ratio available on your request. Vol Military standard high temperature oil resistant heat shrink identification sleeve boasts excellent oil resistance and is very ideal for identifying cables and wires working in high temperature HC oil conditions, e.g JP-8 military purpose aviation kerosene. This product finds extensive applications in defence industries like aerospace, high speed rail, submarine, large vessels and architectural industry.

The printing fonts carry excellent rub resistance, abrasion resistance, even if washing agent or military purpose fuel oil corrosion happens, but the color code soundness still meets American military standard SAE-AS 8153 and MIL-STD-202F/215J.

The choice of heat transfer printers and laser plotter controlled by computers depends on the DPI (dot per inch), printing speed and effect you require and the cost affordable to you.

Identification marker sleeves are generally flattened with poriferous precision holder on both sides and a two-layer thin film to be cartridge- belt shape so that the printing process could be more automatic and precise in high speed.

- Resistant to high temperature fuel oil, lubricating oil and other organic solvents, 70°C×168h
- High temperature resistant, rated temperature, 135°C
- Highly flame retardant, VW-1
- ROHS compliant
- High reliability, permanent identification
- Heat sensitive, swift shrinking
- Computerized printing, fonts at your disposal
- Meets: AMS-DTL-23053/6  
NF F 00-608
- Color Code Soundness: SAE-AS 81531, MIL-STD-202F/215J

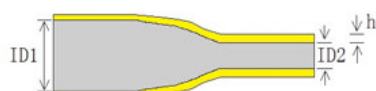
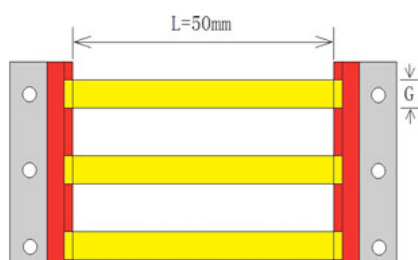
#### Rated temperature:

Continuous operating temperature: -55°C~+135°C/-67°F~+275°F

Min. shrink temperature: +120°C/+248°F

Full recovery temperature: +150°C~+200°C/+302°F~+392°F

Max. storage and transportation temperature.: ≤+50°C/+122°F



## Technical Data



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	+85°C
Maximum storage temperature	+50°C
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, 100mm(width)*300m(length)

## Product Dimensions (mm/inch)



### BH-AMS Shrink ratio-2X:

Part Number	As Supplied (mm)			After Recovery(mm)	
	ID(D)	Flatten Width(W2)	Double Wall Thickness	ID(d)	Single Wall Thickness
AMS-2X-1.6-	2.00±0.20	3.7±0.3	0.48±0.10	≤0.79	0.45±0.06
AMS-2X-2.4-	2.79±0.20	5.0±0.3	0.48±0.10	≤1.18	0.49±0.06
AMS-2X-3.2-	3.64±0.23	6.3±0.4	0.48±0.10	≤1.59	0.51±0.06
AMS-2X-4.8-	5.26±0.25	8.9±0.4	0.49±0.10	≤2.36	0.54±0.06
AMS-2X-6.4-	6.92±0.28	11.5±0.4	0.50±0.10	≤3.18	0.56±0.06
AMS-2X-9.5-	10.2±0.32	16.7±0.5	0.51±0.11	≤4.75	0.59±0.06
AMS-2X-12.7-	13.5±0.36	21.8±0.6	0.52±0.11	≤6.35	0.60±0.07
AMS-2X-19-	20.1±0.40	32.2±0.6	0.53±0.11	≤9.53	0.62±0.07
AMS-2X-25-	26.7±0.45	42.5±0.7	0.55±0.12	≤12.7	0.63±0.07
AMS-2X-38-	39.8±0.51	63.2±0.8	0.57±0.12	≤19.1	0.64±0.07
AMS-2X-51-	53.0±0.56	83.9±0.9	0.58±0.13	≤25.4	0.64±0.08
AMS-2X-76-	79.4±0.56	125.3±1.0	0.59±0.13	≤38.1	0.64±0.09

### BH-AMS Shrink ratio-3X:

Part Number	As Supplied (mm)			After Recovery(mm)	
	ID(D)	Flatten Width(W2)	Double Wall Thickness	ID(d)	Single Wall Thickness
AMS-3X-1.6-	2.00±0.20	3.7±0.3	0.47±0.10	≤0.53	0.52±0.06
AMS- 3X-2.4-	2.79±0.20	5.0±0.3	0.47±0.10	≤0.79	0.57±0.06
AMS -3X-3.2-	3.64±0.23	6.3±0.4	0.48±0.10	≤1.06	0.61±0.06
AMS- 3X-4.8-	5.26±0.25	8.9±0.4	0.49±0.10	≤1.59	0.67±0.06
AMS- 3X-6.4-	6.92±0.28	11.5±0.4	0.50±0.10	≤2.36	0.71±0.06
AMS- 3X-9.5-	10.2±0.32	16.7±0.5	0.52±0.11	≤3.18	0.77±0.06
AMS- 3X-12.7-	13.5±0.36	21.8±0.6	0.53±0.11	≤4.75	0.80±0.07

AMS-3X-19-	20.1±0.40	32.2±0.6	0.55±0.11	≤6.35	0.84±0.07
AMS- 3X-25-	26.7±0.45	42.5±0.7	0.56±0.12	≤8.47	0.86±0.07
AMS- 3X-38-	39.8±0.51	63.2±0.8	0.57±0.12	≤12.9	0.89±0.07
AMS- 3X-51-	53.0±0.56	83.9±0.9	0.57±0.13	≤17.2	0.90±0.08
AMS- 3X-76-	79.4±0.56	125.3±1.0	0.57±0.13	≤25.8	0.92±0.09