

BH-DIN

Halogen-free, Low Smoke Emission, Highly Flame Retardant Heat Shrink Marker Sleeve

Features/Applications:

Halogen free low smoke emission highly flame retardant heat shrink identification marker sleeve is made of environmentally friendly cross-linked polyolefin heat shrinkable materials bomarded with high energy electron beam to meet the special identifying requirement of high speed rail, communication, precision instruments, automobile, shipbuilding, spacecraft, aircraft and nuclear island etc.

- Halogen free low smoke emission materials, designed ideally for motor train unit, rail transit, aerospace, and shipbuilding industries
- Standard temperature resistance, rated temperature 125°C
- ROHS compliant; meets SONY SS-00259
- Color Code Soundness: SAE-AS 81531, MIL-STD-202G/215K
- Raw material Standards: ASTM D 2671/DIN5510-2
- Computerized lettering or fonts at your disposal
- High reliability, permanent identification
- Heat sensitive, swift shrinking process
- Standard color: 10 standard color can be customized



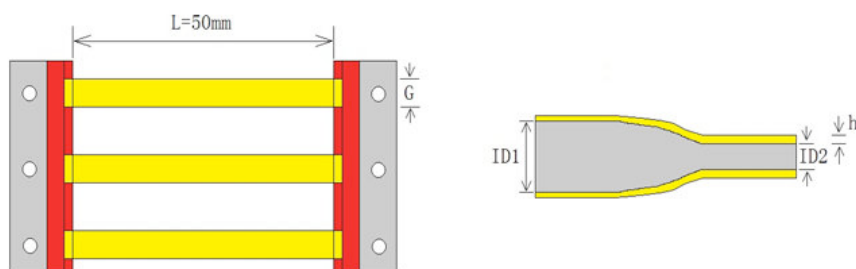
Rated temperature:

Continuous operating temperature: -55°C~+125°C/-67°C~+257°C

Min. Shrink temperature: +85°C/+185°C

Full recovery temperature: +115°C~+200°C/+239°C~+392°C

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



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°C
Minimum recovery temperature	+85°C
Maximum storage temperature	+50°C

Shrink ratio	2:1, 3:1
Components	Halogen-free
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-DIN Shrink ratio-2X:

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

BH-DIN Shrink ratio-3X:

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