

BH-NIT

Number and alphabet printable heat shrinkable marker tubing

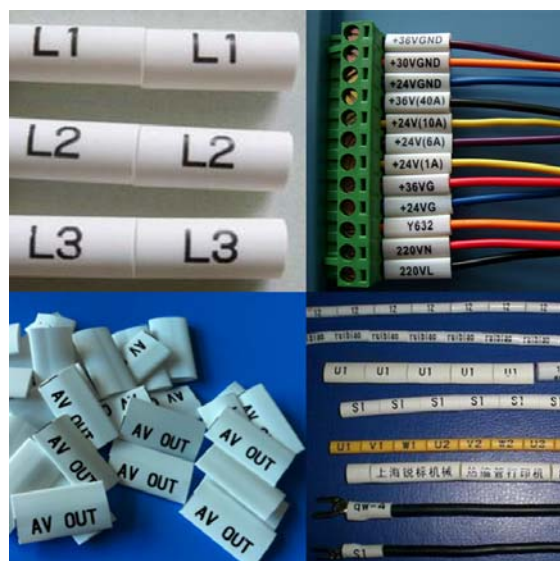
Features/Applications:

BH-NIT number and alphabet printable heat shrinkable marker tubing

is fabricated from irradiated, thermally stabilized and flame retarded modified polymer compound without any glues. It has two shrink ratio, 2:1 and 3:1.

BH-NIT is a flexible, flame retardant printable heat-shrink tubing, with outstanding physical performance. It is designed in flattering configuration, has a good printing effect, reliable for wire and cable identification system.

- Product is compliant to EU RoHS, Directive 2002/95/EC.
- Meet UL224 E25532 125° C VW-1,AMS-DTL-23053/5 class 1; SAE-AS81531,MIL-STD-202
- Operating temperature range: -40° C--- +125° C
- Maximum storage temperature: +50°C
- Color: Yellow, White as standard, other colors are available on request.



Technical Data

Property	States	Typical data	Test method
Tensile strength (MPa)	unaged	≥10.4	ASTM D2673
	heat-aged	≥7.3	
Ultimate elongation (%)	unaged	≥200	
	heat-aged	≥100	
Voltage withstand(V)	unaged	2500V,60s,Pass	UL224
Dielectric strength (MV/m)	unaged	≥15	IEC 60243
Volume resistivity (Ω-cm)	unaged	≥10 ¹⁴	IEC 60093
Water absorption (%)	Unaged	≤1.0	ASTM D 570
Corrosion	Unaged	Pass	UL 224
Heat shock	Unaged	No cracks, flowing or dripping	UL 224
Low temperature flexibility	Unaged	No cracks	UL 224

Product Dimensions (mm)

Heat shrink ratio 2:1

Part No.	Supplied ID (mm)	After recovery(mm)		Package (m/roll)
		ID	Wall Thickness	
BH-NIT-2X-2.4	3.0±0.2	≤1.3	0.45±0.10	50
BH-NIT-2X-3.2	3.5±0.2	≤1.5	0.45±0.10	50
BH-NIT-2X-4.8	5.0±0.2	≤2.3	0.45±0.10	100
BH-NIT-2X-6.4	6.5±0.2	≤3.0	0.56±0.10	100
BH-NIT-2X-9.5	10.5±0.3	≤5.0	0.56±0.10	100
BH-NIT-2X-12.7	12.5±0.3	≤6.0	0.56±0.10	100
BH-NIT-2X-19	19.0±0.5	≤9.0	0.70±0.10	100
BH-NIT-2X-25	26.0±0.5	≤12.5	0.90±0.15	50
BH-NIT-2X-38	41.5±1.0	≤20.0	1.00±0.15	50

Heat shrink ratio 3:1

Part No.	Supplied ID (mm)	After recovery(mm)		Package (m/roll)
		ID	Wall Thickness	
BH-NIT-3X-2.4	≥2.4	≤0.8	0.55±0.10	50
BH-NIT-3X-3.2	≥3	≤1	0.55±0.10	50
BH-NIT-3X-4.8	≥4.5	≤1.5	0.60±0.10	100
BH-NIT-3X-6.4	≥6	≤2	0.60±0.10	100
BH-NIT-3X-9.5	≥9	≤3	0.75±0.10	100
BH-NIT-3X-12.7	≥12	≤4	0.75±0.10	100
BH-NIT-3X-19	≥18	≤6	0.85±0.10	100
BH-NIT-3X-25	≥24	≤8	1.00±0.20	50
BH-NIT-3X-38	≥39	≤13	1.50±0.20	50

Printing contents and other size could be custom on request.