

HSPT-(2X, 3X)

Printable Heat-shrinkable Tubing

Characteristics

- Operating temperature -40°C to +125°C
- Minimum storage temperature 50°C
- Shrink Ratio 2:1 & 3:1
- RoHS Compliant
- Colour: Yellow, White as standard



Applications

The 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. it 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.

Technical Data

Item	States	Quota	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	2500 V,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 2:1 (inch/mm)

Size (mm)	Supplied ID (mm)	After recovery (mm)		Package m/roll
		ID	Wall Thickness	
2.4	3.0±0.2	≤1.3	0.45±0.10	50
3.2	3.5±0.2	≤1.5	0.45±0.10	50
4.8	5.0±0.2	≤2.3	0.45±0.10	100

6.4	6.5±0.2	≤3.0	0.56±0.10	100
9.5	10.5±0.3	≤5.0	0.56±0.10	100
12.7	12.5±0.3	≤6.0	0.56±0.10	100
19.1	19.0±0.5	≤9.0	0.70±0.10	100
25.4	26.0±0.5	≤12.5	0.90±0.15	50
38.1	41.5±1.0	≤20.0	1.00±0.15	50

Product Dimensions 3:1 (inch/mm)

Size (mm)	Supplied ID (mm)	After recovery (mm)		Package m/roll
		ID	Wall Thickness	
2.4	≥2.4	≤0.8	0.55±0.10	50
3.2	≥3	≤1	0.55±0.10	50
4.8	≥4.5	≤1.5	0.60±0.10	100
6.4	≥6	≤2	0.60±0.10	100
9.5	≥9	≤3	0.75±0.10	100
12.7	≥12	≤4	0.75±0.10	100
19.1	≥18	≤6	0.85±0.10	100
25.4	≥24	≤8	1.00±0.20	50
38.1	≥39	≤13	1.50±0.20	50