

FT-HSMT Heat Shrinkable Printable Continuous Marker Tube

Features:

- Shrink ratio : 2:1 or 3:1
- Working temperature : -55°C~+125°C
- Flame retardant, halogen free, low smoke emission
- Computer printable, permanent identification
- Meets UL224 125°C 600V

Application:

This tubing can be custom printed with words and symbols on both sides by thermal transfer equipment and all markings are permanent after printing. It is used to identify and mark wire, cable, tools, hoses and equipment in subway, public transportation, aerospace and shipbuilding industries.

1. Technical Data

Property	Test Method	Typical Performance
Tensile strength (MPa)	ASTM D2671	≥10.4 MPa
Ultimate elongation (%)	ASTM D2671	≥400%
Longitudinal change	UL 224	≤5%
Eccentricity	ASTM D 2671	≤30%
Heat aging tensile strength	UL 224 158 °C X168 hrs	>7.3 MPa
Ultimate elongation	UL 224 158 °C X168 hrs	>200%
Flammability	ASTM D 2671 38.2 Procedure B	Self extinguish in 60 sec.
Voltage withstand	UL224 / AC 2500V, 1min.	No breakdown
Volume resistivity	ASTM D 2671	≥1×10 ¹⁴ Ωcm
Corrosion stability	UL 224	Pass
Copper corrosion	UL 224	No corrosion

2. Dimensions

As Supplied (Min.)		After Recovery	Flat Width	Double W.T. before	Application	Packing
Inch	mm	I.D. Max.(mm)	(mm)	recovery (mm)	Scope (mm)	(m/reel)
3/32	2.4	1.2	3.8±0.2	0.4±0.04	1.27~1.90	100
1/8	3.2	1.6	5.1±0.3	0.4±0.06	1.75~2.66	100
1/5	4.8	2.4	7.7±0.3	0.4±0.06	2.54~4.06	100
1/4	6.4	3.2	10.2±0.3	0.4±0.06	3.81~5.46	100
3/8	9.5	4.8	15.2±0.3	0.4±0.06	5.59~8.12	100
1/2	12.7	6.4	20.3±0.4	0.4±0.06	6.99~10.79	100
3/4	19.1	9.5	30.5±0.4	0.4±0.06	10.16~16.25	50
1	25.4	12.7	40.6±0.5	0.4±0.06	14.30~21.59	50
1 1/2	38.1	19.1	61.0±0.5	0.4±0.06	21.00~35.0	50

Remark:

- 1.The wall thickness : 0.26~0.30mm.
2. Standard color: Yellow, White, other colors upon request.
3. Special size, packaging and cutting pieces are available upon requests.
4. 3:1 shrink ratio upon request.