

Semi-Conducting/Insulation Two Layers Heat Shrink Tube



Model: TLHST

Description

Semi-Conducting/Insulation Double Layer Heat Shrink Tube (TLHST) is dual wall heat shrinkable tubing which inner layer is made from insulation material to provide high insulation and external layer is made from semi-conductive materials to provide electric shielding. The tubing manufactured with special technology, is very suitable for applications in power cable joints up to 36kV.

Features

- >Material: cross-linked polymer, Two Layer.
- >Operating temperature: -40°C ~ 100°C.
- >Shrink temperature: start at 100°C and full recovery at 130°C.
- >Color: Black.

Technical Data

Inner Insulation Layer		
Property	Test Method	Standard Value
Hardness(Shore A)	ASTM-D-2671	≤90
Tensile strength, Mpa	ASTM -D- 2671	≥12
Elongation,%		≥300
Volume resistance, Ω·cm	IEC 93	≥1×10 ¹⁴
Water Absorption(%)	ASTM-D-570	≥0.5
Outer Semi-Conductive Layer		
Property	Test Method	Standard Value
Hardness(Shore A)		≤90
Tensile strength, Mpa	ASTM -D- 2671	≥12
Elongation,%	ASTM -D- 2671	≥300
Volume resistance, Ω·cm	IEC 93	1×10 ² ~1×10 ³ Ω·cm

**Specification:**

Size(mm)	Inner Diameter as Supplied(mm)	After Recovery(mm)		Length(m)
		Inner Diameter	Total thickness	
30/11	≥30	≤11	5.0±0.3	300-1200mm as required
35/13	≥35	≤13	5.0±0.3	
45/16	≥45	≤16	5.0±0.3	
55/20	≥55	≤20	5.0±0.3	
65/27	≥65	≤27	5.0±0.3	
88/32	≥88	≤32	7.0±0.3	
100/40	≥100	≤40	7.0±0.3	
120/47	≥120	≤47	7.0±0.3	