

#### **Heat Shrink Products and Relative Wiring Harness**



1/2

# SHENZHEN DICORE TECHNOLOGY CO.,LTD.

## **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:  $-40^{\circ}\text{C} \sim 100^{\circ}\text{C}$ .

>Shrink temperature: start at 100°C and full recovery at 130°C.

>Color: Black.

#### **Technical Data**

Temmear 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 <sup>14</sup>				
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 $1 \times 10^2 \sim 1 \times 10^3 \Omega \cdot \text{cm}$					

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### **Specification:**

Size(mm)	Inner Diameter as	After Recovery(mm)		Length(m)
	Supplied(mm)	Inner Diameter	Total thickness	
30/11	≥30	≤11	5.0±0.3	300-1200mm as
35/13	≥35	≤13	5.0±0.3	required
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	

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2/2