

**Product Introduction:**

Composite Dual Wall Heat Shrinkable Tube is manufactured by heat shrinkable insulating material and heat shrinkable semi-conductive material, via special technology processing, with good insulation in its inner layer and good semi-conduction in its outer layer, provide reliable shield protection.

Applications:

It can be applied to power cable straight joints for insulating and outer-shielding layer up to 35kV, and other where requiring insulation and shield.

Technical data (Inner insulating layer)

Property	Test method	Standard
Hardness (Shore)		≤90
Tensile Strength (MPa)	GB/T 1040	≥12
Elongation (%)	GB/T 1040	≥300
Thermal aging 120°C X 168h		$K_1 > 0.8, K_2 > 0.7$
Volume resistance (Ω.cm)	GB/T 1410	≥1 × 10 ¹⁴
Water absorption (%)	ASTM D570	≤0.5

Outer semi-conductive layer

Property	Test method	Standard
Hardness (Shore)		≤90
Tensile Strength (MPa)	GB/T 1040	≥14
Elongation (%)	GB/T 1040	≥300
Thermal aging 120°C X 168h		$K_1 > 0.8, K_2 > 0.7$
Volume resistance (Ω.cm)	GB/T 1410	50~100

Specification:

Size(mm)	ID. As supplied(mm)	ID after recovery(mm)	Total Thickness (+/-0.5mm)	Length(mm)
30/11	≥30	≤11	5	300~1200
35/13	≥35	≤13	5	
45/16	≥45	≤16	5	
55/20	≥55	≤20	5	
65/25	≥65	≤25	5	
88/30	≥85	≤30	7	
100/38	≥100	≤38	7	
120/45	≥120	≤45	7	