

Anti-Tracking Heat Shrinkable Tube



Model: ATHST

Description

Anti-Tracking Heat Shrinkable Tube (ATHST) is made from radiation cross-linked polyolefin, Designed for applications to seal and protect power cable joints from 11kV to 36kV. It is used in medium voltage cable Joints and terminations upto 36kv. The tubes are produced from high quality non tracking cross linked polyolefin material that offers exceptional insulation and long term service reliability.

Features

- >Material: polyolefin, inner coated with adhesive at the end..
- >Operating temperature: -55°C ~ 100°C.
- >Shrink temperature: start at 100°C and shrink totally at 130°C.
- >Standard Color: Red.

Technical Data:

Property	Test Method	Standard Value
Operating temperature	IEC 216	-45°C to +105°C
Tensile strength	ASTM-D 2671	≥13MPa
Elongation at break	ASTM-D 2671	≥300%
Tensile strength after aging	ASTM-D-2671/120°C,168hrs	≥11MPa
Elongation at break after aging	ASTM-D-671/120°C,168hrs	≥240%
Dielectric strength	IEC 243	≥20kV/mm
Tracking resistant	ASTM-D-2303	3.75Kv, 1hr, pass
Volume resistance	ASTM-D-2303	≥1×10 ¹⁴ Ω·cm
Dielectric constant	IEC 250	3.0
Longitudinal shrinkage	-	≤10%
Eccentricity	ASTM-D-2671	≤30%



Water absorption	ISO 62	≤0.1%
Flammability (Oxygen index)	IEC 93	≥28
Copper corrosion	ASTM-D-2671	120°C, 168hr, no corrosion
Cold bend	ASTM-D-2671	-40°C, 4hrs, no cracking

Specification:

Model	SUPPLIED(mm)	RECOVERED(mm)		Standard Package
	Inner Diameter (MAX)	Inner Diameter (MAX)	Wall Thickness mm	mm/pc
ATHST-30/12	30	12	2.1+/-0.2	600-1200
ATHST-35/14	35	14	2.2+/-0.2	600-1200
ATHST-40/17	40	17	2.2+/-0.2	600-1200
ATHST-50/22	50	22	2.4+/-0.2	600-1200
ATHST-55/24	55	24	3.2+/-0.2	600-1200
ATHST-60/26	60	26	3.2+/-0.2	600-1200
ATHST-70/29	70	29	3.2+/-0.2	600-1200
ATHST-75/35	75	35	3.2+/-0.2	600-1200