

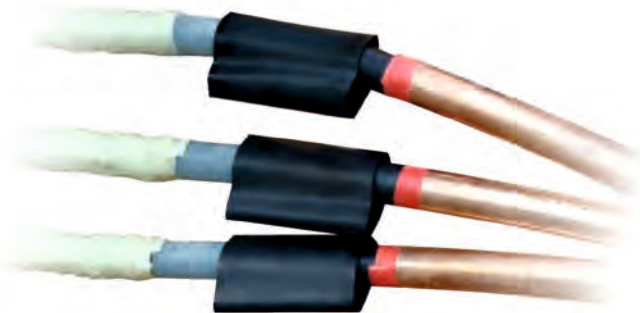


Insultube – Stress Control is manufactured from Radiation Cross-linked Polymeric material. The specially designed chemical formulation and manufacturing technology allows it to control High Electrical Stress present at Insulation Screen Terminals and Power Cable Joints upto 36kV.

Features & benefits:

- Electric Stress Relief Tubing.
- Operation Temperature: -40°C to 100°C.
- Minimum Shrink Temperature : 100°C
- Minimum fully Shrink Temperature : 130°C
- Standard Color : Black

Code	D min (mm)	d max (mm)	T±10% (mm)
GST 30/12	30	12	2.3
GST 40/18	40	18	2.4
GST 50/20	50	20	2.4
GST 60/25	60	25	2.4



Technical Qualification Report: QR 1038

Technical Specification		
PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	12 Mpa (N/mm ²) (min.)	ASTM D638
Ultimate Elongation	350 % (min.)	ASTM D638
Longitudinal Change	-10% (max.)	ASTM D2671
Hardness	45 ±3 Shore D	ASTM D2240
Water absorption	1 % (max.)	ASTM D570
Thermal		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	10 Mpa (N/mm ²) (min.)	ASTM D638
Ultimate Elongation	300 % (min.)	ASTM D638
Low Temperature Flexibility (-40°C for 4 hrs.)	No Cracking	ASTM D2671
Heat Shock (250°C for 30 min.)	No cracking or flowing	ESI 09-11
Shrink Temperature	125°C	IEC 216
Continuous Temperature Limit	-40 to +110°C	IEC 216
Electrical		
Volume Resistivity	1 x 10 ⁷ Ohm.cm (min)	ASTM D257
Dielectric constant	15 (min.)	ASTM D150