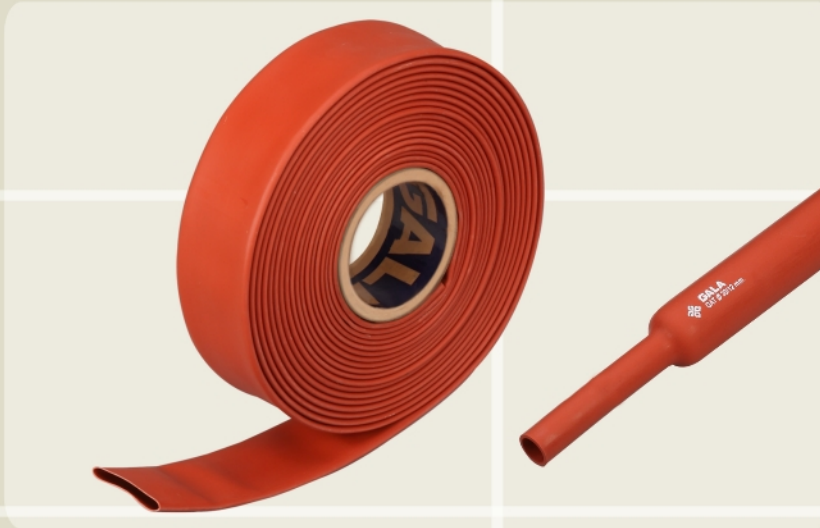


HEAT SHRINK RED INSULATION TUBE



Heat Shrinkable Red Insulation Tube is used in Power Cable Joints for MV Applications.

These tubes are manufactured from high quality cross linked polyolefin material.

Excellent Di-electric properties.

Conforms to IEC 60684-3-247 standard.

Halogen free, RoHS compliant.

Customised dimensions, thickness, length & colours available on request.

Selection Chart

Code	D min. (mm)	d max. (mm)	T±10% (mm)
GRT 34/10	34	10	3.0
GRT 46/13	46	13	3.5
GRT 54/16	54	16	4.0
GRT 60/18	60	18	4.0
GRT 68/20	68	20	4.2
GRT 75/25	75	25	4.5
GRT 85/28	85	28	5.1
GRT 95/30	95	30	5.3

D, d : Internal Diameter

NEW

Selection Chart (Extra Heavy Wall)

Code	D min. (mm)	d max. (mm)	T±10% (mm)	Length max. (mtr)
GRT(EHW) 35/12	35	12	7	1.5
GRT(EHW) 55/18	55	18	7	1.5
GRT(EHW) 65/25	65	25	7	1.5
GRT(EHW) 85/30	85	30	7	1.5
GRT(EHW) 100/38	100	38	7	1.5
GRT(EHW) 120/45	120	45	7	1.5

D, d : Internal diameter ; T : Thickness

Technical Specification		
PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	12 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min)	ASTM D638
Longitudinal Change	-10 % (max.)	ASTM D2671
Hardness	45 ±10 Shore D	ASTM D2240
Water absorption	0.2 % (max.)	ASTM D570
Thermal		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	11 N/mm ² (Mpa) (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	ASTM D2671
Shrink Temperature	125°C	IEC 216
Continuous Temperature Limit	-40 to +110°C	
Electrical		
Dielectric Strength	20 KV/mm.(min)	ASTM D149
Volume Resistivity	1 x 10 ¹⁴ Ohm.cm (min)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150

