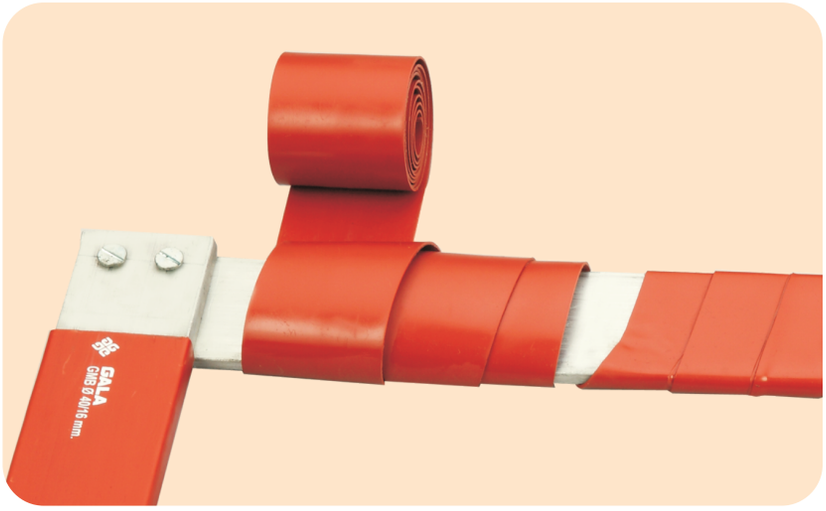
SHRINKABLE

RoHS

BUSTAPE™

The Ultimate Insulation

Bus Tape is heat shrinkable tape specifically designed for insulating and protecting medium voltage Bus Bar Connections. It is very conformable, tough, waterproof tape with special adhesive coating which bonds well to most surfaces over a wide range of temperature.



HEAT SHRINK TAPE

TECHNICAL SPECIFICATION

	TEST DESCRIPTION	RECORDED VALUE	TEST METHOD
Physical	1. Tensile Strength	12 N/mm^2 (MPA) (min.)	ASTM D638
	2. Ultimate Elongation	300% (min.)	ASTM D638
	3. WaterAbsorption	0.5% (max.)	ASTM D570
	4. Density	1.20 ± 0.2 gm/cm^3	ASTM D792
	5. Hardness	45 ± 10 shore D	ASTM D2240
Thermal	1. Accelerated ageing	120°C for 500 hrs	ASTM D2671
	a. Tensile Strength	10 N/mm^2 (Mpa) (min.)	ASTM D638
	b. Ultimate Elongation	250 % (min.)	ASTM D638
	2. Low Temp. Flexibility (-40°C for 4 hrs)	No Cracking	ASTM D2671
	3. Heat Shock (250°C for 30 min.)	No cracking or flowing	ESI 09-11
	4. Shrink Temperature	125°C	IEC 216
	5. Continuous Temp. Limit	-40 to +105°C	IEC 216
Electrical	1. Dielectric Strength	22 KV/mm.(min.)	ASTM D149
	2. Volume Resistivity	1 x 10^{14} Ohm.cm min	ASTM D257
	3. Dielectric constant	5 (max.)	ASTM D150
	4. Resistant to track & erosion	No Tracking, erosion or flame failure up to 3.25 KV for 20 min.	ASTM D2303

-: FEATURES & BENEFITS :-

- Meets ANSI C37.20.2 standards for MV switchgear application up to 36 KV..
- Reduces Bus Bar clearance requirements.
- It is mainly used for insulating, anti-corrosive and mending purposes at the bending part.
- Protects against accidental flash-over.
- Halogen free & anti-tracking.

Technical Qualification Report : QR 1020

Selection Chat

Part Number / Size	Roll Width (Min.)	Roll Length (Min.)	Recovered Wall Thickness (mm)
GMT-1	25.0 mm	5.0 m	1.0 ± 0.10
GMT-2	50.0 mm	5.0 m	1.0 ± 0.10