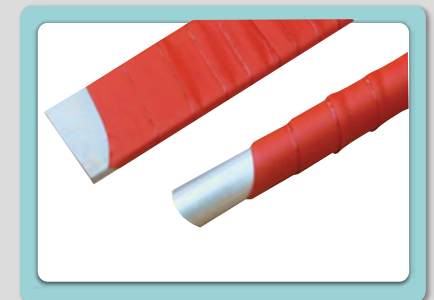


BUS TAPE

Bus Tape is heat shrinkable tape specifically designed for insulating and protecting medium voltage Bus Bar Connections, where tubing can not be used. It is very conformable, tough, waterproof tape with special adhesive coating which bonds well to most surfaces over a wide range of temperature. The shrinking action achieves exceptional conformation to contours, squeezing the adhesive into all surface irregularities, forming an effective seal.

BENEFICIOS

- 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



CODE	Roll Width (Min.)	Roll Length (Min.)	Thickness (mm)
GMT-2L	50.0	15.0	1.0 ± 0.10
GMT-2	50.0	5.0	1.0 ± 0.10

PROPERTIES	VALUE	STANDAR
PHYSICAL		
Tensile strength	10.5 N/mm ² (min)	ASTM D638
Ultimate elongation	300% (Min.)	ASTM D638
Water absorption	0.5% (max.)	ASTM D570
Density	1.20 ± 0.2 gm/cm ³	ASTM D792
Hardness	45 ± 10 shore D	ASTM D2240
THERMAL		
Accelerated ageing	120°C for 500 Hrs	ASTM D2671
Tensile strength	10 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate elongation	250% (Min.)	ASTM D638
Low temperature flexibility (-40°C for 4 Hrs.)	No Cracking	ASTM D2671
Heat shock (250° for 30 mins)	No Cracking or flowing	ESI 09-11
Shrink temperature	125°C	IEC 216
Continuous temperature limit	-40°C to + 115°C	IEC 216
ELECTRICAL		
Dielectric Strength	22 KV/mm. (Min.)	ASTM D149
Volume Resistivity	1 x 10 ¹⁴ Ohm.cm (min.)	ASTM D257
Dielectric Constant	5 (Max.)	ASTM D150
Resistant to Track & Erosion	No Tracking, erosion or flame failure up to 3.25KV for 20min.	ASTM D2303