

MV Busbar Tape - 50MM



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Bus Bar Tape is a heat shrinkable tape specifically designed for insulation and protecting medium voltage bus bar connections, where tubing cannot be used. It is very conformable, tough, waterproof tape with a special adhesive coating which bonds to most surfaces over a wide range of temperatures.

The shrinking action achieves exception conformation to contours, squeezing the adhesive into all surface irregularities, forming a strong, longlasting effective seal.

- Meets ANSI C37.20.2 standards for MV switchgear application up to 36KV
- Reduces Bus Bar Clearance Requirements
- It is mainly used for insulation, anti-corrosive and mending purposes.
- Protects against accidental flash-over.
- Halogen free & anti-tracking.
- Meets IP 68 (Ingress Protection)
- Measuring table ensures accurate vertical cuts
- Table set up also allows accurate angled cuts
- Defined depth of cut can be set, to ensure accurate cut out of blocks.

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Physical		
1. Tensile Strength	12 N/mm ² (Mpa) (min.)	ASTM D638
2. Ultimate Elongation	300% (min.)	ASTM D638
3. Water Absorption	0.5% (max.)	ASTM D570
4. Density	1.2 ± 0.5 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 30min.)	No Cracking or Flowing.	ESI 09-11
4. Shrink Temperature	125°C	IEC 216
5. Continuous Temp. Limit	-40°C to +115°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 3.25KV for 20 min.	ASTM D2303