



MVBTR Series

5-15kV, Medium Voltage Busbar Insulation Tape
Adhesive Coated - Rated 1-15kV

Description

The Innovative Power Products MVBTR series busbar tape is a heatshrinkable all purpose tape that provides insulation and flashover protection for round, square, and rectangular busbars rated 1-15kV. MVBTR is a track-resistant halogen free material to insulate and protect the busbar systems from environmental pollution and from accidental phase-to-phase or phase-to-ground contact caused by animals or other external factors.

MVBTR series adhesive coated, medium voltage heatshrinkable tape for insulating bolted busbar, straight and bend bars where MVBT tubing cannot be used. MVBTR is made specially formulated, radiation cross linked, halogen free, low smoking, flame-retardant, tracking-resistant polyolefin compounds. The normal phase-to-phase and phase-to-ground clearances apply. MVBTR provides flashover protection and meets the flame retardancy requirements of ANSI C37.20 and UL94 V-2 and UL 224 VW-1.

Versatility

MVBTR's UV resistance, track-resistance and flame retardancy characteristics make it ideal for both indoor and outdoor applications. The MVBTR has great flexibility and can be installed on the busbar around bends, bolted connection without cracking or creasing. It can be installed using a hot air oven for large scale applications in a production environment or a hot air device. Torches may be used for preheating the busbar but are not advised for shrinking.

Performance

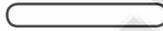
- MVBTR busbar tape is factory engineered to provide fast and easy installations with reliable performance. All MVBTR tapes are designed to meet or exceed the requirements of the applicable sections of ANSI C37.20 and UL94 V-2 and UL 224 VW-1.
- ANSI/IEEE specifications:
One layer application up to 15kV
- IEC specifications:
Two or three layers application up to 15kV
- A 2/3 over lap is recommended
- Bolted Connections require two layers of tape
- Continuous operating temperature: -25°C to 90°C
- Shrink Ratio of 1.00 : 0.70

Related Product Information

MVBTR Series: PTR 506-1 **Price List:** PL-720

MVBT 250 series:
Medium Voltage Insulating Tape Adhesive Coated
SMR 303 or SMR 304 Sealant Strips

MVBTR Series: Medium Wall Busbar Tape 1-15kV Selection Guide

MVBTR Catalog # <small>All dimensions in inches unless shown otherwise</small>	Rectangular Bar 		Round Bar 	Roll		Standard Package (Box)
	Width	Thickness		Width (inches)	Length (feet)	
MVBTR 1	1.00	0.65 max	0.50 - 1.00	1.00	25.0	8 rolls
MVBTR 2	2.00 - 4.00	0.75 max	1.00 - 3.00	2.00	25.0	4 rolls
MVBTR 4	6.00 - 8.00	0.75 max	3.00 - 4.00	4.00	25.0	2 rolls