



# MVBT 250 & 350 SERIES

5-35 kV, Medium Voltage Busbar Insulation Tubing  
Insulation For Round and Rectangular Busbar  
Rated 1-35 kV

## Description

The Innovative Power Products MVBT 250 & 350 series busbar tubing is heatshrinkable tubing that provides insulation and flashover protection for round and rectangular busbars rated 1-35 kV. MVBT is a track-resistant 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.

**MVBT 250 series** tubings insulates and protects busbars rated to 25 kV with normal phase-to-phase and phase-to-ground clearances. It has a nominal recovered wall thickness from 0.08" to 0.12". MVBT 250 provides flashover protection and meets the flame retardancy requirements of ANSI C37.20c and UL94 V-2 and UL 224 VW-1.

**MVBT 350 series** tubings insulates and protects busbars rated to 35 kV with normal phase-to-phase and phase-to-ground clearances. It has a nominal recovered wall thickness from 0.14" to 0.16". MVBT 350 provides flashover protection and meets the flame retardancy requirements of ANSI C37.20c and UL94 V-2 and UL 224 VW-1.

## Versatility

MVBT's UV resistance, track-resistance and flame retardancy characteristics make it ideal for both indoor and outdoor applications. The MVBT has great flexibility and can be



Installed Medium Voltage Busbar Insulation Tubing



## Versatility (continued)

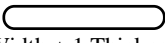

installed on the busbar around bends without cracking or creasing. It can be installed using a hot air oven for large scale applications in a production environment or a hot air device. Torches may be used for preheating the busbar but are not advised for shrinking.

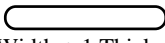

## Performance

MVBT 250 & 350 tubings are factory engineered to provide fast and easy installations with reliable performance. All MVBT tubings are designed to meet or exceed the requirements of the applicable sections of ANSI C37.20c and UL94 V-2 and UL 224 VW-1.

## Related Product Information

MVBT 250 & 350 series: • Price List PL-720

MVBT 250 series medium wall busbar tubing				1-25 kV SELECTION GUIDE			
MVBT Catalog No. <i>All dimensions in inches unless shown otherwise</i>	Rectangular Bar  1 Width + 1 Thickness		Round Bar 	Tubing Dimensions			Standard Package (Spooled)
	Supplied Inside Dia.	Recovered Inside Dia.		Wall			
MVBT 2512	0.90-1.50	22-38 mm	0.50-1.00	1.18	0.47	0.090	25 ft.
MVBT 2520	1.40-2.60	36-65 mm	0.85-1.70	1.97	0.79	0.100	25 ft.
MVBT 2530	2.15-3.75	55-95 mm	1.30-2.50	2.95	1.18	0.100	25 ft.
MVBT 2540	2.75-5.10	70-130 mm	1.70-3.40	3.94	1.57	0.100	25 ft.
MVBT 2550	3.50-6.50	90-165 mm	2.20-4.10	4.72	1.97	0.120	25 ft.
MVBT 2560	4.50-7.50	114-190 mm	3.00-6.00	6.50	2.36	0.140	25 ft.

MVBT 350 series heavy wall busbar tubing				35 kV SELECTION GUIDE			
MVBT Catalog No. <i>All dimensions in inches unless shown otherwise</i>	Rectangular Bar  1 Width + 1 Thickness		Round Bar 	Tubing Dimensions			Standard Package (Spooled)
	Supplied Inside Dia.	Recovered Inside Dia.		Wall			
MVBT 3510	0.70-1.25	18-32 mm	0.45-0.80	0.98	0.40	0.140	25 ft.
MVBT 3516	1.10-2.00	20-51 mm	0.70-1.25	1.57	0.63	0.140	25 ft.
MVBT 3525	1.75-3.25	45-83 mm	1.05-2.20	2.56	0.98	0.150	25 ft.
MVBT 3540	2.80-5.40	72-128 mm	1.75-3.35	3.94	1.57	0.160	25 ft.