

3M Electrical Markets Division

# Heat Shrinkable Busbar Sleeve

3M BBI±A Series Heat Shrinkable Tubing for Bus Bar is designed for insulating rectangular, square and round bus bar rated from 5 kV through 35 kV. It will also cover and insulate inline bolted connections of rectangular bus bars. The tubing meets the requirements of ANSI/IEEE Standard C37.20. The standard tubing lengths are 20 feet (6,1 m) and 50 feet (15,2 m).



BBI±A Tubing is made of a specially formulated cross-linked polyolefin. The tubing is colored orange-red. The material has high resistance to splitting, good solvent resistance and excellent tracking resistance properties. The tubing shrinks easily with industry standard methods, forming an aesthetically appealing insulation cover

## Features

- Excellent physical properties
- Excellent dielectric strength
- Excellent tracking resistance
- Excellent chemical resistance
- Good thermal endurance
- Flame retardant; self extinguishing Flexible; conforms to bends
- Each tube fits a range of bus bar sizes and voltage ratings
- Tight fit provides good heat dissipation

## Applications

- For insulating electrical bus bars per ANSI/IEEE Standard C37.20:
- For 5, 8, 15, 25 and 35 kV voltage ratings For rectangular, square and round bus bars
- For inline bolted connections of rectangular bus bars
- For copper or aluminum bus bars For use in metal-clad switchgear For use on metal-enclosed bus bar For use with substation switchgear

## Installation Technique

- Clean bus bar and cut BBI±A Tubing to required length. Use a sharp knife or razor to ensure a clean cut with no nicks.
- Preheating of bus bar is recommended Slide BBI±A Tubing into position and shrink onto bus bar using standard industry methods.

*BBI±A tubing is not impaired by freezing or overheating due to ambient temperatures found in storage or shipping. Normal storage and stock rotation practices are recommended.*



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