

## BUS BAR INSULATING SHROUDS

Bus boot is flexible electrical insulating boot / shroud for busbar and switchgear connections upto 36KV. These pliable boots can be installed, removed or replaced in few minutes. Made from specially formulated Polyvinyl Chloride (PVC) material to provide excellent electrical insulation and to withstand higher operating temperature continuously.

Busboot provides reduction in air clearance, which helps designing compact panels; thereby reduces the material costs by. saving in busbar lengths, sheet metal components, etc.



It is also call as busbar connection shroud / busbar joint cover, protection shroud (boot) etc.

### FEATURES & BENIFITS

- The most cost effective way to insulate connections in switchgears
- High dielectric strength
- Suitable for insulating busbar joint works applications (tees, elbows, etc)
- Easy to Install or remove as often as required
- Complete with fasteners
- Highly resistant to UV rays and ozone, good for outdoor or indoor applications
- Provides significant reduction in air clearances
- Excellent electrical & thermal properties
- Customised design possible for any shapes or connections

SELECTION CHART	
VOLTAGE	THICKNESS
3.3 KV	1.25 mm
12.0 KV	2.00 mm
18.0 KV	2.50 mm
24.0 KV	3.00 mm
38.0 KV	4.50 mm

PROPERTIES	VALUES	STANDAR
Dielectric Strength	16 KV/mm. (Min.)	ASTM D149
Tensile Strength	12 N/mm <sup>2</sup> (Min.)	ASTM D638
Elongation	350 % (min)	ASTM D638
Density	1.23 gm/cm <sup>3</sup>	ASTM D792
Hardness	65 ± 5 orilla A	ASTM D2240
Continuous Operating Temp.	-20°C to +115°C	IEC 216
Flammability	Pass	UL 94-40