

## Bus-Bar Joint Shrouds/Boots

Insulating the bus bar & Switchgear joints is very unmanageable and exceptional job owing to a very exceptional job owing to a very complex and varied profile of the joints in the layouts that are of much customized nature. Because of this majority of the joints are left open without insulations. Therefore in many advanced countries & some Indian MNCs have made it mandatory to use flexible shrouds made of PVC Plastics for insulation of joints.

### Features

1. Suitable for insulating bus bar joints. (Tee, elbow, etc.).
2. Provides significant reduction in air clearances.
3. Excellent thermal & electrical properties.
4. Good for indoor & outdoor applications.



### Technical Data

Sr. No	Properties	Value	Standard
<b>Physical</b>			
1	Tensile Strength	11 N/mm <sup>2</sup> (MPA)(min.)	ASTM D 412-06a
2	Ultimate Elongation	250% (Min.)	ASTM D 412-06a
3	Longitudinal Change	0.5 % (Max.)	ASTM D2671
4	Hardness	60 ± 10 Shore D	ASTM D2240
5	Water Absorption	0.5 % (max.)	ASTM D570
<b>Thermal</b>			
6	Accelerated Ageing for 110°C for 300 Hrs		
	Tensile Strength	9 N/mm <sup>2</sup> (Mpa) (min.)	ASTM D 412-06a
	Ultimate Elongation	150 % (Min.)	ASTM D 412-06a
7	Heat Shock (120°C for 4 Hrs.)	No Cracking or flowing	ESI 09-11
8	Continuous Temperature limit	-40°C to + 110°C	IEC 216
<b>Electrical</b>			
9	Dielectric Strength	6 to 12 KV/mm.	ASTM D149
10	Volume Resistivity	10 <sup>12</sup> Ohm.cm	ASTM D257
<b>Flammability</b>			
11	Flammability	Pass	UL-94 (V-0)