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## *PAXOLIN SHEETS (SRBP)*

*Paxolin (SRBP) is a phenolic paper laminate offering good mechanical and electrical properties in low voltage applications. The material offers excellent machining characteristics and punching quality up to 2.5mm*

### MATERIAL CHARACTERISTICS

Density	approx. 1.4g.cm <sup>3</sup>
Flexural strength	150 MPa
Flexural modulus of elasticity	approx. 9000 MPa
Tensile strength	120 MPa
Electrical strength at 90C in oil perpendicular to laminations (3mm thick)	5 kV/mm
Breakdown voltage at 90C in oil parallel to laminations	300 MPa
Permittivity at 50Hz and 1Hz	< 5.5
Comparative tracking index	CTI 100
Impact strength a <sub>10</sub> & a <sub>15</sub>	20 KJ/m <sup>2</sup>
RoHS compliant	yes

### TEST METHODS

ISO 1183/A
ISO 178
ISO178
ISO 178
IEC 243
IEC 243
IEC 250
IEC 112
DIN 53453

Part no.	Sheet size	Thickness
E50030	4 x 4 feet	3mm [1/8"]
E50060	4 x 4 feet	6mm [1/4"]
E50090	4 x 4 feet	9mm [3/8"]

## *ELECTRICAL SWITCHGEAR MATTING*

*Electrical Switchgear matting is electrically tested and is available in two thickness's and in a fluted form. Suitable for insulation purposes this matting is sold in 11.5m rolls or by the linear metre.*

### MATERIAL CHARACTERISTICS

Operating voltage	6mm thickness 11Kv, working 450V 9.5mm thickness 15Kv, working 650V
Grade	No 8
Hardness shore A	65
Specific gravity	1.5
Tensile strength	8 MPa
Abrasion resistance	200mm <sup>3</sup>
Tear resistance	20 kg/cm
RoHS compliant	yes

Part no.	Supplied thickness mm	Width mm	Roll size m
G70609	6.0	915	11.5
G70909	9.5	915	11.5