

Electrical Switchboard Matting



Manufactured to IEC 61111
TESTED TO 40,000V WITH
MAXIMUM WORKING VOLTAGE 36,000V
Class 4/36 kV 1000mmx4.5mmx10m



Part Number: 642105

Description: Grey, rubber based electrical switchboard matting produced in 10metre lengths (also available in metre lengths if required) with a continuous 4.5mm fine ribbed pattern.

Material Properties:

RUBBER

Tensile Strength:	6Mpa	IEC61111
Hardness:	65 Shore A	IEC61111
Elongation:	not less than 400%	IEC61111
Mechanical puncture resistance	not less than 150N	IEC61111

PRODUCT

Proof Test:	1kV/s, 3min 40kV A.C.	No breakdown
Withstand Test:	1kV/s, 1 min, 50kV A.C.	No breakdown
Ageing Test:	168 h, 70°C	Not less 143N
Flame Retardance test:	Flame does not reach any point on a 50mm radius circle	
Thermal Test:	-25°C, 100N, 30s, 40kV A.C. 3min	No cracking no breakdown
Acid Resistance:	8h, H ₂ SO ₄ 32°Baumé, 50kV A.C.	No breakdown, not less than 134N
Oil Resistance:	70°C, 24h. in oil, 50kV A.C.	No breakdown not less than 90N

Part No.	Desc:	Weight	DM CODE
642105	SWITCHBOARD MAT	6.10KG	DM-MAT4.5X1X10