



Experts in
Rubber

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IEC 61111:2009 ELECTRICAL INSULATION MATTING



PRODUCT DATA SHEET



ISO
9001 : 2015
REGISTERED



Material Technical Specification

Properties	Values
Material	Rubber Elastomer
Colour	Black
Hardness	65° (Shore A)
Density	1.4 (Specific Gravity)
Tensile Strength	70kg / cm ² (Minimum)
Elongation Break Point	300% (Minimum)
Minimum Temperature	-40°C
Maximum Temperature	+70°C
Flame Retardant Test	(Pass) - Flame shall not reach any point on a 50mm circle
Acid Resistance Test	(Pass) - Min. 75% retention & no breakdown on specified voltage
Oil Resistance Test	(Pass) - Min. 75% retention & no breakdown on specified voltage

Physical & Voltage Specification

Product Code	Class	Stock Thickness	Roll Size	Max. Use Voltage	Proof Voltage	Withstand Voltage	Colour Code
RC04153-CLO-BLK	0	3mm	1m x 10m	1000 Volts	5000 Volts	10000 Volts	Red
RC04153-CL1-BLK	1	3mm	1m x 10m	7500 Volts	10000 Volts	20000 Volts	White
RC04153-CL2-BLK	2	4mm	1m x 10m	17000 Volts	20000 Volts	30000 Volts	Yellow
* RC04153-CL3-BLK	3	5mm	1m x 10m	26500 Volts	30000 Volts	40000 Volts	Green
RC04153-CL4-BLK	4	6mm	1m x 10m	36000 Volts	40000 Volts	50000 Volts	Orange

* Please note: Class 3 IEC Electrical Insulation Matting not held in stock.

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