

**MATERIAL DATA SHEET**

Material Reference	<b>AKQ610</b>
Description	<b>BS EN IEC 61111 CLASS 0 ELECTRICAL INSULATION MATTING</b>



Specifications	Values	Test Methods
Acid Resistance	PASS	BS EN IEC61111
Branded in Accordance with Spec	YES	BS EN IEC61111
Colour Coded Branding	YES	BS EN IEC61111
Electrical Proof Test	5000 Volts AC	BS EN IEC61111
Elongation at Break	300%	ASTM D412
Flame Resistance	< 25mm/s	BS EN IEC61111
Low Temperature Folding	PASS	BS EN IEC61111
Oil Resistance	PASS	BS EN IEC61111
Puncture Resistance	> 70 Newtons	BS EN IEC61111
Recommended Maximum Use	1000 Volts AC	BS EN IEC61111
Shore Hardness (Shore A)	65° ± 5°	ASTM D2240
Slip Resistance	> 50 Newtons	BS EN IEC61111
Specific Gravity	1.62 g/cm <sup>3</sup>	ASTM D2240
Tear Strength - Angle	15 Kg/cm	UNE ISO 34-1
Tensile Strength	2.9 MPa	ASTM D412
Withstand Test	10000 Volts AC	BS EN IEC61111
Thickness	6mm	
Roll/Sheet Width	1000mm	

**Additional Information**

A European Manufactured BS EN 61111 Fully Compliant Electrical Insulation Matting. Unlike many commercially available materials AKQ610 has been independently tested and complies with all requirements of the standard including, Electrical Insulation, Slip Resistance, Puncture Resistance, Flame Retardant, Acid Resistance and Oil Resistance.

*The figures and test data on this datasheet are average values and the result of many years of tests and trials.*

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