

Material ref AR314

Electrical Insulating Matting

IEC61111:2009 Class 0

Material Reference-	314
Colour-	Black
Classification-	IEC 61111:2009
Working Voltage	1000 AC
Overall Nominal Thickness	6.0mm

Classification to IEC 61111:2009	Class 0
Working Voltage	1000V AC

Surface	Ribbed Corrugations
Colour	Black
Thickness	6.0mm

Mechanical Puncture Resistance	Not Less 70N
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Proof Test 1 kV/s, 1min, 5000V A.C.	Pass – no breakdown
Withstand Test 1 kV/s, 1min, 10000V A.C.	Pass – no breakdown
Ageing Test 168 h. 70°C	Pass – not less 80% of un-aged test
Flame Retardance Test 10 s, radius 50mm	Pass – flame does not reach any point on a 50mm radius circle
Thermal Test -25°C, 100 N, 30 s, 20 kV A.C., 3min	Pass – no crack, no breakdown
Acid Resistance 8 h, H ₂ SO ₄ 32° Baumé, 30kV A.C	Pass – no breakdown, not less 70 N or less than 75% of un-aged test
Oil Resistance 70°C, 24 h. in oil, 30 kV A.C	Pass – no breakdown, not less 70 N or less than 75% of un-aged test

Other information

Conformity details are branded on underside

Issue Date: August 2012

A conformity test of this product was carried out by an ISO/IEC 17025 accredited laboratory (0067). Test report CTR 54696.

Additional/further information by request.

Data has been copied from manufactures/distributors data test sheet and is intended to be used for guidance and comes without warranty or guarantee.

As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline

It is the responsibility of you, the customer to assess the suitability of product supplied for the purpose for which it is to be used.

Data sheet is subject to alteration without prior notice. This data sheet supersedes all previous data sheets
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