

Data Sheet S003 Electrical Insulation Blanket to ASTM F2320 Class 00

Data Sheet Type	Final
Material Reference	S003
Polymer	CR
Date Issued	09/09/25



Description

Designed to protect engineers when working with live voltages up to 500v. Typical uses include underground cable jointing, overhead conductors and link box maintenance. This particular shrouding material is Brown in colour and conforms to ASTM F2320 - Class 00 and is manufactured in the European Union.

Specifications	Values	Test Methods
Breaking Strength - Fill	150 Llbs Minimum	ASTM D751
Breaking Strength - Warp	150 Llbs Minimum	ASTM D751
Coating Adhesion	5 Lbs/Inch Minimum	ASTM D751
Electrical Proof Test	2500 Volts AC Maximum	BS EN IEC61111
Fabric Characteristics	Cotton	None
Flame Resistance	0.5"/30 Seconds Maximum	BS EN IEC61111
Mullen Burst	100 PSI Minimum	ASTM D1777
Recommended Maximum Use	500 Volts AC Maximum as Electrical Blanket	BS EN IEC61111
Thickness	0.558-0.660 mm	ASTM D792

Purposes



Electrical Insulation

Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.