

TECHNICAL DATA SHEET

90070- FK144 (045)

Aerospace textile glass: 90070- FK144. Light weight plain weave glass fibre fabric treated with FK144 finish.

FK144. A multifunctional finish which has a high-performance silane cross-linking adhesion promoter combined with the softening and anti-static benefits of Volan. Good performance over a wide range of resin systems and applications. Effective with a variety of thermosetting resin systems such as phenolic, epoxy, polyester and vinyl ester.

The combination of plain weave and softness makes this product suitable for work where a light weight, easily handled fabric is required to provide an even surface finish.

Technical data:

Base Fabric		Tolerance		Test Methods	
Yarn	Warp	EC9 - 34		DIN 60850	
	Weft	EC9 - 34			
Thread Count	Warp	12.0	per 1 cm	± 5%	DIN 53853
	Weft	11.5	per 1 cm		
Weight		81	g/m ²	± 5%	DIN 53854
Weave		Plain weave			ISO 9354
Finished Fabric					
Specification		WL 8.4505			
Treatment		Silane/Volan finish after heat cleaning			
Weight		80	g/m ²	± 5%	DIN 53854
Thickness (typical)		0.10	mm	± 10%	ISO 4603/E
Tensile Strength (typical)	Warp	150 N/cm			ISO 4606
	Weft	140 N/cm			
Organic content (typical)		<1%			ISO 1887

Important - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes.