



Cert no 1122 - ISO 9001

TECHNICAL DATA SHEET

91745-FK144

91745-FK144 is a medium weight satin weave glass fibre fabric, made from plied yarns treated with a multifunctional finish designed to give a softer handle for hand lay-up fabrication with most polyester, epoxy and vinyl ester resin systems. This glass and finish combination is particularly suitable for tight radius fabrication and compound curves.

TECHNICAL DATA

Base Fabric		Tolerance	Test Methods
Yarn	Warp	EC7 – 22 x 3	± 5% DIN EN 12654
Thread Count	Weft	EC7 – 22 x 3	
	Warp	21.7 per 1 cm	± 5% DIN EN 1049
Tensile Strength (typical)	Weft	21.5 per 1 cm	
	Warp	TBC N/cm	DIN ISO 4606
Weight	Weft	TBC N/cm	
		295 g/m ²	± 5% DIN EN 12127
Weave		8 shaft satin weave	
Finished Fabric			
Coating		Silane/Volan treated after heat cleaning	
Weight		292 g/m ²	± 10% DIN EN 12127
Thickness (typical)		0.23 mm	± 10% DIN ISO 4603/E
Tensile Strength (typical)	Warp	TBC N/cm	DIN ISO 4606
	Weft	TBC N/cm	
Organic content (typical)		<1%	

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.

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