



TECHNICAL DATA SHEET

181/91745-FK144

181-FK144 is a light weight satin weave glass fibre fabric, made from plied yarns, treated with FK144. FK144 is a multifunctional finish designed to give a softer handle for hand lay up fabrication. FK144 is compatible for most Polyester, epoxy and vinyl ester resin systems.

This glass finish combination is particularly suitable for tight radius fabrication and compound curves.

Technical data:

Base Fabric			Tolerance	Test Methods
Yarn	Warp Weft	EC7 – 22 x 3 EC7 – 22 x 3	± 5%	DIN EN 12654
Thread Count	Warp Weft	21.7 per 1 cm 21.5 per 1 cm	± 5%	DIN EN 1049
Tensile Strength (typical)	Warp Weft	700 N/cm 650 N/cm		DIN EN 12654
Weight		300 g/m ²	± 5%	DIN EN 12127
Weave		8 shaft satin		DIN ISO 9354
Finished Fabric				
Coating		volan treated after heat cleaning		
Weight		292 g/m ²	± 10%	DIN EN 12127
Thickness (typical)		0.33 mm	± 10%	ISO 4603/E
Tensile Strength (typical)	Warp Weft	325 N/cm 280 N/cm		DIN ISO 4606
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.