



# Cristex Composite Materials

Product: **E 170 P**

**Description:**

114-FK104 is a light weight plain weave glass fibre fabrics made with plied yarns, treated with FK104. FK104 is a multifunctional finish designed for general resin reinforcement and hand layup fabrication. FK104 is compatible for most Polyester, Epoxy and Vinylester Resin Systems. Plied yarn construction increase porosity and improves resin flow and fabric flexibility.

**Technical Data:**

Base Fabric			Tolerance	Test Method
Yarn	Warp Weft	EC9 – 68 x 2 EC9 – 68 x 2	± 5%	DIN EN 12654
Thread Count	Warp Weft	5.8 per 1cm 6.7 per 1cm	± 5%	DIN EN 1049
Tensile Strength (TYPICAL)	Warp Weft	300 N/cm 350 N/cm		DIN EN 12654
Weight		180 g/m <sup>2</sup>	± 5%	DIN EN 12127
Weave		Plain		DIN ISO 9354

Coating: Volan treated after heat cleaning.

Finish Fabric				
Weight		176 g/m <sup>2</sup>	± 10%	DIN EN 12127
Thickness (TYPICAL)		0.28 mm	± 10%	DIN ISO 4603/E
Tensile Strength (TYPICAL)	Warp Weft	150 n/cm 150 n/cm		DIN ISO 4606
Organic Content (TYPICAL)		< 1%		

Note: Technical information furnished is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage and use of products, as well as compliance with applicable legal restrictions, rests with the user