



# Cristex Composite Materials

Product: **E 860 12HS**

**Description:**

3784 is a drape-able heavy weight composite fabric combined with FK800, which is a stiff high performance, multifunctional Amino-Silane finish suitable for laminating with a wide range of resin systems, including phenolics.

3784-FK800 is an 8 shaft satin, and is particularly suitable for tooling composites, where bulk and flexibility are required for tight radius fabrication and compound curves.

**Technical Data:**

Base Fabric			Tolerance	Test Method
Yarn	Warp Weft	EC9 – 136 x 2 EC9 – 136 x 2	± 5%	DIN EN 12654
Thread Count	Warp Weft	16.5 per 1cm 14 per 1cm	± 5%	DIN EN 1049
Tensile Strength (TYPICAL)	Warp Weft	1700 N/cm 1500 N/cm		DIN EN 12654
Weight		860 g/m <sup>2</sup>	± 5%	DIN EN 12127
Weave		High Drape 8 shaft satin		

**Coating:** Amino Silane treated after heat cleaning

Finish Fabric				
Weight		840 g/m <sup>2</sup>	± 10%	DIN EN 12127
Thickness (TYPICAL)		0.95 mm	± 10%	DIN ISO 4603/E
Tensile Strength (TYPICAL)	Warp Weft	TBC n/cm TBC 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