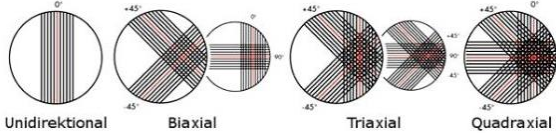


ECPlus – Multiaxial Fabrics



FGOC ECPlus Multiaxial Fabrics are Non-Crimp Fabrics manufactured by laying one or more layers of direct rovings, chopped strands or fabrics in various orientations and stitched together with polyester yarn on state-of-the-art Karl Mayer machine.

These Multiaxial fabrics are made available in unidirectional, biaxial, double bias, triaxial and quadriaxial fabrics. Laminates made of ECPlus Multiaxial fabrics provide:



- fast wet out and optimum reinforcement to resin ratio up to 70%
- excellent dimensional stability & handling properties
- excellent mechanical properties (tensile modulus)
- superior corrosion resistance Vs standard E-glass

PRODUCT FEATURES:

Product Type*	Glass Type	Sizing	Density (g/m ²) (±8 %) ISO 3374	Construction	Width (cm)	LOI (%) (Nom.) ISO 1887	Moisture (%) ISO 3344
Unidirectional	ECPlus	Silane (Multi-compatible)	200 – 1200	0° / 90°	127/254	0.55	0.2max.
Biaxial			300 - 1500	0°/90°, ±45°			
Triaxial			600 - 1800	0°/±45°, 90°/±45°			
Quadriaxial			900 - 2400	0°/90°/±45°			

*Available also with Chopped strands or Fabrics.

PACKAGING:

OD (cm)	Core ID (cm)	Roll*		Rolls / Pallet		Pallet Size V / H (mm)
		width	Weight (Kgs) ±10%	Vertical (V)	Horizontal (H)	
20	7.4	127	52	25	-	1140x1140x13.5 / 2550x1140x13.5
		254	104	-	25	

- Rolls are packed in a PE-sleeve and then stacked on pallet. Other widths available on request.

STORAGE:

- The product should be stored in a cool and dry area, with temperature between 15° C to 35° C and relative humidity below 75%.
- It is advisable to condition the product in the production shopfloor for at least 24hrs before use.
- Pallets should not be stacked more than 2 layers high.



The above information reflects typical values of FGOC's products based on our lab data. However, we do not guarantee its applicability to the user process or assume any liability or responsibility arising out of its use or performance. FGOC reserves the right to change the above data and specifications without prior notice.