

QUADRIAXIAL HYBRID FABRIC

Product Code : SKY800HQ1-127T5T

Material	Fiber Orientation	Areal Weight (g/m ²)	Tolerance	
			Minimum g/m ²	Maximum g/m ²
Carbon Fiber	+45°	84	79,8	88,2
Glass Fiber	+45°	118	112,1	123,9
Carbon Fiber	90°	76	72,2	79,8
Glass Fiber	90°	121	115	127
Carbon Fiber	-45°	84	79,8	88,2
Glass Fiber	-45°	118	112,1	123,9
Carbon Fiber	0°	80	76	84
Glass Fiber	0°	118	112,1	123,9
Polyester Knitting yarns	Tricot	7	5	9
Total		806	764,1	847,9

Fabric Construction:

Stitch Length 2,5 mm

Stitch Pattern Tricot

Stitch Gauge E5

Stitch Materials: Polyester 76 dtex

Carbon Fiber Type: 12K - Toray - T700S-50C*

Glass Fiber Type: Jushi Group - E6DR13-300-386T

Roll Width 127 cm**

Roll Length 50 m

Roll Weight 51,18 kg

*CF and GF compatibility: epoxy, phenolic, polyester, vinyl ester /Toray T700S TDS rev. 4/

**Customized widths are available up to 2,54 meters

