

QUADRIAXIAL HYBRID FABRIC

Product Code : SKY600HQ1-127T5T

| Material | Fiber Orientation | Areal Weight (g/m ²) | Tolerance | |
|--------------------------|-------------------|----------------------------------|--------------------------|--------------------------|
| | | | Minimum g/m ² | Maximum g/m ² |
| Carbon Fiber | +45° | 56 | 53,2 | 58,8 |
| Glass Fiber | +45° | 98 | 93,1 | 102,9 |
| Carbon Fiber | 90° | 50 | 47,5 | 52,5 |
| Glass Fiber | 90° | 100 | 95 | 105 |
| Carbon Fiber | -45° | 56 | 53,2 | 58,8 |
| Glass Fiber | -45° | 98 | 93,1 | 102,9 |
| Carbon Fiber | 0° | 79 | 75 | 83 |
| Glass Fiber | 0° | 89 | 84,6 | 93,5 |
| Polyester Knitting yarns | Tricot | 7 | 5 | 9 |
| Total | | 633 | 599,7 | 666,4 |

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 40,20 kg

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

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

