

**SKY Advanced Materials**  
**The Carbon Fiber Fabric Company**



## QUADRIAXIAL -45°/90°/+45°/0° CARBON FIBER FABRIC

**Product Code : SKY1200Q2-127T5Z**

Material	Fiber Orientation	Areal Weight (g/m <sup>2</sup> )	Tolerance	
			Minimum g/m <sup>2</sup>	Maximum g/m <sup>2</sup>
Carbon Fiber	-45°	300	285	315
Carbon Fiber	90°	300	285	315
Carbon Fiber	+45°	300	285	315
Carbon Fiber	0°	300	285	315
Polyester knitting yarns	Tricot	7	5	9
<b>Total</b>		<b>1207</b>	<b>1145</b>	<b>1269</b>

### **Fabric Construction:**

Stitch Length 2,8 mm  
 Stitch Pattern Tricot  
 Stitch Gauge E5  
 Stitch Materials: Polyester 76 dtex  
 Carbon-Fiber Type: Industrial 50k

Roll Width 127 cm\*  
 Roll Length 50 m  
 Roll Weight 76,64 kg

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