

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



## BIAXIAL $\pm 45^\circ$ CARBON FIBER FABRIC

**Product Code : SKY800B2-127P5Z**

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°	400	380	420
Carbon Fiber	+45°	400	380	420
Polyester knitting yarns	Pillar	5	4	6
<b>Total</b>		<b>805</b>	<b>764</b>	<b>846</b>

### **Fabric Construction:**

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

Roll Width 127 cm\*  
 Roll Length 50 m  
 Roll Weight 51,12 kg

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