

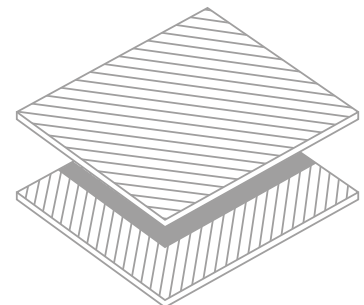
# BIAXIAL $\pm 45^\circ$ CARBON FIBER FABRIC

Product Code : SKY100B2-127P5Y

| 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°              | 52                               | 46,8                     | 57,2                     |
| Carbon Fiber             | +45°              | 52                               | 46,8                     | 57,2                     |
| Polyester Scrim          | Scrim             | 6                                | 5,4                      | 6,6                      |
| Polyester Knitting yarns | Pillar            | 5                                | 4                        | 6                        |
| <b>Total</b>             |                   | <b>115</b>                       | <b>103</b>               | <b>127</b>               |

## Fabric Construction:

|                           |                   |          |
|---------------------------|-------------------|----------|
| <b>Stitch Length</b>      | 2,8 mm            |          |
| <b>Stitch Pattern</b>     | Pillar (Franse)   |          |
| <b>Stitch Gauge</b>       | E5                |          |
| <b>Stitch Materials:</b>  | Polyester 76 dtex |          |
| <b>Carbon Fiber Type:</b> | Industrial 24k    |          |
| <b>Roll Width</b>         | 127 cm*           |          |
| <b>Roll Length</b>        | 50 m              | 100 m    |
| <b>Roll Weight</b>        | 7,30 kg           | 14,60 kg |



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