

# AK Glass

Product Code: 3600-SB

Product Series: Coated Glass Fabric



## Technical Data Sheet

### PHYSICAL PROPERTIES

|                     | <u>SI</u>            | <u>US</u>             | <u>Testing Standard</u> |
|---------------------|----------------------|-----------------------|-------------------------|
| Fabric Weight       | 445 g/m <sup>2</sup> | 13 oz/yd <sup>2</sup> | ASTM D3776              |
| Weave Style         | 3 x 1 Twill          |                       |                         |
| Working Temperature | ≤ 550 °C             | ≤ 1000 °F             |                         |

### CONSTRUCTION

|                                     |                        |               |                           |            |
|-------------------------------------|------------------------|---------------|---------------------------|------------|
| Density                             | <b>Warp count:</b>     | 49.0/in       | ASTM D3775                |            |
|                                     | <b>Weft count:</b>     | 30.0/in       | ASTM D3775                |            |
| Tensile Strength<br>(after coating) | <b>Warp direction:</b> | ≥ 2400 N/25mm | ≥ 245 kg <sub>f</sub> /in | ASTM D5035 |
|                                     | <b>Weft direction:</b> | ≥ 1470 N/25mm | ≥ 150 kg <sub>f</sub> /in | ASTM D5035 |
| Fabric Thickness                    |                        | 0.45 mm       |                           | ASTM D1777 |

### DIMENSION

|             |         |            |
|-------------|---------|------------|
| Roll Width  | 1010 mm | ASTM D3774 |
| Roll Length | 100 m   | ASTM D3773 |

### Quality Assurance

AK Glass Fabric is manufactured under a Quality Management System approved by ISO 9001

### Packaging

AK Glass Fabrics are wound on 7cm diameter core, wrapped in stretch film, secured by bubble wrap, and packed in standard carton box.

Listed below are the standard box dimensions for specified fabric widths. All dimensions are internal measurements.

Fabric Width 1010mm: 26cm x 112cm x 26cm

### Safety

Obtain, read, and understand the Material Safety Data Sheet (SDS) before use of AK Glass and AK Carbon Products

*FOR FURTHER INFORMATION, PLEASE CONTACT US*



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