

# Technical Datasheet – Carbon Woven Reinforcement Fabric

**HinFab™ HGU700**

*700 GSM – Uni Directional Glass Fabric*



Characteristic	Specification	Tolerance	Test Method
Areal Weight (g/m <sup>2</sup> )	<b>700</b>	± 3%	ASTM D3801
Width* (mm)	<b>500</b>	-0/+10mm	ASTM D3774
Dry Fabric Thickness(mm)	<b>0.50</b>	± 0.03mm	ASTM D1777

\*Custom Width available.

<b>WARP</b>	Glass Fiber	98% by weight	
	Advantex® E-Glass SE 1200		
	7.20 ends/inch		
<b>WEFT</b>	Glass Fiber	2% by weight	
	Advantex® E-Glass SE 1200		
	4.00 picks/inch		

Fiber Properties	
Density (g/cm <sup>3</sup> )	<b>2.62</b>
Filament Diameter (µm)	<b>17</b>
Tensile Strength (MPa)	<b>3750</b>
Tensile Modulus (GPa)	<b>80</b>
Elongation (%)	<b>4.8</b>
Sizing	<b>Epoxy Compatible</b>

Typical Packaging
Wound on a cardboard tube, sealed in a polyethylene bag, firmly secured and placed in a cardboard box

Disclaimer
HinFab™ fabrics are manufactured in accordance with Hindoostan Composite Solutions written and published data. A Certificate of Conformance is provided with each shipment.

**Sir Vithaldas Chambers 16, Mumbai Samachar Marg, Mumbai 400001, India.**

**www.hindoostantech.com    Email: [contact@hindoostantech.com](mailto:contact@hindoostantech.com)**