



Win-Win Cooperation

# HY Networks (Shanghai) Co., Ltd.

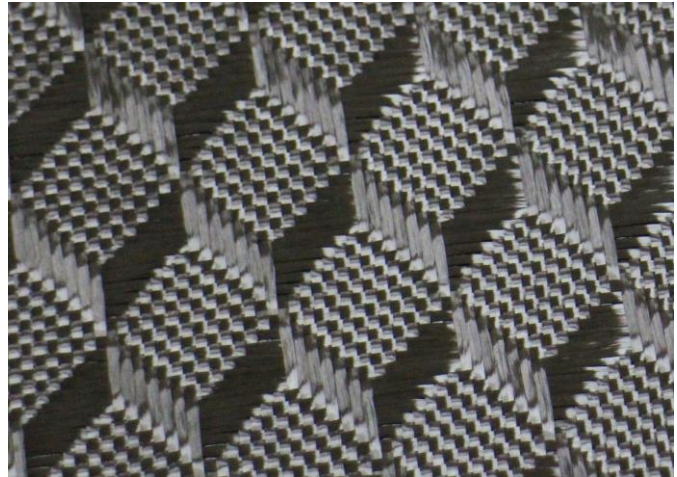
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## Technical Data Sheet

Code No: **CFJ03-3D240**

### Description:

Stereoscopic pattern carbon fiber jacquard fabric is woven by shuttleless loom with 3K carbon fiber filament. Carbon fiber fabric is compatible with various resin systems including epoxy, polyester and vinyl ester resins. Because of so many outstanding features, carbon fiber fabric is widely used in various fields like aerospace, auto parts, sports equipment, building reinforcements, decorations, etc. Comparing to the weaving pattern like plain, twill and satin,



other normal jacquard fabric, stereoscopic pattern is a special designed fabric with a strong stereoscopic visual impact upon the light reflect on the carbon yarn.

### Technical data:

Weaving		Jacquard –Stereoscopic pattern
Yarn	Warp	3K Carbon fiber filament yarn
	Weft	3K Carbon fiber filament yarn
thread count	Warp	6 per cm
	Weft	6 per cm
Weight		240 g/m <sup>2</sup>
Thickness		0.3 mm
Width		50~150 cm

### Advantages:

- Low density with high tensile strength and high modulus
- Extra high temperature resistance under non-oxidizing environment
- Excellent electrical and thermal conductivity
- Good fatigue resistance, abrasion resistance and corrosion resistance
- Good electromagnetic shielding and X-ray permeability
- Insoluble and non-swelling in the organic solvent, acid, alkali