

Specification Sheet

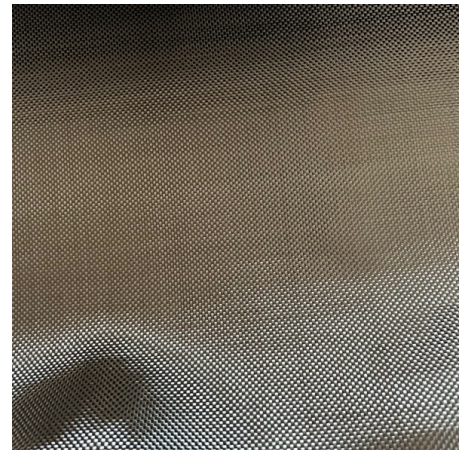
Art No: LW3K-200



**BIEBER-
FLYTEC**

Description: LW4K-200

Carbon fiber plain 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.



Woven	Warp(per cm) 3K Carbon	Weft(per cm) 3K Carbon	Thickness(m m)	Unit weight(gsm)	Width(cm)
Plain	5 ±5%	5 ±5%	0.25 ±5%	200 ± 5%	100

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

All information is believed to be accurate but is given without acceptance of liability. Users should make their own tests and experiments of the useability of any product for the purpose required.