

Specification Sheet

Art No.: SPT16SB-100



**BIEBER-
FLYTEC**

Description: SPT16SB-100

The carbon fiber spread tow fabric is woven by 12K 16mm carbon spread tow back side with special binder, compared with normal carbon woven fabric, it's much thinner. 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.



Technical data:

Woven	Warp(mm)	Weft(mm)	Thickness(mm)	Unit weight(gsm)	Width(cm)
Plain	16 ±5%	16 ±5%	0.11 ±5%	100 ± 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.