

## Technical Data Sheet

Code No: **C03K15PI-195**

### Description:

C03K15PI-195 carbon aramid interval hybrid fabric is woven by shuttleless loom with 3K carbon fiber yarn and 1500D aramid fiber yarn, so It has both good performance of carbon and aramid, it also has a good looking because of the different color of carbon and aramid. Because of outstanding features of carbon and aramid, it is widely used in the fields of reinforcement. Because of the beautiful outlooking, it is used on decoration.



### Technical data:

Weaving		Plain
Yarn	Warp	3K Carbon, 1500D aramid (2+1)
	Weft	3K Carbon, 1500D aramid (1+2)
thread count	Warp	5.25 per cm (3.67 Carbon + 1.67 Aramid)
	Weft	5.25 per cm (1.83 Carbon + 3.34 Aramid)
Weight		195 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