



Win-Win Cooperation

HY Networks (Shanghai) Co., Ltd.

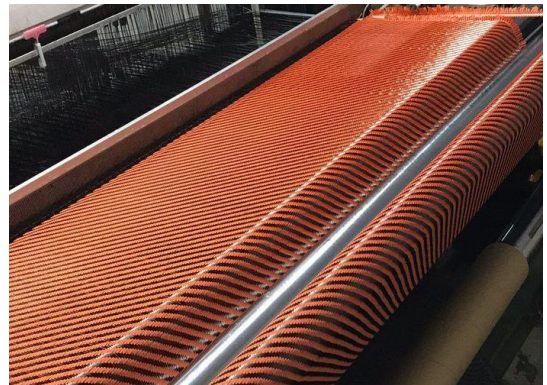
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Technical Data Sheet

Code No: **C03K15T4-240**

Description:

C03K15T4-240 carbon aramid hybrid fabric is 4x4 twill carbon red Kevlar aramid hybrid fabric for sale is woven by 3K carbon fiber filament yarn with 1500D red Kevlar aramid fiber filament yarn, carbon aramid fabric has the great performance of composite materials in impact strength, rigidity and tensile strength. The main role of hybrid fabric is to increase the intensity of the civil construction, bridges and tunnels, vibration, reinforced concrete structure and stronger materials. This pattern design looks bigger than 2x2 twill, because the warp yarns are 4 up and 4 down when the weft yarn go through during the weaving.



Technical data:

Weaving		4X4 twill
Yarn	Warp	3K Carbon
	Weft	1500D aramid
thread count	Warp	7 per cm
	Weft	6 per cm
Weight		240 g/m ²
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