

CFRP Fabric Products:

1. WCF Fabric 200 GSM Bi Directional
2. WCF Fabric 300 GSM Uni Directional
3. WCF Fabric 400 GSM Uni Directional
4. WCF Fabric 600 GSM Uni Directional
5. WCF Fabric 900 GSM Uni Directional

Type Polyacrylonitrile (PAN) based carbon fiber with our own precurs acrylonitrile (P itrile (PAN) based carbon fiber w A th our own precursor technology

Tow Properties (Number of Filaments : 12,000/24,000 for H2550, 12,000 for H3055)

| Product Code | SI Uuit | | US Uuit | | |
|-------------------|----------------------------|----------------------------|------------------------------|------------------------------|-----------|
| | H2550 | H3055 | H2550 | H3055 | |
| Filament Diameter | 7.0 (,) | 5.0 (,) | 2.8 x 10 ⁻⁴ (in.) | 2.0 x 10 ⁻⁴ (in.) | ISO 11567 |
| Tensile Strength | 4,900 (MPa) | 5,500 (MPa) | 711 | 798 (ksi) | ISO 10618 |
| Specific Tensile | 28.1 x 10 ⁴ (m) | 31.5 x 10 ⁴ (m) | 92.2 x 10 ⁴ (ft) | 103.5 x 10 ⁴ (ft) | ISO 10618 |
| Strength Tensile | | | 36.3 | | |
| Modulus | 250 (GPa) | 290 (GPa) | 46.9 x 10 ⁶ (ft) | 42.1 (Msi) | ISO 10618 |
| Specific Tensile | 14.3 x 10 ⁶ (m) | 16.6 x 10 ⁶ (m) | 2.0 | 54.4 x 10 ⁶ (ft) | ISO 1889 |
| Modulus Tensile | | 1.9 (%) | 1,860 (ft/lbs) | (ft) 1.9 | ISO 10119 |
| Strain | 2.0 (%) | 445(g/km) | 902 (ft/lbs) | (%) | |
| Yield | 12k 800 | N/A | 3,344 (ft/lbs) | | |
| Yield | 24k 1,650 (g/km) | | | | |
| Fiber Density | 1.78 (g/cm ³) | 1.78 (g/cm ³) | 0.064 (lbs/in ³) | (ft/lbs) | |
| | 1.78 | | | N/A | |
| | | | | 0.064 (lbs/in ³) | |

Size Content by Mass

1.0 (% , w/w)

USES BANTEK WCP10 C may only be used by experienced professionals.

Strengthening of reinforced concrete, masonry, brick-work and timber elements or structures, to increase flexural and shear loading capacity for :

- Improved seismic performance of masonry walls
- Replacing missing steel reinforcement
- Increasing the strength and ductility of columns
- Increasing the loading capacity of structural elements
- Enabling Changes in use/alterations and refurbishment
- Correcting structural design and / or construction defects
- Increasing resistance to seismic movement



- Improving service life and durability

| | |
|---------------------------------|-----------------|
| NAME OF ITEM:BC -200 | |
| BRAND NAME:BANTEK WCF 10 | |
| Measurements: | |
| GSM | 200 |
| Width | 1000mm |
| Roll Length | 50 Meter |
| Minimum order quantity | 10mtr |
| Design | |
| Twill/Plain | |
| Thickness | 0.28mm |
| HSN CODE | 68151090 |



PCOMPOSITES-CF FABRIC 200 GSM Twill Weave

Office No- 47/2/2, B No- 16, Shop No- 3, Ajit Hills, Shriram Nagar, Gujarwadi Road,
 Near Unity Public School, Katraj, Pune, Pune, Maharashtra, 411046
[Email bantek.india@gmail.com](mailto:bantek.india@gmail.com)
 Website. www.bantek.co.in
 Phone+91-95612-19085
 PHONE+91-95612-19085



Description:

3K, 2x2 Twill Weave This twill weave is most popular carbon fiber fabric, with a signature appearance that is highly desirable for modern composite parts in the auto, marine, and sporting goods industries. As compared to plain weave counterparts, the twill weave offers greater conformability and delivers a slight edge in strength.

Carbon Fiber Fabric Uni Directional Products:

| | |
|----------------------------------|------------------------|
| NAME OF ITEM:BC 300 | |
| BRAND NAME: BANTEK WCF 10 | |
| Measurements: | |
| GSM | 300 |
| Width | 500mm |
| Roll Length | 50 Meter |
| Design | Uni Directional |
| Thickness | 0.32mm |
| HSN CODE | 68151090 |



PCOMPOSITE- CF Fabric 300 GSM Unidirectional

Office No- 47/2/2, B No- 16, Shop No- 3, Ajit Hills, Shriram Nagar, Gujarwadi Road, Near Unity Public School, Katraj, Pune, Pune, Maharashtra, 411046

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| | |
|----------------------------------|------------------------|
| NAME OF ITEM: BC 400 | |
| BRAND NAME: BANTEK WCF 10 | |
| Measurements: | |
| GSM | 400 |
| Width | 500mm |
| Roll Length | 50 Meter |
| Design | Uni Directional |
| Thickness | 0.42mm |
| HSN CODE | 68151090 |



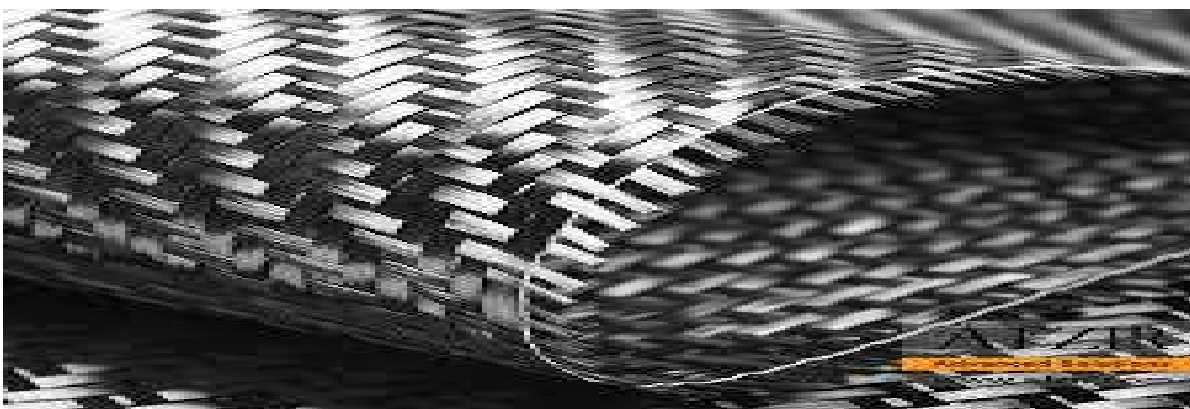
PCOMPOSITES – CF Fabric 400 Unidirectional

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PCOMPOSITES- CF Fabric 400 GSM Uni directional

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|----------------------------------|------------------------|
| NAME OF ITEM:BC -600 | |
| BRAND NAME: BANTEK WCF 10 | |
| Measurements: | |
| GSM | 600 |
| Width | 500mm |
| Roll Length | 50 Meter |
| Design | Uni Directional |
| Thickness | 0.63mm |
| HSN CODE | 68151090 |



PCOMPOSITES- CF Fabric 600 GSM Uni Directional

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| | |
|----------------------------------|------------------------|
| NAME OF ITEM:BC -900 | |
| BRAND NAME: BANTEK WCF 10 | |
| Measurements: | |
| GSM | 900 |
| Width | 500mm |
| Roll Length | 50 Meter |
| Design | Uni Directional |
| Thickness | 0.9mm |
| HSN CODE | 68151090 |



PCOMPOSITES- CF Fabric 900 GSM Uni Directional

Description:

Unidirectional woven high strength, high modulus of elasticity flexible carbon Fiber Fabric. This FRP system is defined as the Carbon Fiber Fabric and resin used to create the composite laminate, all applicable resins use to bound it to the concrete substrate, and all applied coating use to protect the material. Oil field industries.

