



# Basalt fiber CLOTH

used in bridge construction, wind turbine blades, boats, automobiles, sports equipment and other fields.

## MODEL DESCRIPTION

BF WR-600-90-P

P—plain; T—twill; S—satin

Width, cm

Weight per square meter ( g/m<sup>2</sup> )

Rovings

basalt fiber

## DESCRIPTION

The basalt fiber cloth of our company adopts twisted or untwisted basalt continuous fibers as raw materials, and is woven with plain, twill and satin weaves. Divided into unidirectional cloth, bidirectional cloth and multi-directional cloth. Relying on the temperature resistance, corrosion resistance, high strength and modulus, and electrical insulation of basalt fiber, it is processed by hand lay-up, pultrusion, autoclave, vacuum introduction, winding, resin transfer and other processes, combined with unsaturated polyester resin (UP) or epoxy resin (EP).

## FEATURES

high temperature resistance, corrosion resistance, excellent physical and chemical properties; high strength, small thickness, good flexibility; parallel and straightening yarn, excellent mechanical properties; more direction mechanical performance can design according to the actual need freedom enhancement effect.

## TECHNICAL SPECIFICATIONS

Type	Density (filament/10cm)		Width (mm)	Thickness (mm)	Moisture content (%)	Fracture strength (N/5cm)
	0° (Longitude)	90° (Latitude)				
BFWR-155-1000-P	60±0.5	55±1	1000±5	0.12± 0.02	≤ 0.2	≥1400
BFWR-300-1000-P	55±0.5	55 ±1	1000±5	0.28± 0.02	≤ 0.2	≥3150
BFWR-400-1000-P	50±0.5	50±1	1000±5	0.35± 0.02	≤ 0.2	≥4200
BFWR-330-1000-T	62.5±0.5	62.5±1	1000±5	0.30± 0.02	≤ 0.2	≥3150

Storage: It should be stored in a dry and cool place with recommended temperature of 15-35℃ and relative humidity of 30-70%. Please do not open the package unless you not use it , avoid moisture.

## PACKAGING INFORMATION

### Requirements for paper spindles:

1. Strength requirement of paper shaft: capable of carrying 50kg. 2. Both ends of the paper shaft are required: a small hole at one end and a U-shaped slot at the other end to fix the paper shaft. 3. The size requirements of the paper shaft: long\*diameter outer warp\*inner diameter mm, (L: workshop requirements ±1) \* (φ 110 ±1) \* (φ 100 +1/-0 mm).

### Requirements for plastic bags:

1. Size requirements: length \* width mm: (1500 \*500) mm.

2.Strength requirements: 10s in thickness

### Carton requirements:

1. Strength requirements of cartons: capable of carrying 50kg. 2.Internal size requirements of cartons: length \* width \* height: 1090\*230\*230mm. 3.External size requirements: length \* width \* height: 1100\*2350\*232mm.

### Requirements for paper liners:

Paper liner size requirements: length\*width \*thickness: 225\*225\*40mm, medium hole diameter 110mm