

19 We offer complete ranges of carbonized fiber packing and carbon fiber packing.

According to the different requestments, we manufacture the carbon packings with lubricating materials and reinforced materials.

Carbonized Fiber Packing



Carbonized fiber packing braided from shrink-proof synthetic fiber impregnated with PTFE, Silicone-oil-free. Oxidized fiber has high strength and good thermal conductivity, PTFE makes the packing have excellent self-lubrication.

Description

Carbonized fiber packing is braided from carbonized fiber yarns, impregnated with PTFE dispersion. It is inert to almost all corrosive chemicals. It can replace PTFE asbestos packing within wide service range.

Typical Application

- >Be used in weak acids and alkalis or media containing few grains of solid particles
- >Mainly used for centrifugal pumps, plunger pumps, mixers and valves.

Prime Features

- >Without cooling it can be used with hot water up to 160 °C , with cooling up to 207 °C.
- >Does not damage shafts and has long life
- > Excellent self-lubrication



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Technical Data

Material		100% carbonized fiber and PTFE
Temperature Range		-50 up to +280 °C atmosphere
Process	Rotating	20 bar
	Reciprocating	100 bar
	Static	200 bar
Shaft Speed		25m/s in rotary
PH		2~12
Density		1.1~1.3g/cm3

Carbonized Fiber Packing with Graphite

Carbonized fiber impregnated with PTFE dispersion containing graphite particles. The packing has excellent self lubrication.

Description

Carbonized fiber packing with PTFE dispersion containing graphite particles. PTFE and Graphite makes the packing have excellent self lubrication.

Carbonized Fiber Packing Reinforced with Nickel Wire Reinforced with inconel wire to provides increase mechanical strength, usually for static.

Typical Application

- > Used in weak acids and alkalis or media containing few grains of solid particles
- > Both dynamic and static
- > Main used for centrifugal pumps, plunger pumps, mixers and valves.

Prime Features

- >Particularly idea for hot water, condensate and main coolant pumps.
- >Can be used instead of Asbestos fiber packing

Technical Data

Material		100% carbon fiber yarns and PTFE and graphite
Temperature Range		-50 up to +280°C atmosphere;
Process	Rotating	20 bar



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	Reciprocating	100 bar
	Static	200 bar
Shaft Speed		20m/s in rotary
PH		2~12
Density		1.2~1.4g/cm ³

Carbon Fiber Packing

Carbon fiber packing braided from strong carbon continuous yarns after softening, impregnated with proprietary lubricants and graphite particles, with fill voids, act as a break-in lubricant, and block leakage

Description

Carbon Fiber Packing Reinforced with Inconel Wire

Reinforced with inconel wire to provides increase mechanical strength, usually for static.

Typical Application

- >Used for stuffing boxes of pumps or valves
- >Be used as anti-extrusion ring
- >Handle water, steam, acids and alkalis for power stations, boiler plants, etc.

Prime Features

- >High pressure and high temperature application
- >Perfect seal for dry-running equipments like ventilators and fans
- >Seats quickly, break-in without extensive adjustments.

Technical Data

Material		100% carbon fiber yarns
Temperature Range		-50 up to +650°C atmosphere;
Process	Rotating	25 bar
	Reciprocating	100 bar
	Static	200 bar
Shaft Speed		20m/s in rotary
PH		2~12



Kingwell Fibre

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Density	1.2~1.4g/cm3
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