

Graphi-Braid Compression Packing

Graphi-Braid brand graphite compressions packing is braided from specially treated flexible graphite yarn. This flexible graphite yarn is made from exfoliated high purity crystalline mineral graphite (flake graphite). It maintains all characteristics of mineral graphite: heat resistant, chemical resistant, resilient, lubricant, pliable, conformable, and thermal conductive.

Graphi-Braid 1000 - *Standard Style-100% Graphite*

Braided from high purity flexible graphite yarn with high temperature inorganic carrier.

This is the standard style flexible graphite packing.

Construction: Interlock braid (except small sizes)

Working Temperature:

Up to 850°F if fully expose to air;

Up to 1800°F in steam or other mild oxidation medium;

Up to 5400°F in non-oxidizing media

pH: 0-14 Pressure: Up to 3000 psi Shaft Speed: Up to 4000 FPM

Application: Pumps and valves, in wide range of temperature, pressure and chemical environment.



Graphi-Braid 1000W - *Inconel Wire Inserted for Reinforcement*

Braided from high purity flexible graphite yarn with Inconel Wire insert.

Construction: Interlock braid (except few small sizes)

Working Temperature:

Up to 850°F if fully exposed to air;

Up to 2000°F in steam or other mild oxidation medium

pH: 0-14 Pressure: Up to 4000 psi

Application: Valves, in wide range of temperature, pressure and chemical environment



Graphi-Braid 1000C - *With Carbon Fiber Tow Reinforced in the Corners*

Braided with standard flexible graphite yarn on body, and with carbon fiber on corners

Construction: Interlock braid

Working Temperature:

Up to 850°F if fully expose to air;

Up to 1500°F in steam or other mild oxidation medium

pH: 0-14 Pressure: Up to 4000 psi Shaft Speed: Up to 4000 feet per minute

Application: Pumps and valves, in wide range of temperature, pressure and chemical environment.



Please call or email for prices & samples.

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