

Graphite Packing Reinforced with Metal Wire



Description:

Graphite packing reinforced with wire is braided from expanded graphite yarns, reinforced with metal wire, normally reinforced with inconel wire. It retains all the inherent benefits of flexible graphite packing. The wire reinforcement provides greater mechanical strength, used for high pressure and temperatures.

Typical Application:

- > Flexible graphite packing is a multi-service packing capable of a wide variety of uses throughout a plant.
- > It can be used in valves, pumps, expansion joints, mixers and agitators in high-pressure and temperature.
- > Excellent for use in steam turbines, high temperature motor-actuated valves
- > High temperature and high pressure valve applications in general.

Prime Features:

- > It can be reinforced with nickel, stainless steel, copper, etc.
- > High pressure, high temperature
- > Wide variety of uses throughout a plant
- > Precaution: in oxidizing environment may use with anti-extrusion packing rings.

Technical Data:

Material		100% Expanded Graphite Yarn and Metal Wire
Temperature Range		-200 up to +555 oC atmosphere; -200 up to +650oC in Steam
Process	Rotating	5 Mpa
	Reciprocating	15 Mpa
	Valves	30 Mpa
Shaft Speed		23m/s in rotary
PH		0~14
Density		1.5 g/cm3



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