

# Flexible Graphite Packing



## Description:

Flexible graphite packing braided from expanded graphite yarns, reinforced of cotton fiber, glass fiber, carbon fiber, etc. It has good thermal and chemical resistance and high elasticity. Low friction does not damage shafts and stems.

## 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.
- > Effective sealing is vital.

## Prime Features:

- > Reinforced with glass fiber: high strength, lower cost
- > Reinforced with carbon fiber: less weight loss
- > Good thermal and chemical resistance and high elasticity.

## Technical Data:

Material		100% Expanded Graphite Yarn
Temperature Range		-200 up to +555 oC atmosphere; -200 up to +650oC in Steam
Process	Rotating	3 Mpa
	Reciprocating	10 Mpa
	Valves	20 Mpa
Shaft Speed		20m/s in rotary
PH		0~14
Density		1.3~1.5 g/cm3



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