

## 16.1 Flexible Graphite Packing



Flexible graphite packing are braided from flexible graphite yarns, which are reinforced by cotton fiber, glass fiber, carbon fiber, etc. It has a very low friction, good thermal and chemical resistance and high elasticity.

### 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
- > Good thermal and chemical resistance and high elasticity.

### Technical Data

Material	100% Expanded Graphite Yarn
Temperature Range	-200 up to +555 °C atmosphere; -200 up to +650°C in Steam
Process	Rotating: 3Mpa
Reciprocating	10 Mpa



## Kingwell Fibre Materials Co.,Ltd

Valves	20 Mpa
Shaft Speed	20m/s in rotary
PH	0~14
Density	1.3~1.5 g/cm3