# **Pure Graphite PTFE Packing**



### **Description:**

Graphite PTFE Packing is a specially engineered yarn combining graphite and PTFE. As both PTFE and graphite are excellent sealing materials, this gives GPTFE packing great sealing properties that other products can not offer.

#### **Typical Application:**

- > For used in pumps, valves, reciprocating and rotating shafts, mixers and agitators
- > Can be safely used in all chemical pump applications with the exception of molten alkali materials, fluoride, fuming nitric acid and other strong oxidizing agents.
- > It is against water, steam, petroleum derivatives, vegetable oil and solvents.

#### **Prime Features:**

- > Tough and durable
- > Self-lubricant, heat and chemical resistant.

#### **Technical Data:**

Material Temperature Range		100% Pure Graphite PTFE yarn  -150 up to +280 °C	
Process	Rotating	20 bar	
	Reciprocating	100 bar	
	Static	150 bar	
Shaft Speed		16m/s	
PH		0~14	
Density		1.4~1.6g/cm <sup>3</sup>	



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