

Flexible Graphite Packing with Inconel Wire

Style 3006

Description

Flexible Graphite Packing with Inconel Wire is produced from higher purity graphite which is flexible and shaped in to a yarn could be woven and then braided in a special design with inconel wire reinforcement. This particular style braided packing retains all properties of typical graphite packing, has got very low factor of rubbing and will not damage a shaft. It has fantastic heat conductivity, thermal resistance, chemical steadiness and high resilience as well as it is definitely suggested for used in high temperature and high pressure. The inserted inconel wire gives large mechanical resilience.

Beside inconel wire, the flexible graphite packing can be reinforced with ss304, ss316 wire or mesh. The packing size can be made as custom need, usually from 3mm to 70 mm in square cross section. The density is about 1.2g/cm³.

Application

This unique extended life, minimum leakage Flexible Graphite Packing with Inconel Wire is ideal for usage in pumps, valves, mixers, agitators as well as fixed sealing applications against all acids, alkalis and solvents (except strong oxidizing materials for example concentrated nitric and sulphuric acids and molten alkali metals). This product can be ideal to be used against boiler feed normal water and superheated or saturated steam.

Data Sheet

Temperature	-	Pressure Limit	-
Min Temp	- 250 °C	Static	300 bar
Max Temp	450 °C	Rotating	32 bar
-	650 °C in steam	Reciprocating	100 bar
Shaft Speed	22m/s	Ph	0 - 14



Advantages

Flexible graphite packing with inconel wire is suitable for a very wide range of applications, reduce maintenance time and cater for very demanding duties.

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