

## Technical Data Sheet



### FMP 400IW Expanded Graphite Packing With Wire Inconel

#### CONSTRUCTION:

This is expanded graphite packing made from self Expanded pure graphite yarn reinforced with high Temperature inconel wire. It was made through specially Developed process in which flexible graphite flake as a Principle material along with different types of Reinforcement & suitable binder.



#### FEATURES:-

It resists many strong chemicals, reduces shaft wear, and requires less run in. low coefficient of friction & excellent thermal conductivity.

This packing is resistant to heat & chemical & tight in sealing. It is used in the steam valve of power plant, as a static sealing in high temperature & pressure condition. It is unique new compressed seal packing.

#### APPLICATION:-

This packing is used to seal hot water, high temperature, high pressure steam, heat exchange agent, hydrogen, ammonia, organic solvent hydrocarbon, & other seal medium. Its is also used in pump spindle, cylinder rod, valve rod, centrifugal pumps, reciprocating pumps, boiler feed pumps, valves, non oxidizing liquid, fuels & chemicals etc.

#### OPERATIONAL PARAMETER:-

PROPERTIES		VALUES
Pressure ( in Bar)	Rotating	30
	Oscillating	150
	Fixed	350
Temperature (in °C)		-240 to +650
PH		0-14
Density (in Grams/CC)		1.0 to 1.2
Sizes (in MM <sup>2</sup> )		3 to 50

**Note:-**All information & recommendation given in this brochure are correct to the best of our knowledge.

However in the view of the wide variety of possible installation & operating conditions one cannot draw the final conclusion in all application cases regarding the behavior in packing. Therefore, information can only serve as a guideline.

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