

TECHNICAL DATA SHEET




Expanded Graphite Metallic Packing **INMARCO STYLE 100FXI**

Description:

STYLE 100FXI is manufactured from premium expanded graphite fibre yarn having minimum carbon content 98% reinforced with inconel wire. This is braided and thoroughly impregnated with proprietary Hitherm dispersion based on fine graphite and also incorporated with sacrificial metal corrosion inhibitor to prevent equipment from galvanic corrosion which leads to pitting on the stem & body.

STYLE 100FXI the soft expanded graphite fibers are secured by strong but resilient inconel wire which ensures high pressure resistance. On demand the yarns can also be reinforced with multiple inconel wire to resist pressure surge.

Operational Parameters:

PROPERTIES			
pH	0-14		
TEMPERATURE (°C)	-240 to +650 in oxidizing media (3315°C in non oxidizing media)		
PRESSURE (BAR)	500		
VELOCITY (m/s)	---		
SIZE	3mm ² to 90mm ²		

Advantages:

- ❖ Self generating lubrication accommodates and aids self adjustment on tightening of the gland.
- ❖ Hi-therm lubrication developed by us, in-house R & D prevents the body and shaft leakage on static or dynamic equipments.

Typical Applications:

Valves, Autoclaves, Rotary Kiln, etc.

Service Media:

Superheated and Saturated steam, Hydrocarbon, Thermic fluid, Petrochemical, Hot oil, etc.

All information and recommendations given in this technical data sheet are correct to the best of our knowledge. However, in view of the wide variety of application and operating conditions one cannot draw the final conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.

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