



Innovations in Fluid Sealing



## TECHNICAL DATA SHEET

# Special Expanded Graphite Metallic Packing **INMARCO STYLE 800**

### Description:

**STYLE 800** is a Premium Grade Expanded Graphite fibre yarn packing reinforced with Inconel/SS Wire having a core of bunch of carbonised filament. The packing is also impregnated with proprietary Hitherm dispersion based on fine Graphite and Sacrificial metal Corrosion Inhibitor.

**STYLE 800** is an improved Hi-Tech packing basically designed for Valves gland rating from 150 to 3000 class. This packing is also able to withstand extreme Pressure Surge and ensures a longer leakage free life.

### Operational Parameters:

PROPERTIES	VALUES
pH	0 - 14
TEMPERATURE (°C)	-240 TO 650 (1200°C in Non oxidizing media)
PRESSURE (BAR)	300
VELOCITY (m/s)	---
SIZE	6mm <sup>2</sup> to 50mm <sup>2</sup>

### Advantages:

- ❖ The Soft expanded graphited fibre is secured by strong but resilient inconel wire which ensures flexibility for wrapping around small diameter Shaft & Spindle.
- ❖ The core of bunch of carbonised yarn increases the tensile strength to withstand high pressure at the same time high temperature.
- ❖ 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 equipment.

### Typical Applications:

Valves, Dryers, Autoclaves, etc.

### Service Media:

Superheated & Saturated Steam, Hydrocarbon, gases, Ammonia, Hydrogen, Petrochemicals, 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.

INMARCO FZC

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