




**TECHNICAL DATA SHEET**

**Fire Safety & Fugitive Emission Tested Packing**  
**INMARCO STYLE 100FXI SPECIAL**

**Description:**

**STYLE 100FXI SPECIAL** is a premium expanded pure graphite (carbon content 99.5 to 99.9%) fibre yarn braided packing, each yarn of which is reinforced with multiple inconel wire, thoroughly incorporated with inorganic passive corrosion inhibitor & special lubricating agents. This passive corrosion inhibitor safeguards parent equipment from galvanic corrosion and also reduction of loss on ignition. Each yarn is jacketed with inconel wire mesh. Reinforcement & jacketing with inconel wire mesh in each yarn enables the packing to withstand extreme mechanical stress and cyclic loads.

**Operational Parameters:**

PROPERTIES			
pH	0-14		
TEMPERATURE (°C)	-240 to +650		
PRESSURE (BAR)	500		
SIZE	3mm <sup>2</sup> to 50mm <sup>2</sup>		

**Benefits:**

- ❖ A special lubricating agent reduces stem friction & corrosion inhibitor prevents pitting due to galvanic corrosion.
- ❖ Very high sealing efficiency even on oscillating valve stems without much wear and tear.
- ❖ The reinforcement & jacketing of inconel wire enhances the strength of packing & withstand high temperature & pressure.

**Advantages:**

- ❖ Excellent sealing under mechanical & thermal stress or cyclic loads.
- ❖ Low wear and tear means long sealing life.
- ❖ Emission much below the EPI limits.
- ❖ Highly resistant to pressure and extrusion.

**Typical Applications:**

Valves, Screw conveyers, Dryers, etc.

**Service Media:**

All non oxidising liquids & gases, Super heated & Saturated steam, Hot dry ash, Flue gases, Dyes & Chemicals, Emissive fluids, Fuel Oil & Lube oil, Thermic fluid, Hydrocarbons, 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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