

**TECHNICAL DATA SHEET**

## Special Control Valve Packing

### **INMARCO STYLE 503**

**Description:**

**STYLE 503** is a unique combination packing of expanded graphite yarn and carbon fibre yarn. This is one of the best solutions of sealing for all type of high pressure and high temperature valves especially in **Control Valves**.

**STYLE 503** is also extremely suitable for soot blower application.

**STYLE 503** is having a core consist of expanded graphite yarn reinforced with multiple inconnel wire further jacketed with fine inconnel wire mesh. The outer cover of the packing is braided with high strength-low friction-non scoring carbon yarn.

**STYLE 503** is finally incorporated with **INORGANIC PASSIVE CORROSION INHIBITOR** and graphite based proprietary **HITHERM** dispersion. This passive corrosion inhibitor safeguards parent equipment from galvanic corrosion and also reduction of **LOSS ON IGNITION**.

**Operational Parameters:**

<b>PROPERTIES</b>	<b>VALUES</b>
pH	0-14
TEMPERATURE (°C)	-250 to +650
PRESSURE (BAR)	500
VELOCITY	---
SIZE	3mm <sup>2</sup> to 50mm <sup>2</sup>

**Advantages:**

- ❖ This packing does not disintegrate on cutting.
- ❖ **HITHERM** dispersion acts as a blocking agent.
- ❖ This packing adopts to worn out surface and pitting with smooth running.
- ❖ Dissipates heat without chemical hardening.
- ❖ Extremely smooth removal during shutdown.

**Typical Applications:**

All types of Valves and Soot blowers, Specially Control Valve.

**Service Media:**

Hydrocarbon, Super heated & Saturated steam, Thermic fluid, Ammonia, Fuel oil, Lube oil, Non oxidizing liquids & gases, Amides, Dyes, Chemicals & Acids, Gasoline, 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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