



Innovations in Fluid Sealing



## TECHNICAL DATA SHEET

# High Temperature Static Seal **INMARCO STYLE 160M**

### Description:

**STYLE 160M** an excellent hybrid combination non asbestos packing rope for static sealing application. The packing has a central core of **Inorganic bulk fibre** and outer braided jacket with gas & heat resistant inorganic filament yarn. The packing is a combination of extremely high mechanical strength and resiliency which is most important in sealing application. The final braided rope is treated with a special chemical (**Microlite Compound**) to increase its **temperature resistance and make the rope fire retardant**.

**STYLE 160M** do not cause any itching sensation on human skin as caused by conventional ceramic yarn/packing.

**STYLE 160M** is extremely very good packing for coke oven door sealing, caulking, furnace door sealing, BF toyer assembly, etc. because of extremely good resiliency and also extremely low loss on ignition.

### Operational Parameters:

PROPERTIES	VALUES
Temperature (°C)	1400
Thermal Conductivity	0.16 WMK (@ average 1400°C)
Loss on Ignition	10% max. @ 1400°C
Sizes	12mm sq/dia -100mm sq/dia

### Advantages:

- ❖ Extremely high thermal and electrical insulating properties.
- ❖ No embrittlement or abrasion to metallic parent equipment.
- ❖ Do not cause itching sensation on skin.
- ❖ Negligible volume loss during operation due to extremely low loss on ignition.
- ❖ Negligible volume loss leads to longer leakage-free operational life.

### Service Media:

Superior heated and saturated steam, non oxidizing liquids and gases, Hot blast, Molten Alumina, Flue gas, etc.

### Typical Application:

Hot blast valve, furnace door sealing, BF toyer assembly, Coke oven door sealing & caulking, Mill door sealing, Pouring ladle, 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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