

**TECHNICAL DATA SHEET**

**Aramid & PTFE Combination Packing with PTFE Cord**  
**INMARCO STYLE 105SUT**

**Description:**

**STYLE 105SUT** is a dense braided combination gland packing having aramid yarn corners with PTFE yarn faces in highly resilient but high tensile core of extruded and expanded PTFE cord. The aramid yarn is lubricated with highly antifrictional fluoropolymer dispersions & break-in lubricant, while the PTFE faces are lubricated with high temperature resisting inert lubricant.

**STYLE 105SUT** excellent strength coupled with dimensional stability in service. Strong aramid fibre avoids corner failures in reciprocating plunger pump. The PTFE fibre ensures low friction, cool shaft runs eliminating wear and tear to plunger & valve stems. The strong PTFE cord core provides extremely high pressure resistance.

**Operational Parameters:**

PROPERTIES			
pH	1-13		
TEMPERATURE (°C)	-200 to +280		
PRESSURE (BAR)	150	500	500
VELOCITY (m/s)	25	20	---
SIZE	5mm <sup>2</sup> to 35mm <sup>2</sup>		

**Typical Applications:**

Centrifugal reciprocating & plunger pumps, Valves, Agitators, Extruders, Mixers, Reactors etc.

**Service Media:**

Ammonia, Urea & Carbamate condensate in fertilizer industry, Amide, Fine slurries, Detergents, Pigments, Dyestuffs, Paints, Emulsions, Synthetic molten material, Tri sodium phosphate, Hydrazine, Sodium hexameta phosphate, Water, etc.

**Advantages:**

- ❖ Dense construction & excellent sealability.
- ❖ High pressure compatibility.
- ❖ Extremely durable packing for ammonia and carbamate solution.
- ❖ Can be used as lip seals.
- ❖ Wide chemical & abrasion resistance & high penetration.

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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