

**TECHNICAL DATA SHEET**

**Aramid PTFE Graphite & PTFE Cord Packing**  
**INMARCO STYLE 107PT**

**Description:**

**STYLE 107PT** is a special combination packing manufactured with a tough but smooth aramid fibre yarn at the corners and PTFE graphite solid yarn at the faces having core of high density extruded and expanded PTFE cord. The aramid yarn is impregnated with highly antifrictional fluoropolymer dispersion and special break-in-lubricant.

**STYLE 107PT** is resistant to almost all known chemicals and also resistant to abrasion. This packing has excellent heat dissipation properties and cool run due to integral graphite on the faces. The aramid yarn at the corners prevents corner failures in reciprocating plunger pump. The strong extruded and expanded PTFE core provides extremely high pressure resistance and resiliency.

**STYLE 107PT** is compact and dimensionally stable packing which ensures longer leakage free performance.

**Operational Parameters:**

PROPERTIES			
pH	1-13		
TEMPERATURE (°C)	-240 to +280		
PRESSURE (BAR)	200	500	500
VELOCITY (m/s)	25	20	---
SIZE	6mm <sup>2</sup> to 50mm <sup>2</sup>		

**Typical Applications:**

Pumps, Valves, Reactors, Autoclaves, Mixers, Agitators, etc.

**Service Media:**

Fine chemical slurry, Liquid ammonia & ammonium compounds, Carbamate solutions, Fuel & Lube oil, Hydrazine, Emulsions, Tri sodium phosphates, Sodium phosphates, Sodium hexamata phosphate, Slurry, Black & Green liquor, Paper pulp, Pulp diluted with water, Water contamination, 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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