

TECHNICAL DATA SHEET

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




Description:

STYLE 107 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 aramid yarn. The aramid yarn is impregnated with highly anti-frictional fluoropolymer dispersion and special break-in-lubricant.

STYLE 107 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 avoids corner failures in reciprocating plunger pump.

STYLE 107 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 ² to 50mm ²		

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 Hexamate phosphate, black & green liquor, paper pulp, Pulp diluted with water, Emulsion 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 resistance, 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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