

**TECHNICAL DATA SHEET**

**PTFE Graphite Solid Yarn Packing**  
**INMARCO STYLE 504**




**Description:**

**STYLE 504** is a universal duplex braided packing manufactured from expanded PTFE intimately bonded with special quality graphite in a single molecular structure incorporating break-in-lubricant in a special process. This is a dense packing having high degree of resiliency and chemical properties. Presence of graphite enables the packing dissipate heat evenly leading to longer life of the packing.

**STYLE 504** is highly antifrictional and hence able to safeguard shaft/sleeves from wear/erosion. This packing is having excellent resistance to almost all known chemicals and is compatible to wide range of industrial media and is only affected by strong oxidizers, molten alkali metal & fluorine compounds.

**STYLE 504** is dimensionally stable and requires minimum gland loading to effect perfect seal. This is also compatible to very high peripheral speed with extremely low leakage rate.

**Operational Parameters:**

PROPERTIES			
pH	0-14		
TEMPERATURE (°C)	-200 to +300		
PRESSURE (BAR)	100	200	350
VELOCITY (m/s)	25	10	---
SIZE	3mm <sup>2</sup> to 50mm <sup>2</sup>		

**Typical Applications:**

Centrifugal & Reciprocating pumps, Valves, Large diameter shafts, Reactor vessels, Agitators, Mixers, Autoclaves, etc.

**Service Media:**

Acids & Alkalis of any concentration, Solvents, Hydrocarbons, Phosphoric acids, Raw water, DM water, Condensate, Cooling water, 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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