

Sealmax Style 900 - Expanded Graphite



Sealmax Style 900 is a braided packing manufactured from low-sulphur expanded graphite yarn, reinforced with a glass fiber carrier and incorporated with a sacrificial corrosion inhibitor. The construction provides structural stability, excellent sealing performance, and protection against shaft and stem corrosion.

Physical & Performance Characteristics:

- Low coefficient of friction
- Non-abrasive to shafts and valve stems
- High thermal conductivity for efficient heat dissipation
- Excellent chemical resistance
- High elasticity and conformability
- Low sulphur content, suitable for critical service

Typical Applications

- Valves
- Pumps
- Mixers
- Agitators

Style 900 is designed for high-pressure and high-temperature service in hostile environments, particularly within hydrocarbon processing. Commonly used in:

- Refineries
- Power generation plants
- Pulp and paper mills
- Petrochemical and chemical processing industries

Benefits:

- Wide application range reduces inventory requirements
- Economical replacement for asbestos-based packings
- Reduced maintenance and extended service life
- Suitable for severe service conditions
- Low density provides higher packing yield per kilogram, improving cost efficiency

Limitations:

Not recommended for highly oxidizing media

OPERATING LIMITS			
	ROTATING	RECEIPROCATING	STATIC
Pressure	25 bar	100 bar	220 bar
Shaft Speed		18 m/s	
Density		1.0 g/cm ³	
Operating Temperature		-240 °C to +450 °C	
Temperature with Steam		Upto +650 °C	
Sizes Available		3mm to 25mm	
Spool Size		1 / 2 / 5 Kgs	

All technical data and recommendations are given based on our experience. However, we assume no liability whatsoever. All data and values must be verified by the user, as the effectiveness of a seal can only be accurately judged by evaluating all data parameters directly on site. The stated parameters of all packing styles are approximate and may be influenced if occurring together. We suggest you to contact us in case of any special applications.



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