

STYLE 2602



Expanded Graphited PTFE Packing

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Product Overview:

Description: Expanded Graphited PTFE Packing combines the superior chemical resistance of PTFE with the added heat dissipation properties of graphite. This packing is designed for dynamic applications and offers excellent thermal conductivity, making it suitable for sealing pumps, valves, and rotating equipment in industries such as chemical processing, oil and gas, and power generation.

Technical Specifications:

Specification	Test Result
Material Composition:	100% expanded PTFE with graphite impregnation
Temperature Range:	-200°C to 280°C
Pressure Resistance:	Up to 25 MPa (static), 15 MPa (dynamic)
pH Range:	0 - 14 (suitable for nearly all chemicals except molten alkali metals and elemental fluorine)
Density:	Approx. 1.2 - 1.4 g/cm ³

Applications:

Dynamic sealing for pumps, valves, agitators, and other rotating equipment, especially in chemical and petrochemical industries.

Key Benefits:

- **Enhanced Heat Dissipation:** Graphite content allows for better thermal conductivity, reducing friction and wear.
- **Excellent Chemical Resistance:** Suitable for a wide range of aggressive chemicals and solvents.
- **Low Coefficient of Friction:** Reduces shaft wear, providing a longer service life.
- **High Compressibility and Flexibility:** Easily adapts to equipment surfaces, offering a reliable seal under varying pressures and temperatures.