

PG-T

Technical Datasheet



Core values, quality products

Description

PG-T is a high quality graphite laminate material in which exfoliated graphite is mechanically bonded to a 316 stainless steel tanged insert.

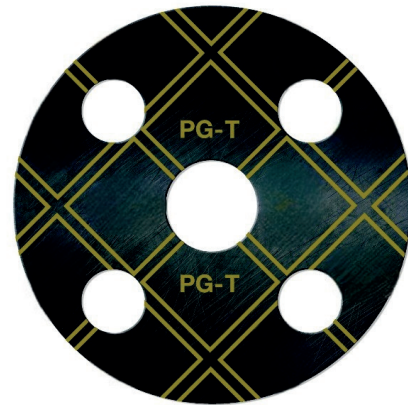
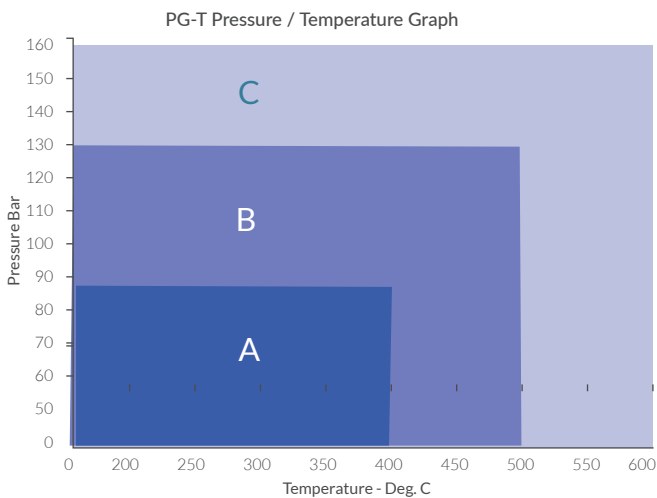
Application

PG-T has excellent mechanical strength, outstanding stress retention properties, and is chemically resistant to most fluids. It is capable of sealing a wide temperature range, and is used throughout industry for sealing steam, hydrocarbons and many chemicals.

Typical Physical Properties

Thickness		1.5mm
Density		1.0g/cc
Insert Thickness		0.1mm
Compression	ASTM F36J	30% to 37%
Recovery	ASTM F36J	20%
Residual Stress	BS7531 (40N/mm ² @ 300°C)	37 MPa
Gas leakage	BS7531	<1.0 ml/min
Ash Content		1.0% max
Chloride Content		45 ppm max
Sulphur Content		1200 ppm max

Service



Availability

Thickness	1.0mm to 3.0mm
Sheet size	1500mm x 1500mm, 1000mm x 1000mm
Gasket Size	15mm - 1200mm. Special sizes available on request
Insert	316 as standard. Other materials available on request
Colour	Black

- A = Suitable subject to chemical compatibility
- B = Please contact our Technical Team
- C = Not Suitable

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