PG-T
Technical Datasheet

PG-T is a high quality graphite laminate material in which exfoliated graphite is mechanically bonded to a 316 stainless steel tanged insert. Available in Full Face (FF), Inner Bolt Circle (IBC) or Custom Made (CM). We accommodate bespoke shapes and sizes, and can reverse engineer from existing gaskets or product faces. Just get in touch.

IBC FF CM

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.

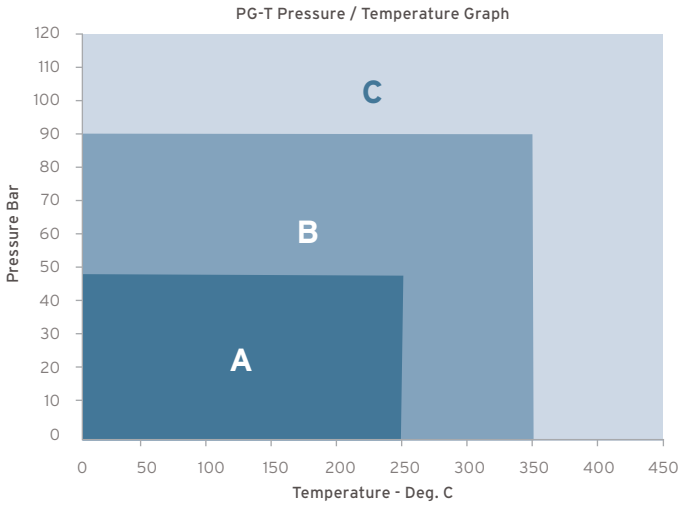
Typical Physical Properties

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/mm² @ 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

Availability

Thickness	1.0mm to 3.0mm
Sheet Size	1500mm x 1500mm, 1000mm x 1000mm
Insert	316 as standard. Other materials available on request
Colour	Black

Service



A = Suitable subject to chemical compatibility

B = Please contact our Technical Team

C = Not Suitable

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