



PG-F Technical Datasheet

Description

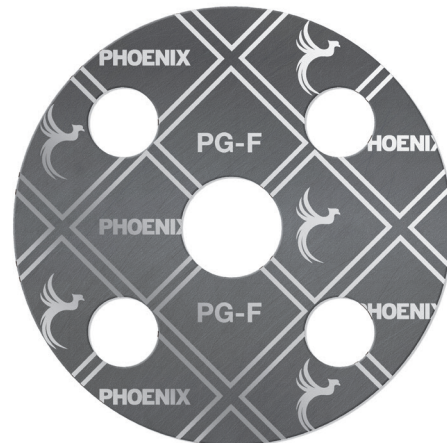
PG-F is a high quality graphite laminate material in which exfoliated graphite is bonded to a 316 stainless steel foil insert

Application

PG-F has excellent chemical resistance, good stress retention properties, and is capable of sealing a wide range of temperatures. It is ideal for steam, hydrocarbon and many chemical applications. The material is easy to cut making it a good alternative to PG-T if cutting on site is required.

Typical Physical Properties

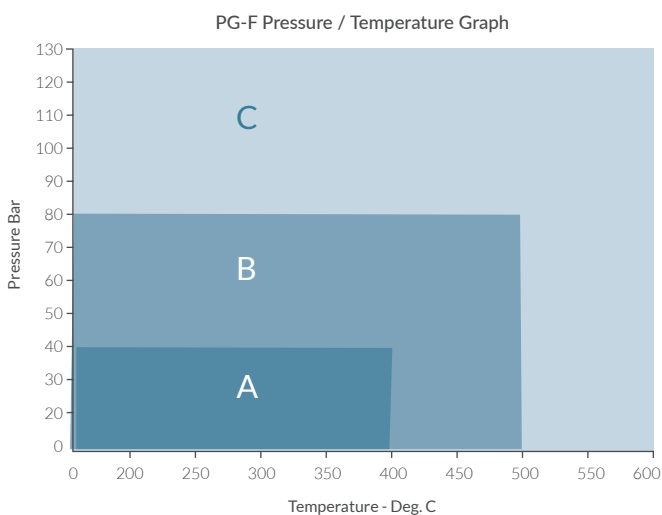
Thickness		1.5mm
Density		1.0g/cc
Insert Thickness		0.05mm
Compression	ASTM F36J	42% to 50%
Recovery	ASTM F36J	15%
Residual Stress	BS7531 (40N/mm ² @ 300°C)	35 MPa
Gas leakage	BS7531	<1.0 ml/min
Ash Content		1.0% max
Chloride Content		45 ppm max
Sulphur Content		1200 ppm max



Availability

Thickness	1.0mm to 3.0mm
Sheet size	1000mm x 1000mm, 1500mm x 1500mm
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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