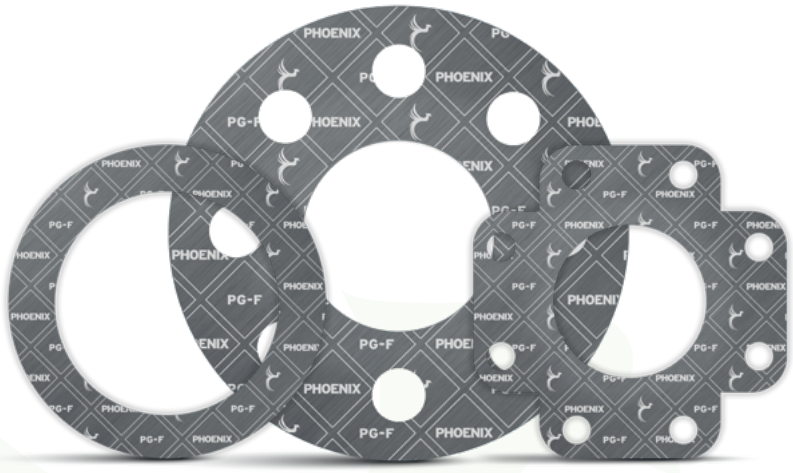
PG-F
Technical Datasheet

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

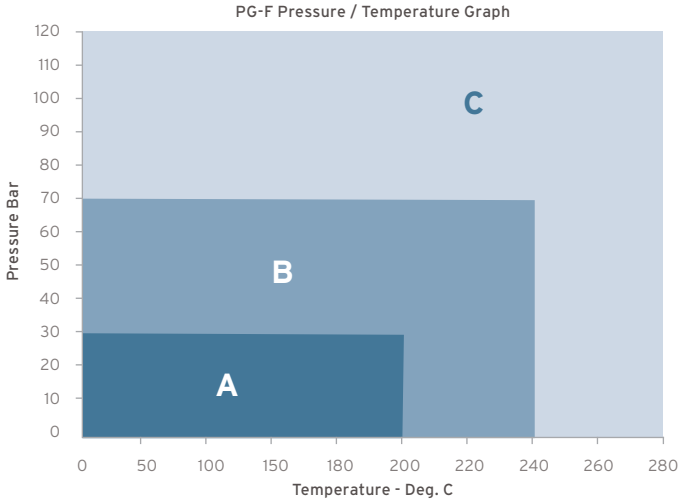
Typical Physical Properties

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/mm² @ 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
Specification	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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