PG-G
Technical Datasheet

PG-G is a high performance grade of compressed sheet material based on aramid fibre and graphite with a nitrile binder. 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-G is a premium quality gasket material with excellent mechanical properties. The material is designed for many applications including piping, flanges and valves, and in a variety of fluids such as water, oils and solvents.

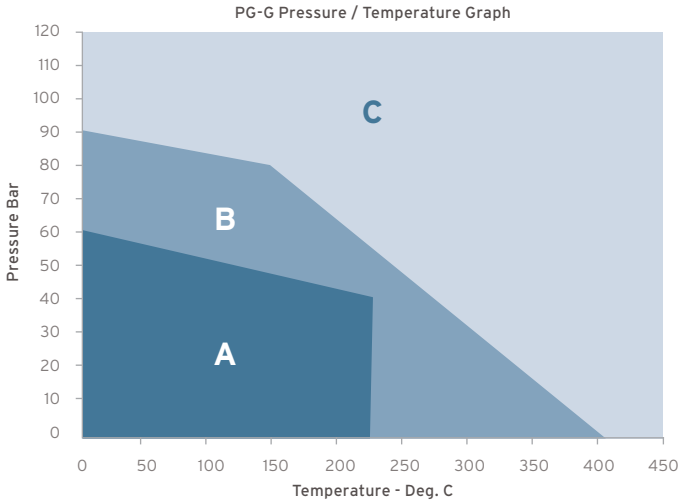
Typical Physical Properties

Thickness		1.5mm
Density		1.80g/cc
Tensile Strength	ASTM F152	13MPa
Compression	ASTM F36J	7% to 15%%
Recovery	ASTM F36J	>50%
Residual Stress	BS7531 (40N/mm² @ 300°C)	25 MPa
Gas Leakage	BS7531	0.5 ml/min
ASTM Oil 1	ASTM F146	2.5%
ASTM Oil 3	ASTM F146	5.0%
ASTM Fuel B	ASTM F146	4.0%

Availability

Thickness	0.4mm to 6.0mm
Sheet Size	1500mm x 1500mm
Specification	BS7531 Grade X
Insert	Carbon steel wire available (see PG-GM)
Colour	Black

Service



A = Suitable subject to chemical compatibility

B = Please contact our Technical Team

C = Not Suitable

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