



PG-G Technical Datasheet

Description

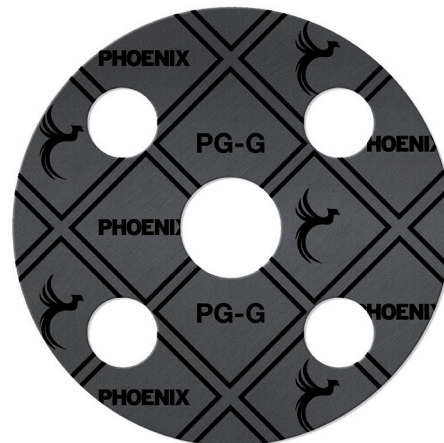
PG-G is a high performance grade of compressed sheet material based on aramid fibre and graphite with a nitrile binder.

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

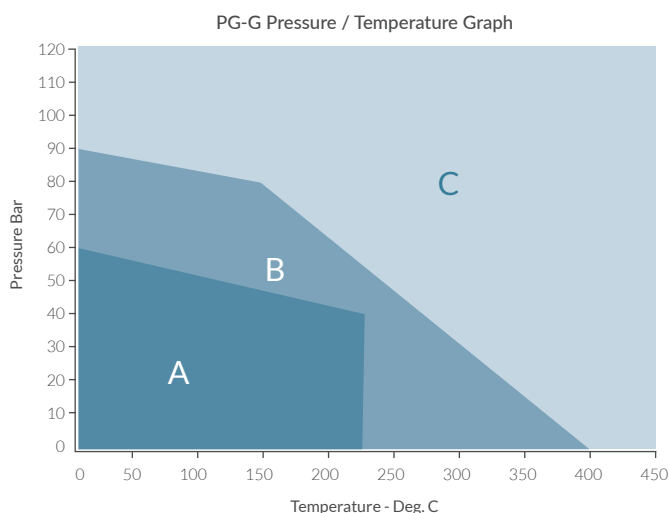
Thickness		1.5mm
Density		1.80g/cc
Tensile Strength	ASTM F152	13MPa
Compression	ASTM F36J	7% to 15%
Recovery	ASTM F36J	>50%
Residual Stress	BS7531 (40N/mm ² @ 300°C)	25 MPa
Gas leakage	BS7531	0.5 ml/min
ASTM Oil 1	ASTM F146	2.5%
ASTM Oil 3	ASTM F146	5.0%
ASTM Fuel B	ASTM F146	4.0%



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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