



PG-C Technical Datasheet

Description

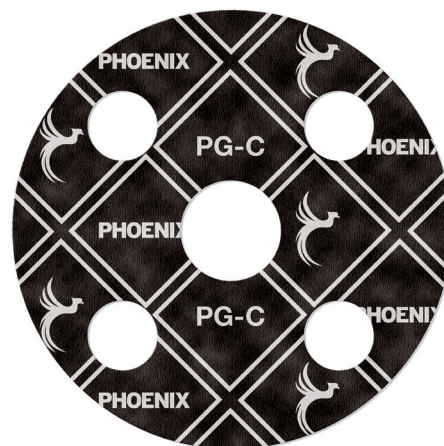
PG-C is a premium quality grade of compressed non-asbestos sheet material based on aramid and carbon fibre with a high quality nitrile binder.

Application

PG-C is an outstanding material that exceeds the requirements of BS 7531 Grade X. The material has excellent temperature resistance and is suitable for alkalis, hydrocarbons, fuels, refrigerants, steam and many other fluids.

Typical Physical Properties

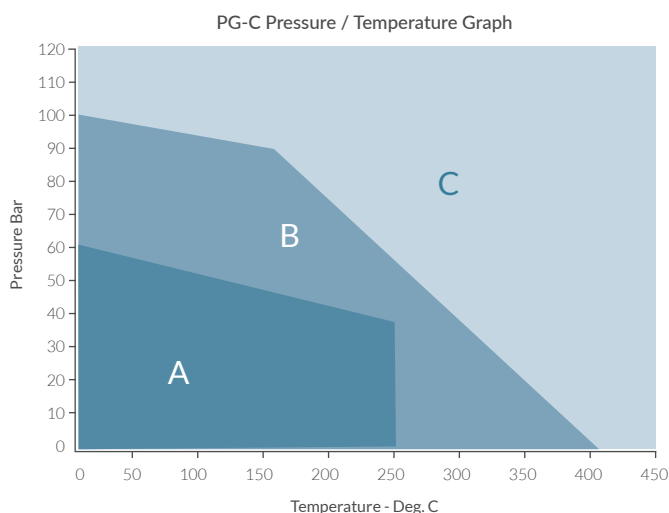
Thickness		1.5mm
Density		1.75g/cc
Tensile Strength	ASTM F152	13MPa
Compression	ASTM F36J	7% to 15%
Recovery	ASTM F36J	60%
Residual Stress	BS7531 (40N/mm ² @ 300°C)	25 MPa
Gas leakage	BS7531	0.5 ml/min
ASTM Oil 1	ASTM F146	2.5%
ASTM Oil 3	ASTM F146	5.0%
ASTM Fuel B	ASTM F146	4.0%



Availability

Thickness	0.25mm to 6.0mm
Sheet size	1500mm x 1500mm, 4500mm x 1500mm 1900mm x 1900mm, 3800mm x 3800mm
Specification	BS7531 Grade X
Colour	Black

Service



- A = Suitable subject to chemical compatibility
- B = Please contact our Technical Team
- C = Not Suitable

As the company's products are used in multiple application and as the company has no control over the method of their use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise. Any technical co-operation is given for customers assistance only and without liability on the part of the company.