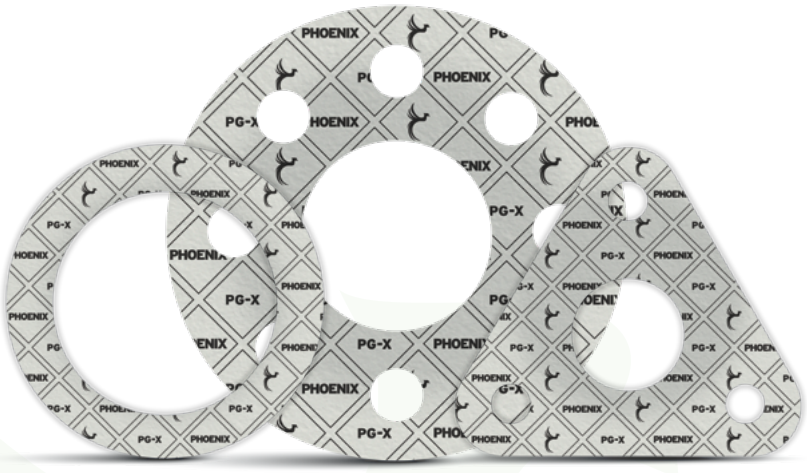
PG-X
Technical Datasheet



IBC FF CM

PG-X is a high performance grade of compressed fibre sheet material based on aramid and inorganic fibres with a nitrile binding system. 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.

Application

PG -X is a superior performance material meeting the requirements of BS 7531 Grade X and with outstanding mechanical properties. It is suitable for many fluids including hydrocarbons, gases, dilute acids and alkalis.

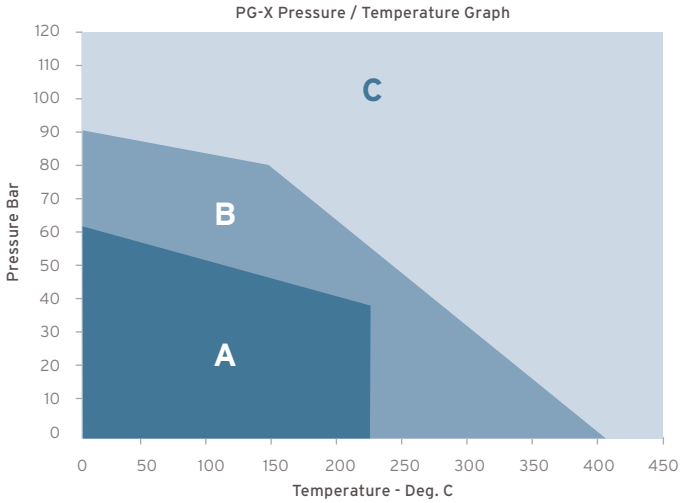
Typical Physical Properties

Thickness		1.5mm
Density		1.80g/cc
Tensile Strength	ASTM F152	14MPa
Compression	ASTM F36J	7% to 15%
Recovery	ASTM F36J	65%
Residual Stress	BS7531 (40N/mm² @ 300°C)	26 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	0.3mm to 6.0mm
Sheet Size	1500mm x 1500mm, 4500mm x 1500mm 1900mm x 1900mm, 3800mm x 3800mm
Specification	BS7531 Grade X; WRAS (2201516) DIN 28091-2: FA-AM1-O
Colour	White

Service



A = Suitable subject to chemical compatibility

B = Please contact our Technical Team

C = Not Suitable

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