



PG-X Technical Datasheet

Description

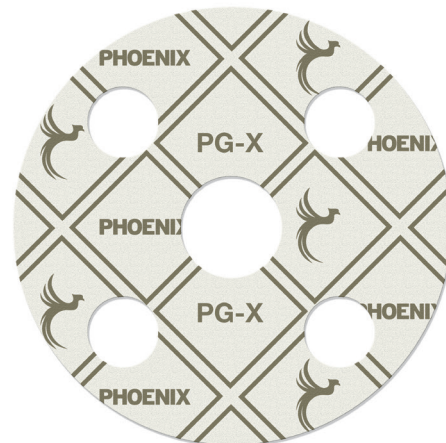
PG -X is a high performance grade of compressed fibre sheet material based on aramid and inorganic fibres with a nitrile binding system.

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

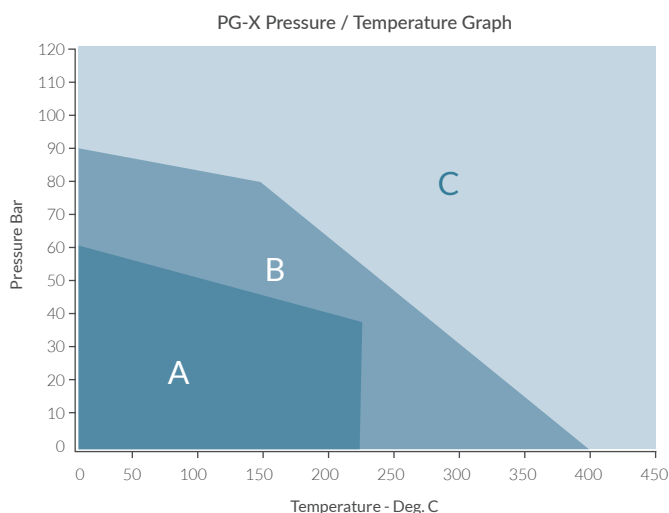
Thickness		1.5mm
Density		1.80g/cc
Tensile Strength	ASTM F152	14MPa
Compression	ASTM F36J	7% to 15%
Recovery	ASTM F36J	65%
Residual Stress	BS7531 (40N/mm ² @ 300°C)	26 MPa
Gas leakage	BS7531	0.5 ml/min
ASTM Oil 1	ASTM F146	2.5%
ASTM Oil 3	ASTM F146	5.0%
ASTM Fuel B	ASTM F146	4.0%



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 (1610569)
Colour	White

Service



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

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