

PG-C 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.

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

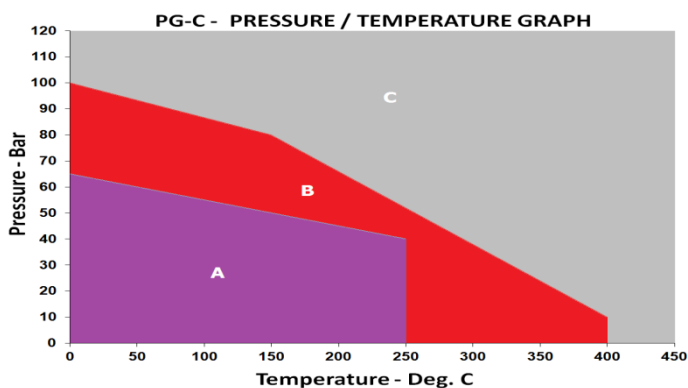
Colour: Black (available branded or unbranded)



Typical Physical Properties:

Thickness		1.5mm
Density		1.75 g/cc
Tensile Strength	ASTM F152	13 MPa
Compression	ASTM F36 J	7% to 15%
Recovery	ASTM F36 J	60%
Residual Stress	BS 7531 (40N/mm ² @ 300°C)	25 MPa
Gas Leakage	BS 7531	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%

Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

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