

# 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

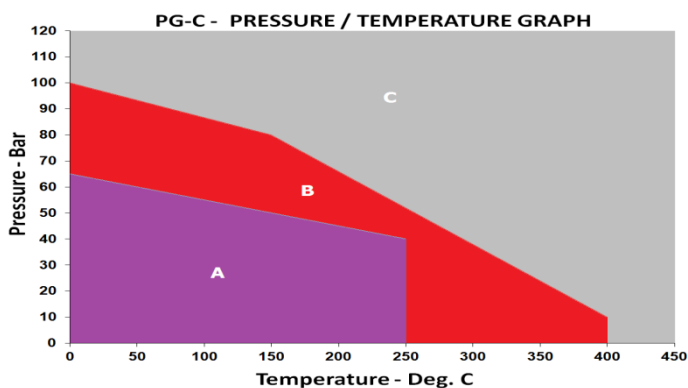
**Colour:** Black (available branded or unbranded)



## 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 <sup>2</sup> @ 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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