

# PG-X Datasheet

## Description:

PG-X is a high quality grade of compressed fibre sheet material based on aramid and inorganic fibres with a high quality 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, steam, gases, dilute acids and alkalis.

## 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).

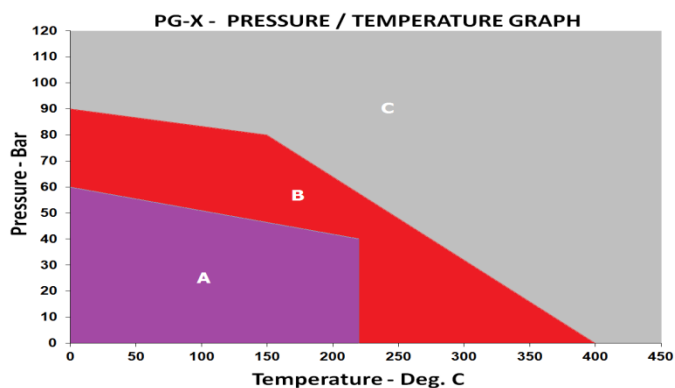
**Colour:** White.



## Typical Physical Properties:

Thickness		1.5mm
Density		1.80 g/cc
Tensile Strength	ASTM F152	14 MPa
Compression	ASTM F36 J	7% to 15%
Recovery	ASTM F36 J	65%
Residual Stress	BS7531 (40N/mm <sup>2</sup> @ 300°C)	26 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

As the company's products are used in multiple applications 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 cooperation is given for customer assistance only and without liability on the part of the company.