

TDS 12 - Rev 3

## 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:

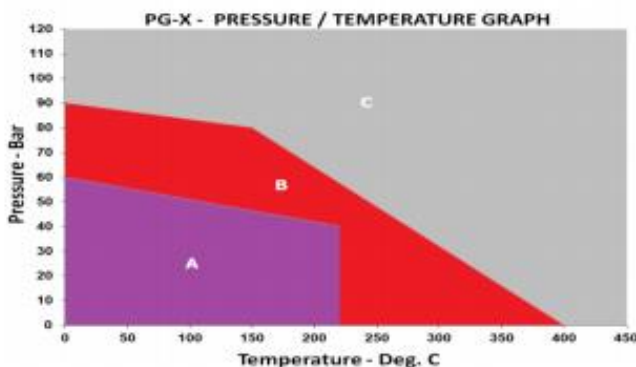
BS7531 Grade X

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

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