

PG-X Datasheet

Description:

PG-X is a high quality grade of compressed non-asbestos sheet material based on aramid and inorganic fibre with a high quality Nitrile binding system.

Application:

PG-X is a superior performance gasket material with excellent mechanical properties, the material is designed for use in various types of applications including piping flanges and valves.

Availability:

Thickness

0.3mm to 6.0mm

Sheet Size

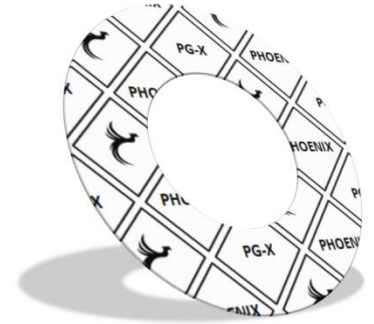
1500mm X 1500mm, 4500mm X 1500mm

1900mm X 1900mm, 3800mm X 3800mm

Specification:

BS7531 Grade X

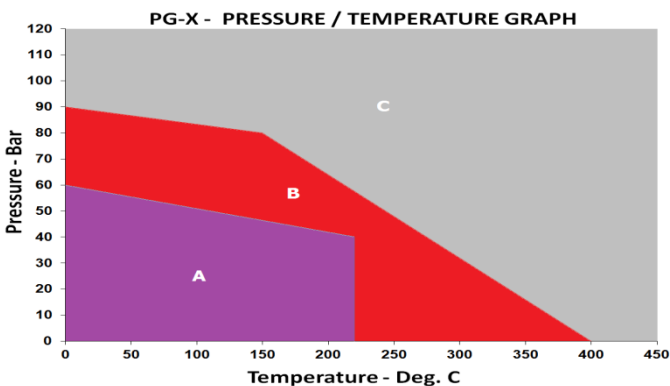
Colour: White.



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 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% |

Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

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