

# PG-X Gasket

## Technical Datasheet



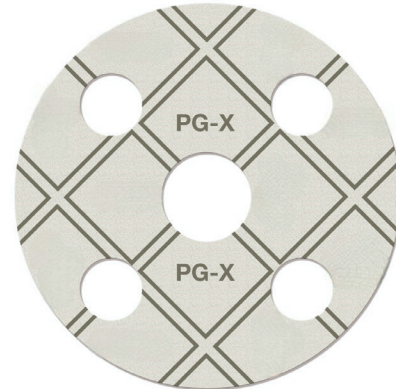
Core values, quality products

### Description

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



### Typical Physical Properties

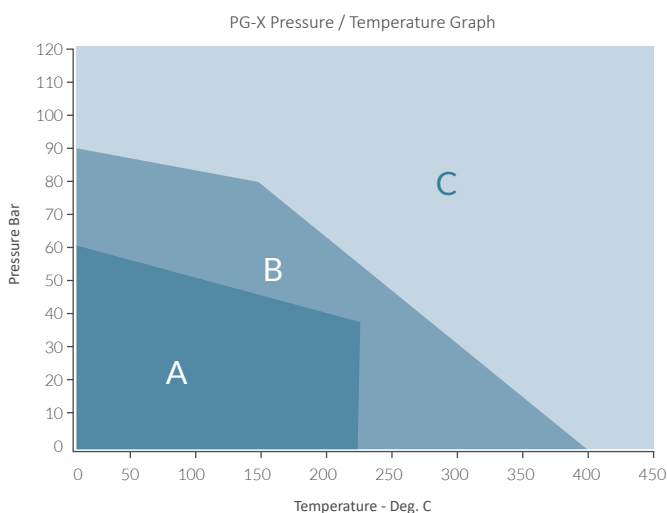
|                  |                                      |            |
|------------------|--------------------------------------|------------|
| Thickness        |                                      | 1.5mm      |
| Density          |                                      | 1.80g/cc   |
| Tensile Strength | ASTM F152                            | 14MPa      |
| Compression      | ASTM F36J                            | 7% to 15%  |
| Recovery         | ASTM F36J                            | 65%        |
| Residual Stress  | BS7531 (40N/mm <sup>2</sup> @ 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%       |



### Availability

|               |  |
|---------------|--|
| Thickness     | 0.3mm to 6.0mm   |
| Sheet size    | 1500mm x 1500mm, 4500mm x 1500mm<br>1900mm x 1900mm, 3800mm x 3800mm |
| Gasket Sizes  | 15mm - 1200mm. Special sizes available on request                    |
| Specification | BS7531 Grade X; WRAS (2201516)                                       |
| Colour        | White  |

### Service



- A = Suitable subject to chemical compatibility
- B = Please contact our Technical Team
- C = Not Suitable

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