



Derby Gaskets Ltd

SPECIALISTS IN SEALING TECHNOLOGY

Units 2, 3, & 4 Racecourse Ind. Park,
Mansfield Road,
Derby DE21 4SX

Tel: 01332 360701, Fax: 01332 291484

www.derbygaskets.com



GB 19386

MATERIAL SPECIFICATION SHEET PG-X

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:

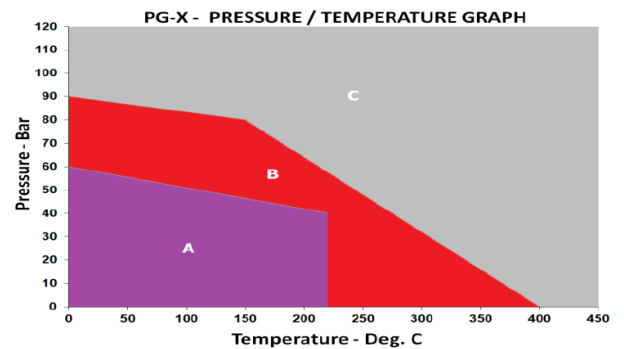
BS7531 Grade X

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

As the companies 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 customers assistance only and without liability on the part of the company

We reserve the right to alter the specification without notice. Values given may vary according to manufacturing tolerances. It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required.

DGL-MSS54 Iss 2

Registered Office: Derby Gaskets Ltd; Units 2, 3 & 4 Racecourse Industrial Park, Mansfield Road, Derby, DE21 4SX
Chairman: C. Prince, Directors: S. Prince (Managing), Y. Kennedy (Company Secretary).
VAT 295 2969 03. Co. Reg. 1914526