



Derby Gaskets Ltd

SPECIALISTS IN SEALING TECHNOLOGY

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

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GB 19386

MATERIAL SPECIFICATION SHEET PG-O

Description:

PG-O is a good quality grade of compressed sheet material based on aramid and inorganic fibre with a high quality nitrile binding system.

Application:

PG-O is a high performance gasket material meeting the requirements of BS 7531 Grade Y. The material has excellent sealing properties and is suitable for oils, water, solvents, gas, low pressure steam and many dilute acids and alkalis.

Availability:

Thickness

0.25mm to 6.0mm

Sheet Size

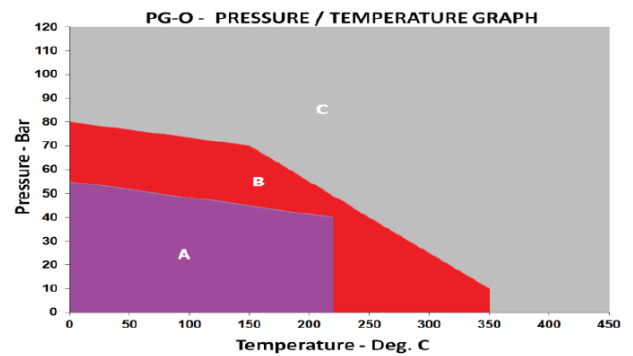
1500mm X 1500mm, 4500mm X 1500mm
1900mm X 1900mm, 3800mm X 3800mm

Specification:

BS7531 Grade Y

Colour: Orange

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 co-operation is given for customer assistance only and without liability on the part of the company.

Typical Physical Properties:

Thickness		1.5mm
Density		1.90 g/cc
Tensile Strength	ASTM F152	12 MPa
Compression	ASTM F36 J	7% to 12%
Recovery	ASTM F36 J	60%
Residual Stress	BS7531 (40N/mm ² @ 300°C)	23 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%

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.

DGI-MSS51 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).
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