



# 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-E

### Description:

PG-E is a cost effective medium quality grade of compressed fibre sheet material based on aramid and inorganic fibre with a high quality nitrile binding system.

### Application:

PG-E is a general purpose gasket material with excellent mechanical properties, suitable for a wide range of fluids including oils, water, solvents, gas, low pressure steam and many chemicals.

### Availability:

#### Thickness

0.25mm to 6.0mm

#### Sheet Size

1500mm X 1500mm, 4500mm X 1500mm

1900mm X 1900mm, 3800mm X 3800mm

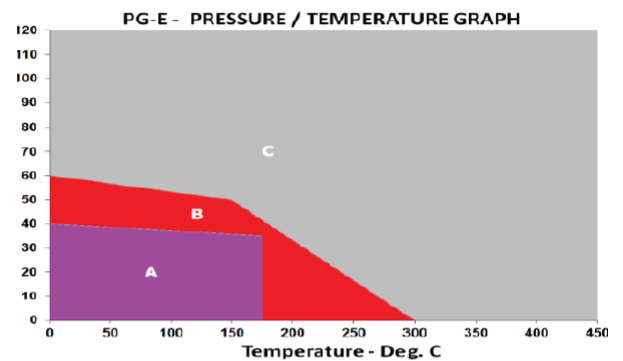
#### Specification:

Germanischer Lloyd (36 787-11 HH)

WRAS 1401527

Colour: Blue.

### 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 co-operation is given for customers 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	10 MPa
Compression	ASTM F36 J	7% to 15%
Recovery	ASTM F36 J	>50%
Residual Stress	50N/mm <sup>2</sup> @ 175°C	25 MPa
Gas Leakage	BS 7531	<1.0 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.

DGL-MSS48 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