

TDS 05 - Rev 2

PG-E Datasheet

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

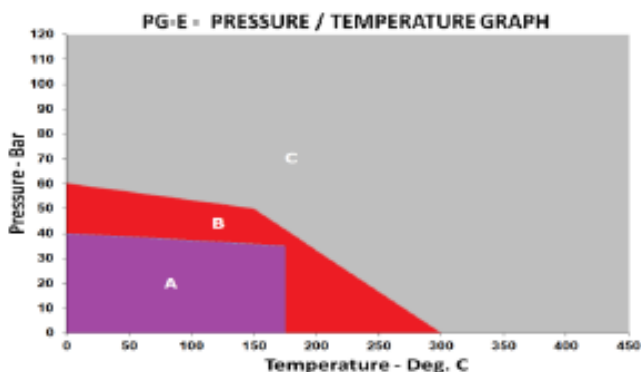
Colour: Blue.



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 ² @ 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%

Service:



A = Suitable subject to chemical compatibility.

B = Please contact our Technical Team.

C = Not Suitable

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