

Description:

PC-B is a high quality, biaxially orientated sealing material based on PTFE with glass microspheres.

Application:

PC-B is a highly compressible material suitable for steel, glass-lined, ceramic or plastic coated flanges. It is suitable for sealing all chemicals across the whole pH range, except molten alkali metals, fluorine or hydrogen fluoride

Availability:**Thickness**

0.75mm to 6.0mm

Sheet Size

1500mm X 1500mm,

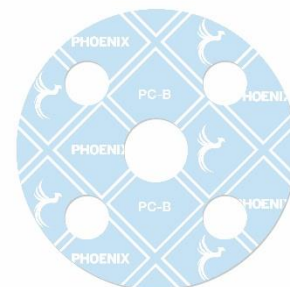
1800mm X 1800mm,

Specification:

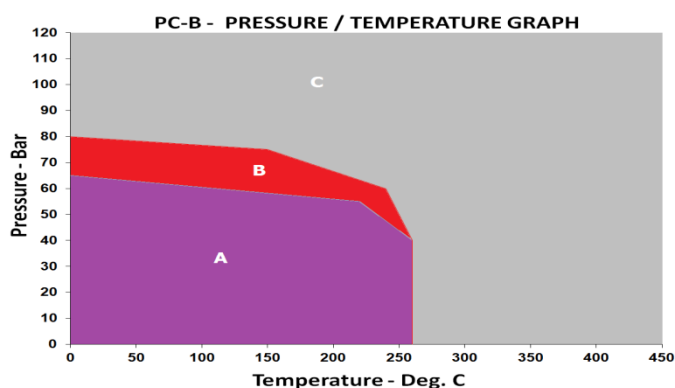
Conforms with FDA 21 CFR 177.1550

Colour: Blue.

PC-B Datasheet

**Typical Physical Properties:**

Thickness		1.5mm
Density		1.4 g/cc
Tensile Strength	ASTM F152	10 MPa
Compression	ASTM F36 J	38%
Recovery	ASTM F36 J	>32%
Residual Stress	DIN 52913 (50N/mm ² @ 175°C)	26 MPa
Gas Leakage	BS7531	0.05 ml/min
Creep Relaxation	ASTM F38	33%
Liquid Leakage	ASTM F37	0.22 ml/hr

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 cooperation is given for customer assistance only and without liability on the part of the company.

