

# PC-B

## 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.

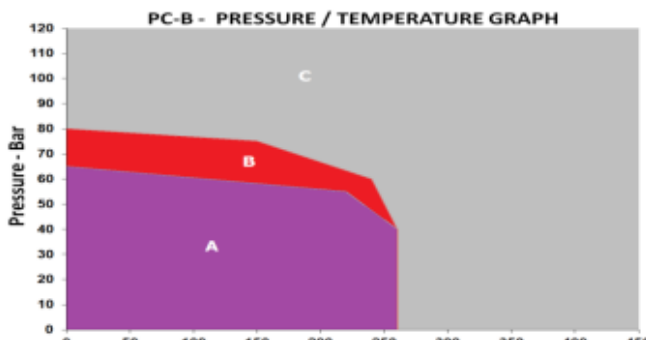
## PC-B Datasheet



## 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 <sup>2</sup> @ 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

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