



# PC-B Technical Datasheet

## Description

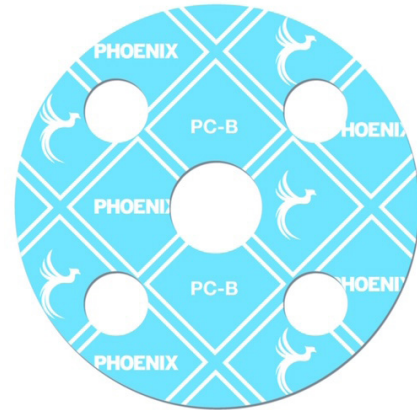
PC-B is a high quality, biaxially orientated PTFE sealing material filled with glass microspheres.

## 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

## Typical Physical Properties

Thickness		1.5mm
Density		1.4g/cc
Tensile Strength	ASTM F152	10MPa
Compression	ASTM F36J	38%
Recovery	ASTM F36J	>32%
Residual Stress	DIN52913 (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

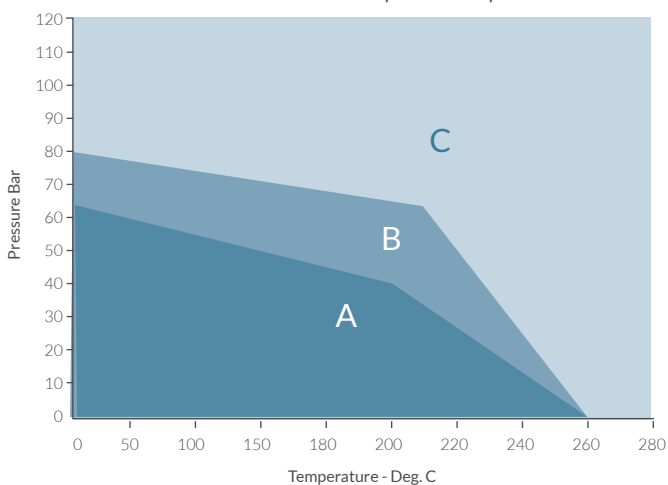


## Availability

<b>Thickness</b>	0.75mm to 6.0mm
<b>Sheet size</b>	1500mm x 1500mm, 1800mm x 1800mm
<b>Specification</b>	Conforms with FDA 21 CFR 177.1550 ABS (19-LD1869901-PDA)
<b>Colour</b>	Blue

## Service

PC-B Pressure / Temperature Graph



- A = Suitable subject to chemical compatibility
- B = Please contact our Technical Team
- C = Not Suitable

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