



# PC-EX Technical Datasheet

## Description

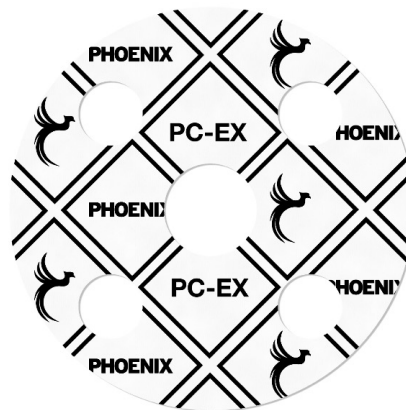
PC-EX is a multi-directional, expanded PTFE sheet manufactured to have uniform strength in all directions.

## Application

PC-EX is a soft, compressible material with almost universal chemical resistance. It can be used to seal metallic, and non-metallic flanges such FRP, porcelain, plastic and glass-lined. PC-EX has exceptional mechanical strength and exhibits minimal creep

## Typical Physical Properties

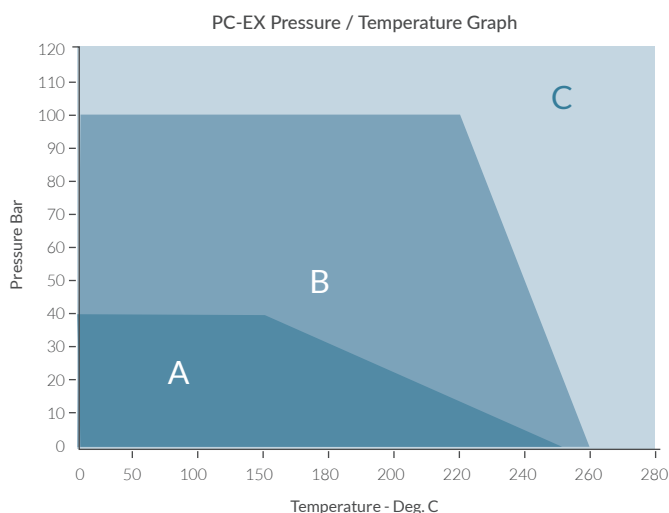
Thickness		1.5mm
Purity ePTFE		100%
Tensile Strength	ASTM F152	>20MPa
Compression	ASTM F36M (34.5 MPa)	>45%
Recovery	ASTM F36 M (34.5MPa)	>10%
Residual Stress	DIN52913	>15MPa
Leakage Rate	DIN 3535-6 (40bar, N2)	<0.01 ml/min
Creep Relaxation	ASTM F38 (100°C)	≤22%
Min Temperature		-268°C



## Availability

<b>Thickness</b>	0.5mm to 5.0mm
<b>Sheet size</b>	1500mm x 1500mm
<b>Specification</b>	Conforms with FDA 21 CFR 177.1550
<b>Colour</b>	White

## Service



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

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