

**Description:**

PC-S is a high compression PTFE material with a biaxially orientated core and highly conformable surface layers.

**Application:**

The soft surface layers make the material ideal for irregular, distorted or plastic and glass lined flanges and in applications where the available bolt load is limited. The rigid core reduces cold flow and creep and make the gaskets easy to install even at large diameters. The material is suitable for sealing across the full pH range

**Availability:**

**Thickness:** 1.5mm to 3.0mm

**Sheet Size:** 1500mm X 1500mm,

**Specification:** Conforms with FDA 21 CFR

177.1550

**Colour:** White

**Typical Physical Properties:**

Thickness		1.5mm
Density		1.3 g/cc
Tensile Strength	ASTM F152	8.5 MPa
Compression	DIN 3535-6	44%
Recovery	DIN 3535-6	6.3%
Creep Relaxation	DIN 3535-6	26 %
Gas Leakage	DIN 3535-6	<0.002 mg*s <sup>-1</sup> *m <sup>-1</sup>
Q <sub>s</sub> max 23°C	EN 13555	170 MPa
Q <sub>s</sub> max 150°C	EN 13555	140 MPa
y		16 MPa
m		2.0
Maximum Temperature*		260°C
Maximum Pressure*		85 Bar

\*The above temperature and pressure limits cannot necessarily be used simultaneously and may not apply at all thicknesses

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# PC-S Datasheet

