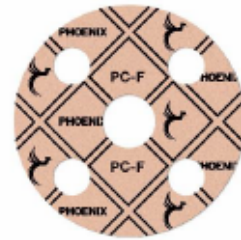


TDS 02 - Rev 2

## PC-F Datasheet



### Description:

PC-F is a high quality, biaxially orientated sealing material based on PTFE with silica.

### Application:

PC-F is a high performance material with excellent mechanical properties. The material is suitable for use across a wide range of chemicals including strong acids (except hydrofluoric), steam, solvents and hydrocarbons.

### Availability:

#### Thickness

0.75mm to 6.0mm

#### Sheet Size

1500mm X 1500mm,

1800mm X 1800mm,

#### Specification:

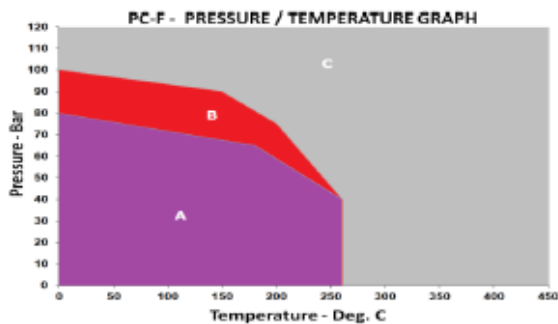
Conforms with FDA 21 CFR 177.1550

Colour: Pink - Fawn.

### Typical Physical Properties:

|                  |   |             |
|------------------|---|-------------|
| Thickness        |   | 1.5mm       |
| Density          |   | 2.2 g/cc    |
| Tensile Strength | ASTM F152                               | 14 MPa      |
| Compression      | ASTM F36 J                              | 6%          |
| Recovery         | ASTM F36 J                              | >42%        |
| Residual Stress  | DIN 52913 (50N/mm <sup>2</sup> @ 175°C) | 31 MPa      |
| Gas Leakage      | BS7531                                  | 0.05 ml/min |
| Creep Relaxation | ASTM F38                                | 20%         |
| 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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