

## KWO® MultiTex® Sheet – ePTFE gasket sheet

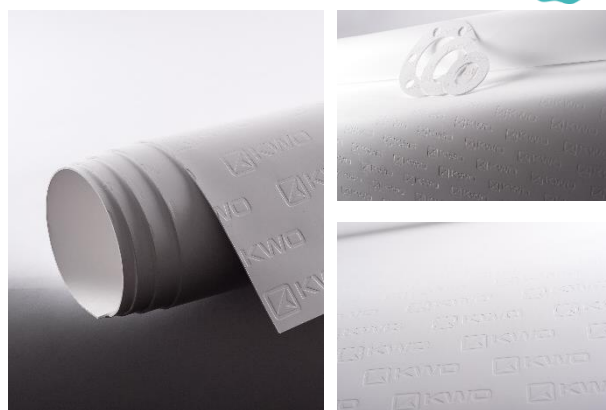


KWO® MultiTex® Sheet is produced from 100% pure expanded PTFE without any pigments, inks or adhesives, and therefore especially suitable for clean applications.

The flexible material adapts well to sealing surfaces, compensates irregularities and seals at very low stresses.

Suitable for use in metallic flanged, as well as stress sensitive connections.

Seals most chemicals across the whole pH range (0-14).



### ★ Advantages

- > adapts well to sealing surfaces, compensates irregularities
- > superior resistance to creep and cold flow
- > very high sealability especially at very low stresses

### ⚙ Properties

- > high chemical resistance
- > UV resistant, non-ageing, unlimited storable
- > nontoxic, biologically inert

### 📦 Applications

- > flange connections
- > heat exchangers
- > reactor columns, glass lined flanges
- > uneven or distorted flanges
- > pharmaceutical- and food processing equipment

### 📜 Certificates

- > BAM - suitable for use with gaseous oxygen
- > TA-Luft regulation and blow out safety acc. to VDI 2200
- > specific values according to DIN EN 13555
- > FDA 21 CFR 177.1550
- > EC1935/2004 - suitable for applications with food contact
- > USP Plastic Class for pharmaceutical applications

## TECHNICAL DATA

<b>Material</b>	100% biaxial expanded PTFE (ePTFE) without fillers, without pigments or ink
<b>Chemical resistance</b>	in the entire pH range (pH 0-14, except molten alkali metals and elemental fluorine)
<b>Temperature range</b>	-268°C (-450°F) up to +270°C (+518°F), short-term +315°C (+600°F)
<b>Pressure range</b>	vacuum up to +200bar (3000psi) depending on the installation situation*
<b>Physiologically inert</b>	physiologically harmless in all recommended applications

\*Note: temperature and pressure guides cannot necessarily be used simultaneously.

## Quality assurance

The KWO Quality Management is certified according to DIN EN ISO 9001. Our suppliers are also integrated in this quality system. We use exclusively high quality raw materials in the fabrication of our products, which provide the highest level of safety and reliability.



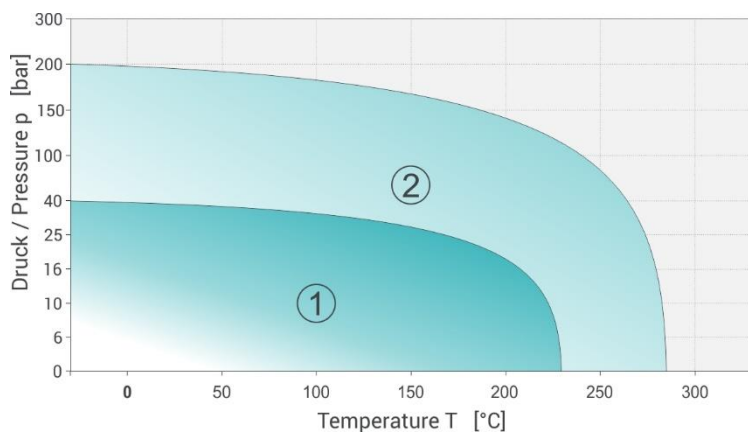
## Available Dimensions

Length x Width [mm]	Thickness [mm]*										
<b>1500 x 1500</b>	0,5	1,0	1,5	2	3	4	5	6	7	8	9

\*Other dimensions available on request.

To order, please use the following text

MultiTex Sheet, 1500x1500x \_ \_ mm, pieces  
(Length) (Width) (Thickness)

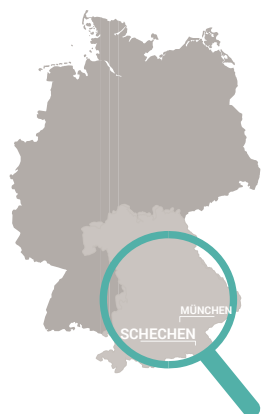
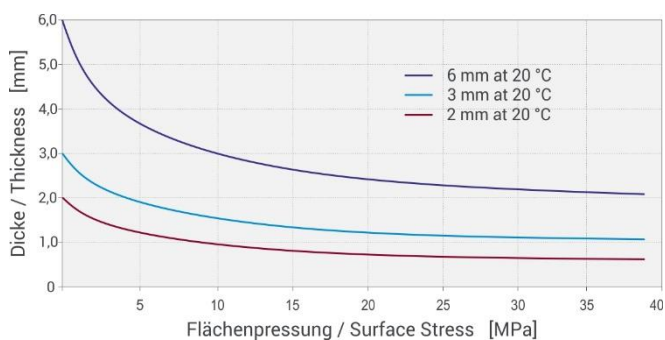


The p-T diagram indicates the service limits considering the simultaneous influence of pressure and temperature.

Range 1: Typical service limits  
Range 2: Maximum application limits, after technical verification

## Values

<b>QMIN (0,01)</b>	28 Mpa	DIN EN 13555
<b>QS MIN (0,01)</b>	<<10 Mpa	DIN EN 13555
<b>PQR(30 MPa 20°C)</b>	0,94	DIN EN 13555
<b>PQR(30 MPa 150°C)</b>	0,67	DIN EN 13555
<b>maintenance factor m</b>	2,5	ASTM
<b>seating stress y</b>	2800 psi	ASTM



- ✓ Made in Germany
- ✓ International Presence
- ✓ Represented in over 46 countries

For detailed selection criteria, technical information, installation guideline and the relevant contact person, please visit our website: [www.kwo-ptfe.de](http://www.kwo-ptfe.de)

## KWO Dichtungstechnik GmbH

Am Eschengrund 3  
83135 Schechen, Germany  
Tel: + 49 8039 90254-0  
Fax: + 49 8039 90254-299  
Email: [info@kwo-ptfe.de](mailto:info@kwo-ptfe.de)

