

KWO® MultiTex® Tape – ePTFE gasket tape



The innovative product is ideally suitable for large and irregularly shaped steel flanges and glass-lined steel flanges.

The flexible material made of 100% multi-directional expanded PTFE is chemically inert, and highly resistant to creep, cold flow and clamp-force loss.

KWO® MultiTex® Tape maintains an extra tight seal even at low loads.



★ Advantages

- > adapts well to sealing surfaces
- > compensates irregularities
- > superior resistance to creep and cold flow
- > very high sealability especially at very low stresses
- > harmless in contact with food

⚙️ Properties

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

🏠 Applications

- > heat exchangers, apparatus constructions
- > glass-lined flanges, reactors
- > GRP-pipelines and -tanks
- > pharmaceutical- and food processing equipment

🏆 Certificates

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

TECHNICAL DATA

Material	100% multidirectional expanded PTFE (ePTFE) - self-adhesive
Chemical resistance	in the entire pH range (pH 0-14, except molten alkali metals and elemental fluorine)
Temperature range	-268°C (-450°F) up to +270°C (+518°F), short-term +315°C (+600°F) recommended temperature range: from -160°C (-256°F) to +230°C (+446°F)*
Pressure range	vacuum up to 200bar (3000psi) depending on the installation situation*
Physiologically inert	physiologically harmless in all recommended applications
Density	0,75 g/cm³ +/- 0,15 g/cm³

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


Quality assurance

The KWO® Quality Management is certified by TÜV Süd 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.

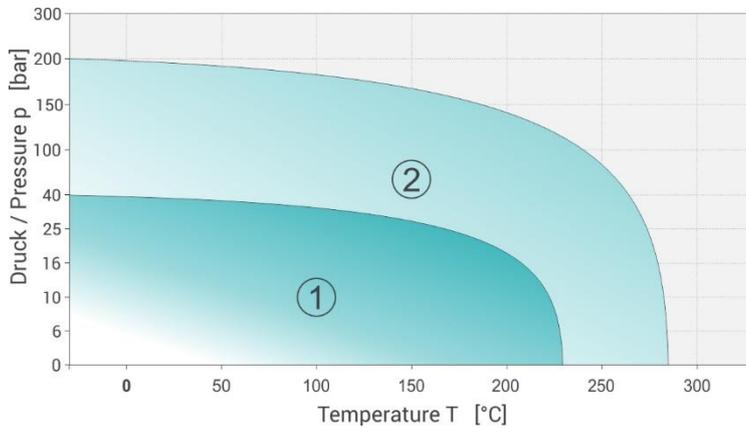


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Available Dimensions

Width* [mm]	Thickness* [mm]			
	2	3	6	9
10	X	X	X	
15	X	X	X	X
20	X	X	X	X
25	X	X	X	X
30	X	X	X	X
40	X	X	X	X
50		X	X	X
55		X	X	X
60		X	X	X

*Other dimensions available on request.


To order, please use the following text

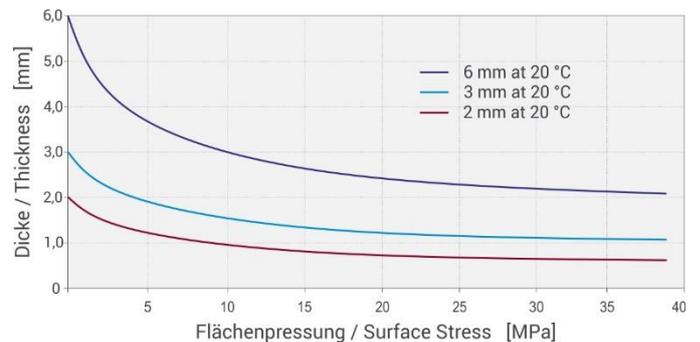
KWO® MultiTex® Tape, __ x __ mm - __ m, quantity in meter
 (width) (thickness) (spool length)

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

Q _{MIN} (0,01)	28 MPa	DIN EN 13555
Q _{S MIN} (0,01)	<<10 MPa	DIN EN 13555
PQR(at Q _{Smax} 20°C)	0,95	DIN EN 13555
PQR(at Q _{Smax} 150°C)	0,64	DIN EN 13555



- ✓ Made in Germany
- ✓ International Presence
- ✓ Represented in over 50 countries

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

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