

KWO® MultiTex® Tape – ePTFE gasket tape



KWO MultiTex® Tape is a high quality gasket material produced from multidirectionally expanded PTFE.

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

Form in place PTFE gasket tape, especially used on large and irregularly shaped steel flanges or glass lined steel flanges.

Seals most chemicals across the whole pH range (0-14), typical application range up to 230°C.



★ 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 storage
- > nontoxic, biologically inert
- > non-flammable

🏠 Applications

- > Flange connections
- > Heat exchangers
- > Reactors, glass lined flanges
- > Uneven or distorted flanges
- > Pharmaceutical- and food processing equipment

🏭 Approvals / Compliance

- > BAM – suitable for use with fluid and 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

TECHNICAL DATA

Material	100% biaxial expanded PTFE (ePTFE) without fillers
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)
Pressure range	Vacuum up to +200bar (3000psi) depending on the installation situation*

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

Quality assurance

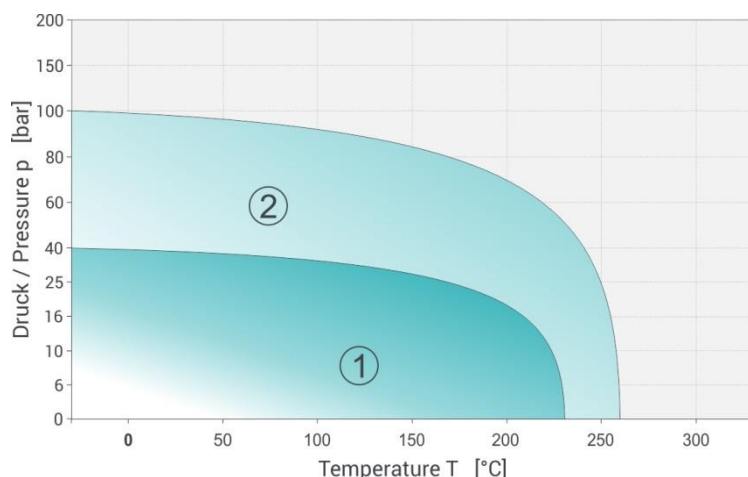
The KWO Quality Management is certified according to DIN EN ISO 9001. Our suppliers are also integrated in this quality system. We use exclusively high quality raw materials in the fabrication of our products, which provide the highest level of safety and reliability.



Available Dimensions

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

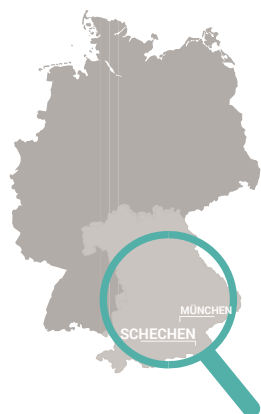
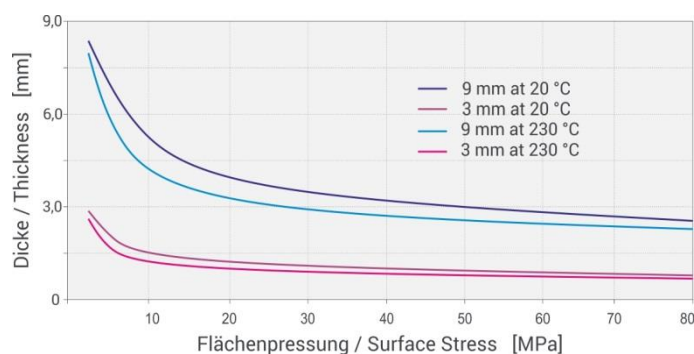
MultiTex Tape, __ x __ mm - __ m, quantity in meter
 (width) (thickness) (spool length)

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 40 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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