

KWO® Universal F Premium - ePTFE joint sealant Tape

MADE IN GERMANY

KWO® Universal F Premium is a joint sealant tape made from 100% pure, monoaxially expanded PTFE and especially suitable for food and pharmaceutical applications.

The exceptional malleability of the ePTFE joint sealant tape can compensate for out-of-parallel or damaged sealing surfaces and allows use with stress sensitive connections and applications where only a limited flange load is available.

KWO® Universal F Premium is the universal sealing solution on a roll, which can instantly be formed in place to fit any shape, regardless of flange size or complexity.

Typical applications are the sealing of flanges, pump housings, compressors, hand- and manholes, air ducts and compensators.



★ Advantages

- > Adapts well to sealing surfaces, compensates irregularities
- > Simple and fast installation
- > Reduced down time, cost effective seal

⚙ Properties

- > Excellent chemical resistance
- > UV resistant, non-ageing
- > Nontoxic, biologically inert

🔲 Applications

- > Large steel flanges
- > Pump housings
- > Compressors
- > Air ducts
- > compensators

🌟 Approvals / Compliance

- > BAM tested for contact with oxygen
- > TA Luft regulation and blow out safety according VDI 2200
- > Specific values according to DIN EN 13555
- > DVGW
- > FDA 21 CFR 177.1550
- > EC 1935/2004

TECHNICAL DATA

Material	100% expanded PTFE (ePTFE)
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 +100bar (1500psi) depending on the installation situation*

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

Quality assurance

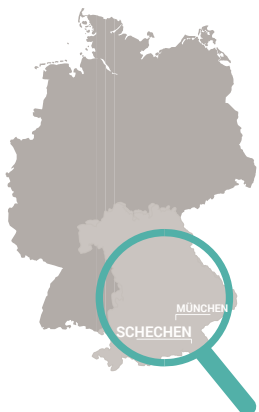
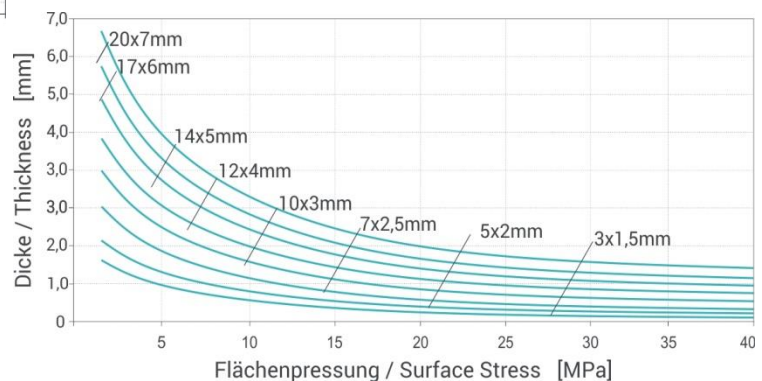
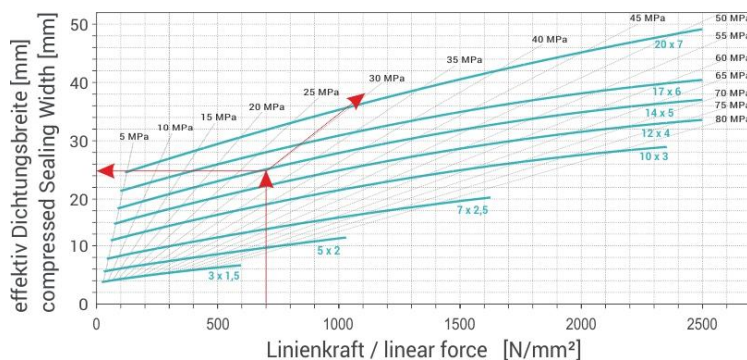
The KWO Quality Management is certified according to DIN EN ISO 9001. Our suppliers are also integrated in this quality system. We use exclusively high quality raw materials in the fabrication of our products, which provide the highest level of safety and reliability.



Available Dimension

Dimensions* [mm]	Spool Length [m]			
	5	10	25	50
3x1,5			X	X
5x2		X	X	X
7x2,5		X	X	X
10x3		X	X	X
12x4		X	X	X
14x5	X	X	X	X
17x6	X	X	X	
20x7	X	X	X	
25x5	X	X	X	
25x8	X	X		
28x5	X	X	X	
40x5	X	X		

*Other dimensions available on request.



- ✓ 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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