

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 is also suitable for use in the food and pharmaceutical industries due to its approvals.

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

Due to their reliable, durable and economical sealing, it helps to optimize our customer's production and manufacturing processes.



★ Advantages

- > adapts well to sealing surfaces
- > compensates irregularities
- > simple and fast installation
- > reduced down time, cost effective seal
- > harmless in contact with food

⚙ Properties

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

📦 Applications

- > flange connections, tank sealings
- > heat exchangers, apparatus constructions
- > flue gas plants
- > glass-lined flanges, reactors
- > machine housings, pumps
- > 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
- > certified by DVGW
- > FDA 21 CFR 177.1550 compliant
- > EC 1935/2004 - suitable for food applications
- > certificated and monitored by TÜV

TECHNICAL DATA

Material	100% 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 +150°C (+302°F)*
Pressure range	vacuum up to 200bar (3000psi) depending on the installation situation*
Physiologically inert	physiologically harmless in all recommended applications
Density	0,65 g/cm ³ +/-0,10g/cm ³

* 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.



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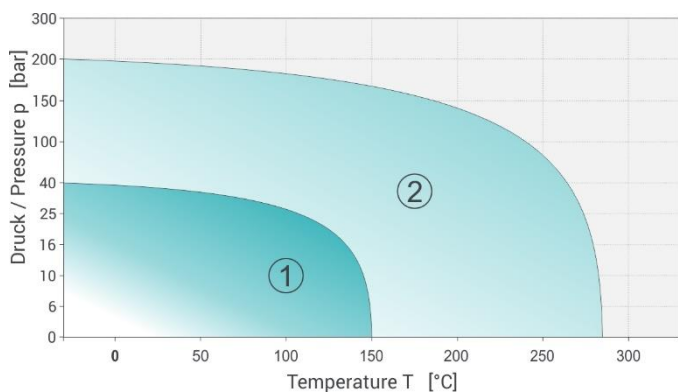
Available Dimension

Width x Thickness* [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		
25x10	X	X		
28x5	X	X	X	
40x5	X	X		

*Other dimensions available on request.

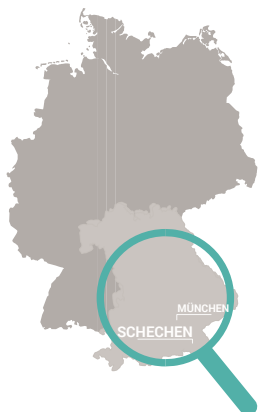
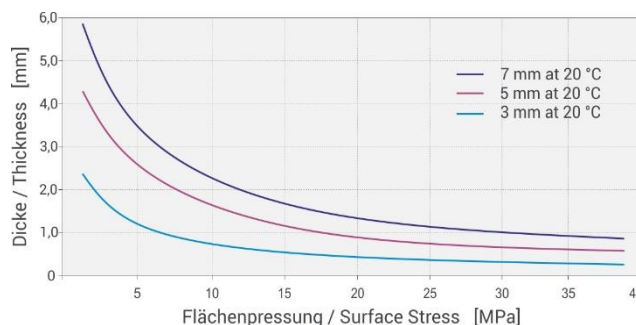
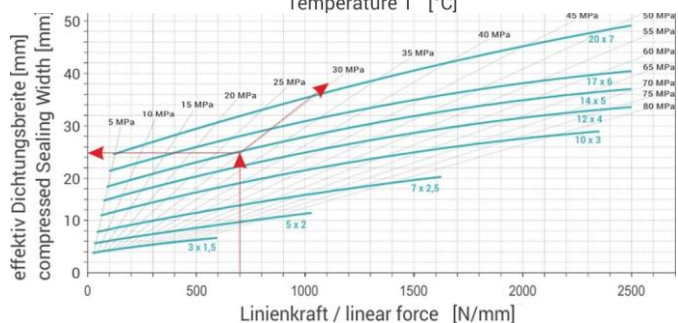
To order, please use the following text

KWO® Universal F Premium, __ 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



- ✓ 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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