

## KWO® Universal F – ePTFE joint sealant tape



KWO® Universal F is a joint sealant tape made from 100% pure, monoaxially expanded PTFE.

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.

KWO® Universal F 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.



### ★ 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

- > flange connections, tank sealings
- > apparatus constructions, ventilation systems
- > machine housings
- > compensators, pumps
- > flue gas plants

### 🏆 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
- > certificated and monitored by TÜV

## TECHNICAL DATA

<b>Material</b>	100% expanded PTFE (ePTFE) - self-adhesive
<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) recommended temperature range: from -160°C (-256°F) to +150°C (+302°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
<b>Density</b>	0,65 g/cm <sup>3</sup> +/-10%

\* 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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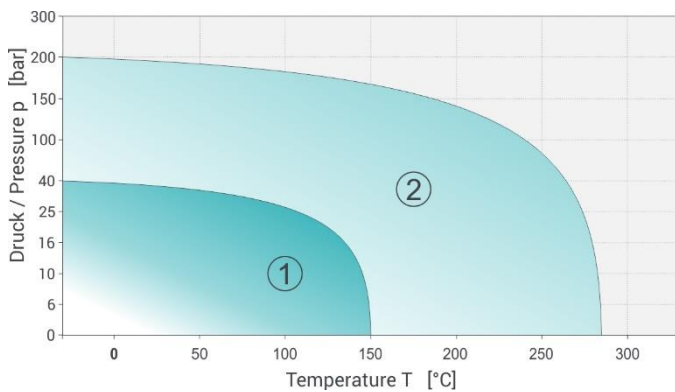
**Available Dimensions**

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		
28x5	X	X	X	
40x5	X	X		

\*Other dimensions available on request.

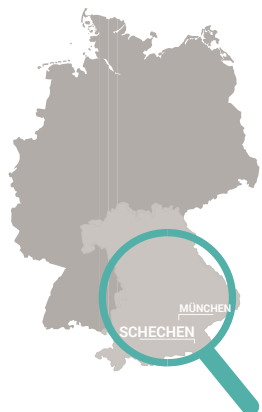
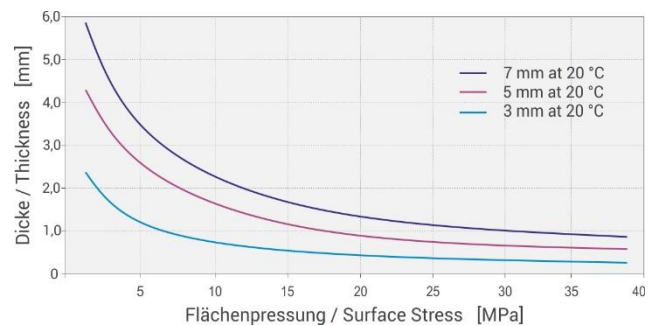
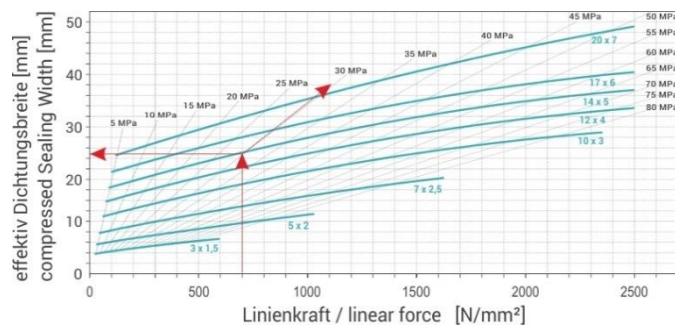
**To order, please use the following text**

Universal F, \_\_ 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 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)

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