

## KWO® Universal Tape HD – ePTFE gasket tape

MADE IN GERMANY

KWO® Universal Tape HD is a sealing tape of mono-directionally expanded pure PTFE and is characterized by a rectangular cross-section and a relatively small width.

The high density of the material and the special cross-section of the tape allow to seal very uneven surfaces even at a low gasket stress.

KWO® Universal Tape HD is suitable for delicate sealing applications on surfaces vulnerable to tension, such as glass or ceramics. The tape can also be used to seal weak flanges subject to considerable deformation, for example glass reinforced plastics (GRP), plastic fittings and ventilation facilities.



### ★ Advantages

- > low diffusion leakage
- > excellent adaptability to all surfaces
- > easy filling of flange gaps
- > harmless for food-contact applications

### ⚙ Properties

- > UV resistant; non-ageing
- > nontoxic, biologically inert
- > non-flammable

### 📦 Applications

- > flange connections, tank sealings
- > ventilation systems
- > apparatus constructions
- > machine housings
- > pumps, food processing systems

### 📄 Certificates

- > certificated and monitored by TÜV
- > FDA 21 CFR 177.1550 compliant
- > EC 1935/2004 - suitable for food applications

## TECHNICAL DATA

<b>Material</b>	100 % expanded PTFE (ePTFE) - self-adhesive
<b>Chemical resistance</b>	pH range from 0 to 14; full chemical resistance (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 -200°C (-328°F) to +150°C (302°F)*
<b>Pressure resistance</b>	vacuum up to 80bar (1160psi) depending on the installation situation*
<b>Physiologically inert</b>	physiologically harmless in all recommended applications
<b>Density</b>	1,00 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.

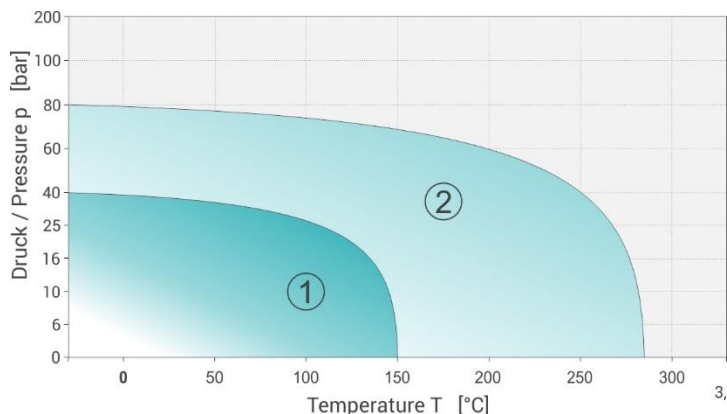


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## Available Dimensions

Width x Thickness* [mm]	Spool length [m]		
	10	25	50
4x2,5	X	X	X
6x4,6	X	X	X
8x5,5	X	X	
10x7	X	X	
14x5	X		

\*Other dimensions available on request.

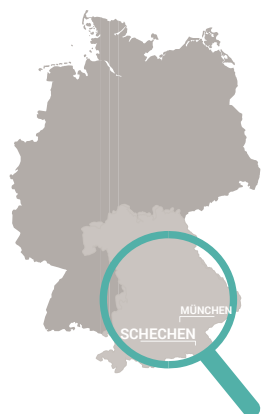
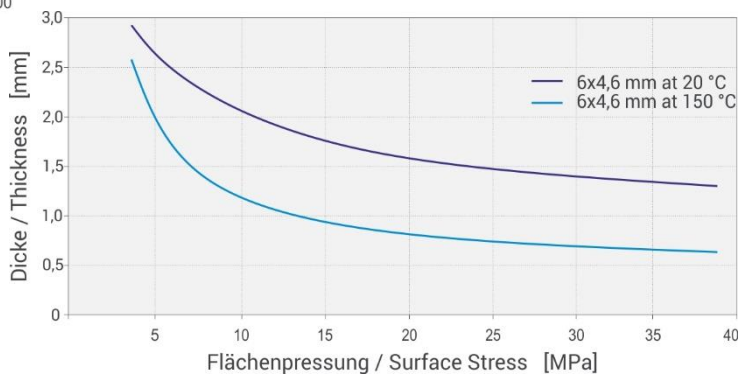


## To order, please use the following text

KWO® Universal HD, \_\_ 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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