

KWO® Universal FR – ePTFE gasket tape


 MADE IN GERMANY

KWO® Universal FR is a gasket tape made from glass fibre reinforced expanded PTFE.

The added glass fibres improve the mechanical properties and allow a higher operating temperature. The result is a considerably reduced cold-flow tendency, good recovery properties and excellent sealing performances at thermal cycling's.



★ Advantages

- > suitable for repairs of flange connections in power plants
- > resistance to high gasket stresses
- > high thickness after installation
- > suitable for systems with changing temperatures

⚙ Properties

- > high mechanical properties
- > high chemical resistance
- > non-ageing
- > non-flammable

🏠 Application

- > flange connections
- > heat exchangers
- > apparatus constructions
- > compensators
- > flue gas plants

📜 Certificates

- > blow out safety acc. to VDI 2200

TECHNICAL DATA

Material	100 % expanded PTFE (ePTFE) with fillers - self-adhesive
Chemical resistance	pH range from 0 to 12; high chemical resistance (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 +200°C (+392°F)*
Pressure resistance	vacuum up to 80bar (1160psi) depending on the installation situation*
Density	1,0 g/cm ³ +/-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.

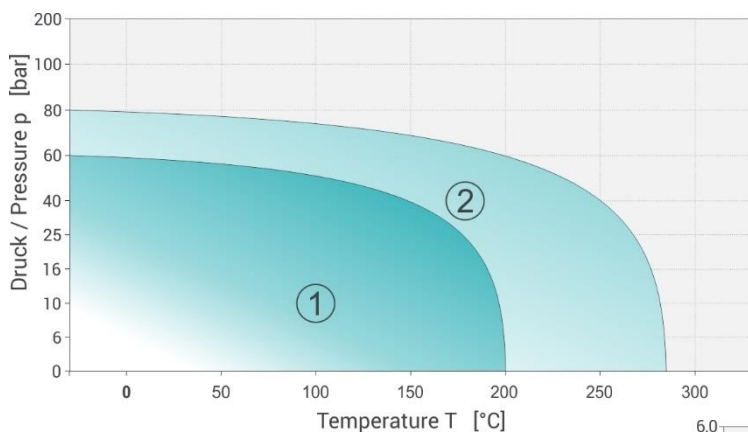


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Available Dimensions

Width x Thickness* [mm]	Spool length [m]		
	10	25	50
6x2,5	X	X	
8x3,5	X	X	
10x5	X	X	X

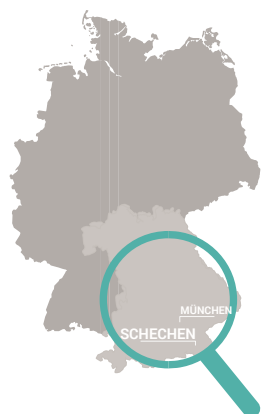
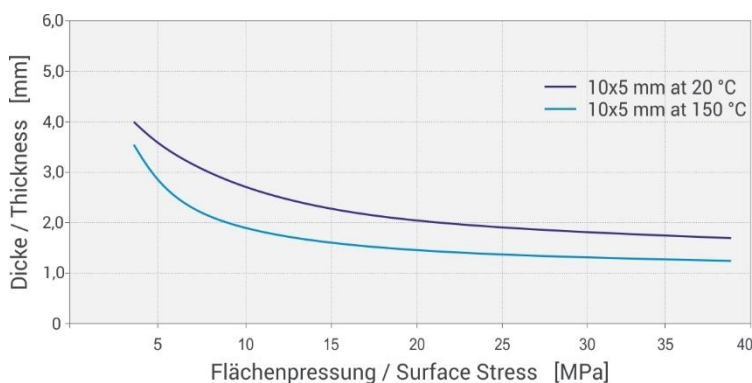
* Other dimensions available on request.


To order, please use the following text

KWO® Universal FR, __ 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

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