

KWO® Universal R – expanded ePTFE gasket cord



KWO® Universal Tape R is a round sealing cord, which is manufactured with the same technology than the KWO® Universal Tape F Premium.

The round shape has no additional adhesives and is suitable for high purity applications, where the gasket is positioned in the respective wells provided.



★ Advantages

- > excellent adaptability to all surfaces
- > suitable for flanges with tongue/groove
- > high tensile strength, low creep behaviour
- > harmless in contact with food applications

⚙ Attributes

- > high purity, no adhesive
- > UV-resistant; non-ageing
- > nontoxic, biologically inert

📦 Application

- > valves
- > slowly running pumps
- > gate valves
- > stirrers
- > mixer

🏆 Certificates

- > FDA 21 CFR 177.1550 tested
- > EC 1935/2004 - suitable for food applications

TECHNICAL DATA

Raw 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) recommended temperature range: from -160°C (-256°F) to +230°C (+446°F)*
Pressure resistance	vacuum up to 100bar (1500psi) depending on the installation situation*
Physiologically inert	physiologically harmless in all recommended applications
Density	0,65 g/cm³ +/- 0,10 g/cm³

* 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

Diameter* [mm]	Spool length [m]		
	25	50	100
1		X	X
3		X	X
4		X	X
5		X	X
6	X	X	X
7	X	X	X
7	X	X	
8	X	X	
10	X	X	
12	X	X	
14	X	X	
16	X		

* Other dimensions available on request.

To order, please use the following

KWO® Universal R, __ mm - __ m, quantity in meter
 (diameter) (spool length)



- ✓ 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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