

# KWO® MultiTex® Ring – ePTFE gasket



## Material grade:

Gasket material made of 100% multi-directional expanded PTFE.  
 The products are made without using PFOA.

## Article grade:

### Dimensions and tolerances of ring thickness

Nominal ring thickness [mm]	1,50	2,00	3,00	6,00
Tolerances within the delivery [mm]*	± 0,25	± 0,25	± 0,30	± 0,40
Maximum differences in the thickness for a single ring [mm]*	Δ0,25	Δ0,25	Δ0,30	Δ0,30

\* Ring thickness is determined by measuring sensor, e.g. Käfer FD100/25 with gauge slide Form Standard C (flat, Ø 10mm).  
 A measurement of the ring thickness with the aid of a caliper gauge is not permitted.  
 The tolerances are rounded up or down to two places after the decimal point.

### Tolerances of ring size

Nominal diameter [DN]	10 - 600
Tolerance [mm]	± 2,00

### Tolerances of density/hardness

	Norm	Value
Density [g/cm <sup>3</sup> ]	DIN 28090-2	0,85 ± 0,10
Hardness [Shore 00, 15s]	ASTM D 2240	90 ± 15

### Visual tolerances

Free of cracks, separations, notches, grooves, inclusions or contaminations and fraying.  
 Damages not more than 3 on the gasket and not bigger than diameter 1,5 mm.  
 Different shades and gloss effects as well as slight surface scratches (not lower than 0,15 mm) are not considered as a fault.

### Packaging Units:

Gaskets are packed in a pressure lock bag and are delivered in a cardboard box.

### Proper Storage:

Gaskets must be stored dry and dust-free, as they are very soil-sensitive.

No storage next to explosive materials, because the tapes become a strong electrostatically charge.

The above-mentioned test criteria can be requested in form of an inspection certificate 3.1 according to EN 10204.