

KWO® MultiTex® Sheet HD – ePTFE gasket sheet



Material grade:

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

Article grade:

Dimensions and tolerances of sheet thickness

Nominal sheet thickness [mm]	1,00	1,50	2,00	3,00
Tolerances within the delivery [mm]*	± 0,15	± 0,20	± 0,25	± 0,30
Maximum differences in the thickness for a single sheet [mm]*	Δ0,20	Δ0,25	Δ0,25	Δ0,30

* Sheet thickness is determined by measuring sensor, e.g. Käfer FD100/25 with gauge slide Form Standard C (flat, Ø 10mm). The measuring distance to the sheet edge must be at least 5 cm.

A measurement of the sheet 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 sheet size

Width x Length [mm]	1524,00 x 1524,00 (60")
Tolerance [mm]	± 24,00

Tolerances of density and hardness

	Norm	Value
Density [g/cm ³]	DIN 28090-2	1,15 ± 0,10
Hardness [Shore 00, 15s]	ASTM D 2240	90 ± 15

Tolerances of embossing depth

	All dimensions
Embossing depth [mm]*	0,20
Tolerance [mm]	± 0,15

* Embossing depth is determined by depth gauge, e.g. Käfer MD 12 TOP.

Visual tolerances

Free of cracks, separations, notches, grooves, inclusions or contaminations and fraying.

Damages not more than 3 on the sheet 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:

Sheet thickness \leq 3,00mm	rolled up and packed individually; with a large quantity the sheets will be flat packed
Sheet thickness $>$ 4,00mm	flat packed

Proper Storage:

Sheets 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.

Do not bend the sheets.

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