

# KWO® CellFlon® Sheet Blue – sPTFE gasket sheet



## Material grade:

Gasket material made of structured PTFE filled with hollow glass micro-spheres.  
 The products are made without using PFOA.

## Article grade:

### Dimensions and tolerances of sheet thickness

Nominal sheet thickness [mm]	0,75	1,00	1,50	2,00	3,00	4,00	5,00	6,00
Tolerances within the delivery [mm]*	± 0,10	± 0,15	± 0,15	± 0,20	± 0,30	± 0,40	± 0,40	± 0,40
Maximum differences in the thickness for a single sheet [mm]*	Δ0,15	Δ0,20	Δ0,25	Δ0,30	Δ0,40	Δ0,50	Δ0,60	Δ0,70

\* 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]	1500,00 x 1500,00
Tolerance [mm]	± 50,00

### Tolerances of density

	Norm	Value
Density [g/cm <sup>3</sup> ]	DIN 28090-2	1,35 ± 0,25

### Visual tolerances

Free from cracks, separations, folds, notches, grooves, elevations, inclusions or contaminations.

Different shades and gloss effects as well as slight surface scratches (max. 6 pcs. on the sheet) are not to be considered as a defect.

Surface scratches are defined as follows: not larger than a diameter of 2,00 mm and no deeper than 0,25 mm.

### Packaging Units:

The sheets are flat packed - individually in a cardboard box or, in the case of several sheets, in a wooden box.

### Proper Storage:

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

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

Do not bend the sheets.

### Traceability:

Each sheet is marked with a batch no. according to ISO 9001 (traceability). This enables the product to be traced back to the producer, ingredients, or special manufacturing process and product features across the entire or sectionally reconstructable supply chain.

### Change Management:

Any change must be communicated to the customer if technical properties, the product itself or the external appearance have been changed.

The above-mentioned test criteria can be requested from KWO<sup>®</sup> Dichtungstechnik GmbH in form of an inspection certificate 3.1 according to EN 10204.