

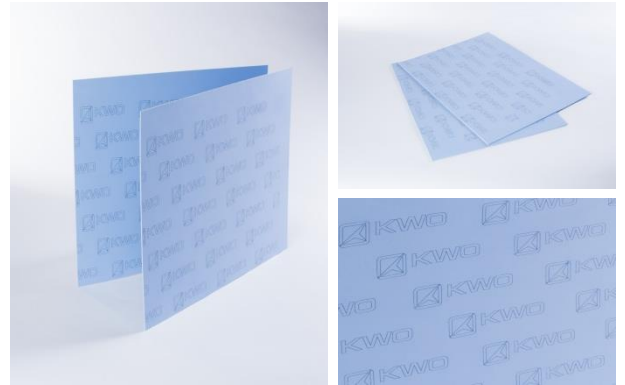
KWO® CellFlon® Sheet Blue – sPTFE gasket sheet



KWO® CellFlon® Sheet Blue is a gasket sheet material containing structured PTFE and hollow glass micro-spheres.

KWO® CellFlon® Sheet Blue is especially for use in applications where the available bolt load is limited or uneven or damaged flange connections.

Suitable for sealing most chemicals across the whole pH range (0-14), including moderate concentrations of acids and caustics, solvents, hydrogen peroxide or refrigerants.



★ Advantages

- > good adaptability to various surfaces
- > excellent sealability
- > reduced cold flow
- > easy to install and remove without residue

⚙ Properties

- > high chemical resistance
- > UV resistant, non-ageing, unlimited storable
- > non-flammable

📦 Applications

- > flange connections
- > closing lids
- > reactors
- > process vessels

🏆 Certificates

- > TA Luft regulation and blow out safety acc. to VDI 2200
- > specific values according to DIN EN 13555
- > FDA 21 CFR 177.1550 tested

TECHNICAL DATA

Material	structured PTFE with hollow glass micro-spheres
Chemical resistance	in the entire pH range (pH 0-14, except molten alkali metals or elemental fluorine)
Temperature range	recommended temperature range: from -210°C (-346°F) to +260°C (+500°F), material heat resistant up to +315°C (+600°F)*
Pressure range	vacuum up to 55bar (800psi) depending on the installation situation*
Physiologically inert	physiologically harmless in all recommended applications
Density	1,4 g/cm ³

* 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.



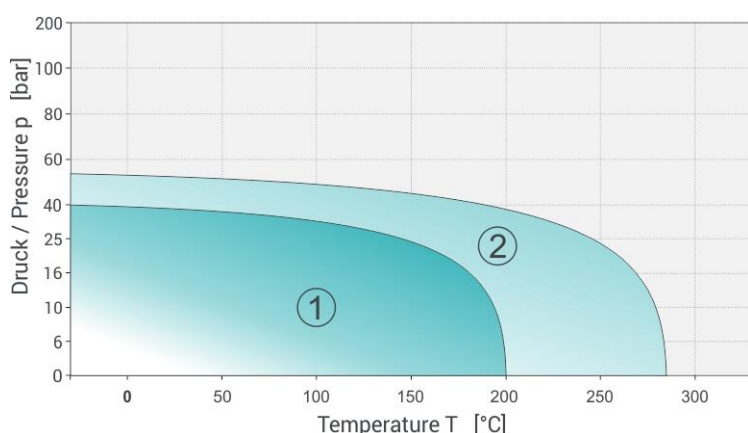
Available Dimension

Length x Width [mm]	Thickness [mm]*		
	1,5mm	2,0mm	3,0mm
1500 x 1500	X	X	X

*Other dimensions available on request.

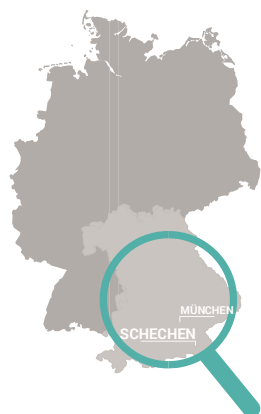
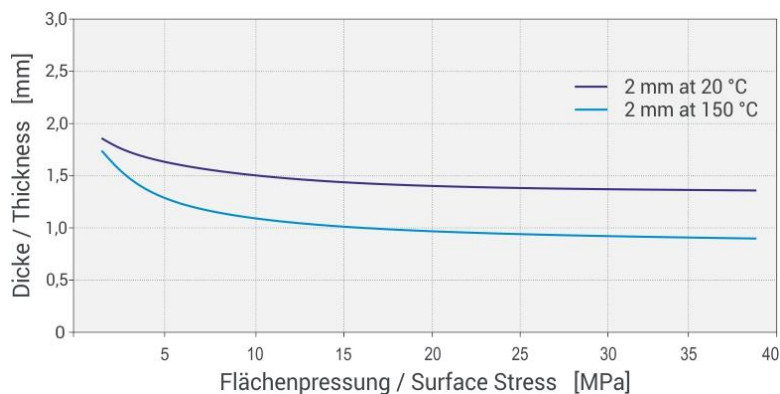
To order, please use the following text

CellFlon Sheet Blue, 1500x1500x __mm, Pieces
 (Length) (Width) (Thickness)



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

KWO Dichtungstechnik GmbH

Am Eschengrund 3
 83135 Schechen, Germany
 Tel: + 49 8039 90254-0
 Fax: + 49 8039 90254-299
 Email: info@kwo-ptfe.de



All technical information and advice given here is based on our previous experiences and/or test results. We give this information to the best of our knowledge, but assume no legal responsibility. Customers are asked to check the suitability and usability in the specific application, since the performance of the product can only be judged when all necessary operating data are available. Specifications are subject to change without notice. KWO's terms and conditions of sale apply to the purchase and sale of the product.