

# KWO® CellFlon® Sheet Brown – sPTFE Gasket Sheet



KWO® CellFlon® Sheet Brown is a gasket sheet material containing structured PTFE and Silica.

KWO® CellFlon® Sheet Brown is especially for use in the chemical and petrochemical industry.

Suitable for sealing most chemicals across the whole pH range (0-14), including strong acids, hydrocarbons, steam, solvents or chlorine.



## ★ Advantages

- > universal purpose applications
- > 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

<b>Material</b>	structured PTFE with Silica
<b>Chemical resistance</b>	in the entire pH range (pH 0-14, except molten alkali metals or elemental fluorine)
<b>Temperature range</b>	recommended temperature range: from -210°C (-346°F) to +260°C (+500°F), material heat resistant up to +315°C (+600°F)*
<b>Pressure range</b>	vacuum up to 80bar (1200psi) depending on the installation situation*
<b>Physiologically inert</b>	physiologically harmless in all recommended applications
<b>Density</b>	2,2 g/cm <sup>3</sup>

\* 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.



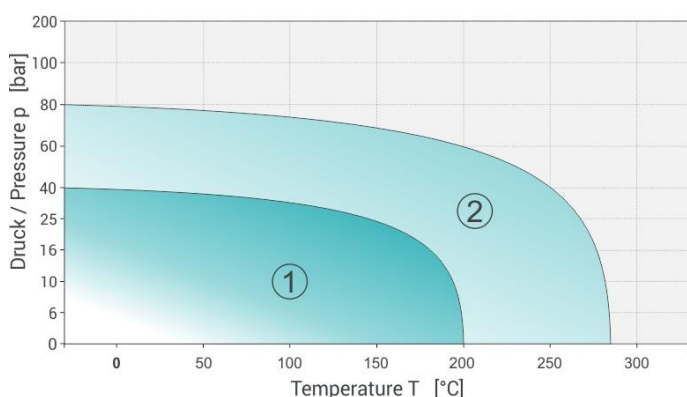
## Available Dimension

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

\*Other dimensions available on request.

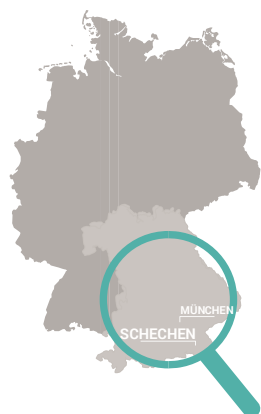
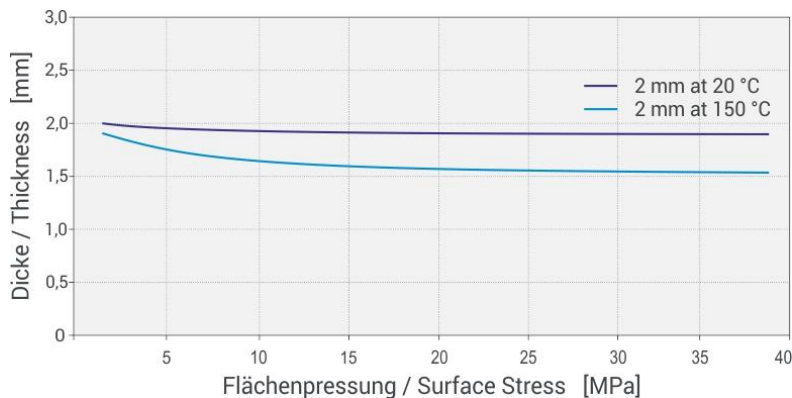
## To order, please use the following text

CellFlon Sheet Brown, 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](http://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](mailto: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.