

# KWO® CellFlon® Tape Brown – ePTFE gasket tape


 MADE IN GERMANY

KWO® CellFlon® Tape Brown is a gasket tape made from expanded PTFE with a silicate filler and a modified structure.

Through the patented CellFlon® processing method improves considerably the mechanical properties of the gasket tape. The result is a substantially reduced cold-flow tendency, a clearly improved recovery and excellent sealing properties in systems with temperature cycles.



## ★ Advantages

- > high residual thickness at time of installation
- > small widening
- > highest recovery properties
- > excellent adaptability to all surfaces
- > excellent sealing characteristics, even in case of alternate loadings

## ⚙ Properties

- > high mechanical properties
- > high chemical resistance
- > non-ageing
- > non-flammable

## 📦 Applications

- > sealings for tanks, tube flanges
- > heat exchangers, compensators
- > apparatus constructions
- > machine housing
- > flue gas plants

## 📜 Certificates

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

## TECHNICAL DATA

|                            |  |
|----------------------------|--|
| <b>Material</b>            | 100 % expanded PTFE (ePTFE) with fillers, modified by CellFlon®-procedure; self-adhesive                               |
| <b>Chemical resistance</b> | pH range from 0 to 12; high chemical resistance (except molten alkali metals and elemental fluorine)                   |
| <b>Temperature range</b>   | recommended temperature range: from -160°C (-256°F) to +180°C (+356°F); material heat resistant up to +315°C (+600°F)* |
| <b>Pressure resistance</b> | vacuum up to 80bar (1160psi) depending on the installation situation*  |
| <b>Density</b>             | 0,70g/cm³ +/-10%   |

\* 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. We use exclusively high quality raw materials in the fabrication of our products, which provide the highest level of safety and reliability.

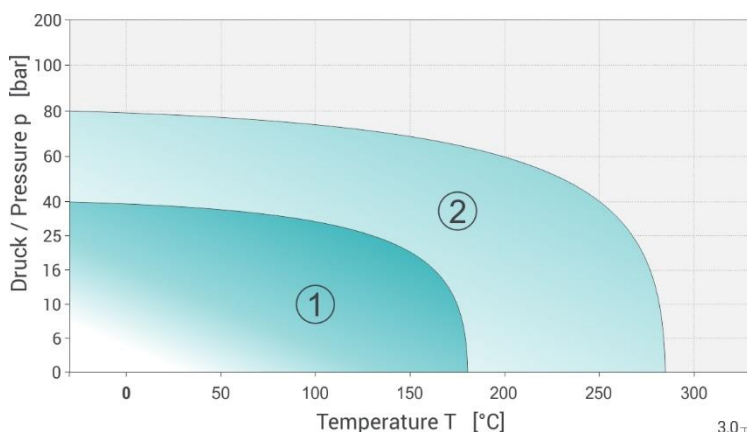


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## Available Dimensions

| Width x Thickness*<br>[mm] | Spool length [m] |    |    |
|----------------------------|------------------|----|----|
|                            | 10               | 25 | 50 |
| 9x3                        | X                | X  | X  |
| 14x3                       | X                | X  |    |
| 19x3                       | X                | X  |    |

\* Other dimensions available on request.

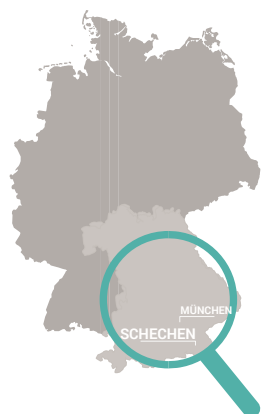
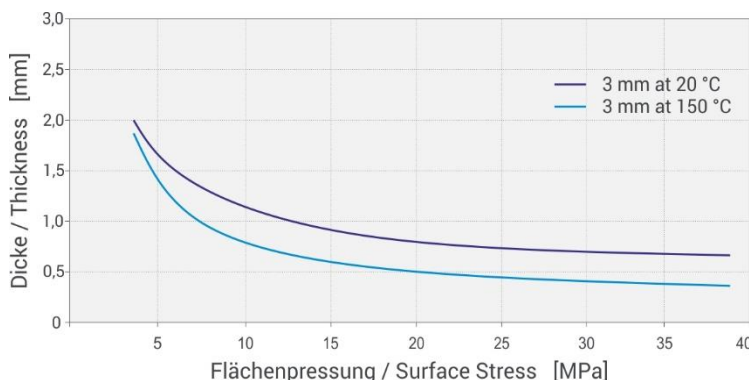


## To order, please use the following text

CellFlon Tape Brown \_\_ x \_\_ mm - \_\_ m, quantity in meter  
(width) (thickness) (spool length)

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)



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