

## New & Improved

As a global and sustainable technology partner in the field of expanded PTFE, we are continuously working on improving our products. For this reason, we have optimised the technical parameters of our KWO® MultiTex® Sheet and further increased its reliability.

### FAQs

#### 1. What is the difference between the new gasket sheets and the previous ones?



Fig. 1: Creep/relaxation test acc. to EN 13555 (stiffness 500 kn/mm, initial sealing performance 30 MPa, 150 °C, DN40/PN40)

The improved KWO® MultiTex® gasket sheet is characterised by a minimal loss of surface pressure (high P<sub>QR</sub> value acc. to EN 13555). By optimising the gasket sheet, we were able to increase the P<sub>QR</sub> value by more than 25%, while the excellent sealing properties remained unchanged. This has the advantage that there is no leakage and/or blow-out at high temperatures, external force effects during operation or high temperature fluctuations. In addition, the improved gasket sheet has a higher stiffness, which leads to increased compression strength and blow-out resistance. The new strength of the material also makes it easier to install gaskets. However, visually the sheet does not differ from previous gasket sheets.

#### 2. Are there any other innovations for the gasket sheets?

Besides to the existing certificates (EC 1935/2004, FDA 21 CFR 17.1550, TA Luft and BAM) our gasket sheet has been certified acc. to USP Class VI since this year, which represents the highest requirement for material harmlessness.

#### 3. Where can the new characteristic values of KWO® MultiTex® Sheet be inspected?

The characteristic values acc. to EN 13555 are available on GASKETDATA.ORG ([www.gasketdata.org](http://www.gasketdata.org)) and can be download there.

#### 4. Will the price change?

KWO® MultiTex® Sheet is a result of continuous technical development. We are pleased to offer this improved material at no extra charge to our customers.

#### 5. When will the new product be available?

The improved product is available from 1<sup>st</sup> of June 2022 and completely replaces the previous version.

#### 6. Will the item numbers change?

No. The item numbers remain the same.

If you have any questions, please do not hesitate to contact our customer service by phone (+49 8039 90254-103) or by e-mail ([service@kwo-ptfe.de](mailto:service@kwo-ptfe.de)).