



Industrie Service

Certificate of Conformity according VDI 2440

FluorTex GmbH Polymer Technology
Auf der Groeb 2c
83064 Raubling, Germany

We hereby confirm that the sealing material supplied by the a/m company is tested and approved in regard of the leakage requirements of VDI 2440 / VDI 2290. For details please see the relating test report, order N°: 1305353

The product meets the following requirements:

- leakage test VDI 2440 $\lambda_1 \leq 10^{-4}$ mbar*l/(s*m) ($Q_A = 30$ MPa; $\Delta p = 1$ bar)
- service temperature 48 h at 230 °C
- examination of the necessary gasket stress according to the service manual
- VDI 2290 / EN 13555: specific leakage rate $\leq 10^{-2}$ mg/(s*m) ($Q_A = 30$ MPa; $\Delta p = 40$ bar)

Product description:

- **multiFlon® ePTFE Gasket Sheet**

Material made from 100 % expanded PTFE (polytetrafluoroethylene).

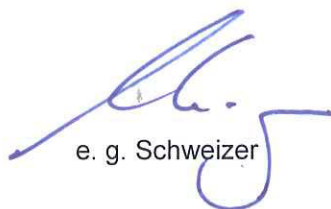
This certificate is based on the test program of VDI 2440, edition November 2000, which covers qualification testing of flange gaskets in regard of their leakage rates. The a/m points have been verified in an initial test. Prerequisite is the use of steel flanges which achieve or exceed the minimum required gasket stress at installation.

With additional proof of the intended function under operating conditions, and the design of the flange jointing with characteristic values following DIN 28090-1 or EN 13555, the sealing system can be regarded as technically tight in terms of the German Clean Air Act "TA-Luft" (paragraph 5.2.6.3).

This certificate is valid until July 2016.

Munich, July 10th 2013

TÜV SÜD Industrie Service GmbH
Institute for Plastics


e. g. Schweizer

