



BAUM lined piping GmbH
Gewerbestraße 25 - 29
75217 Birkenfeld

Attestation No. IS-AN5-MUC-2105-15101182-001

Hereby, it is attested that the piping and shaped parts with lining listed below of above mentioned company have been tested and accepted according to TA-Luft VDI 2440 and VDI 3479. For details please see the relevant test report.

The product satisfies the requirements:

- TA-Luft (leakage test) as per VDI 2440, November 2000 edition and/or VDI 3479, May 2002 as per Ziffer 3.4.2

The basis of this approval is the test procedure of VDI (Association of German Engineers) 2440 (November 2000 issue). This implies testing the performance of flange gaskets with regard to their tightness and specific leak rate in accordance with VDI 2440 [$\lambda = 10^{-4}$ mbar x l/(s x m); $\sigma = 12,5$ MPa; $\Delta p = 1,1$ bar], blow-out resistance and extended testing at the below mentioned operating conditions. This was determined in a first set of tests.

The scope of this test relates to pipings and pipe fittings with thermoplastic lining of PTFE and PFA with an outer diameter of ≥ 15 mm according to the available valid process test.

Product description:

Piping and shaped parts with lining from PTFE and PFA:

- PTFE electrically derivable (black)
- PFA electrically derivable (black)
- PTFE nature (white)
- PFA nature (white)

The flange gasket is the thermoplastic lining.

gasket thickness, uncompressed:	3 mm
operating temperature:	max. 150 °C (48 h)
stress-to-seal in the case of VDI 2440:	18 MPa
operating pressure:	max. 40 bar

This attestation is valid until May 2024.
 Annual monitoring of production

München, den 28 May 2021

TÜV SÜD Industrie Service GmbH
 Institute for Plastics

i. A. Schweizer