

# Certificate

**Gasket material:** novapress® BASIC  
**Type:** DN40/ PN40  
**Test criteria:** Compliance with the tightness criteria according to  
 TA-Luft [10<sup>-4</sup> mbar · l/(m · s)]  
**standard:** VDI-Guideline 2440 (edition November 2000)  
 VDI-Guideline 2200 (edition Juni 2007)  
**Test conditions:**

initial gasket stress:	30 MPa
temperature of exposure :	150 °C
period of exposure :	48 h
residual surface pressure:	17,7 MPa
test pressure (absolute) :	1 bar
period of leakage measurement:	24 h

**measured leak rate:**  $2,18 \cdot 10^{-6}$  mbar · l/(m · s)  
 (Helium-leak detector)

Therefore the gasket is in compliance with the tightness criteria of 10<sup>-4</sup> mbar · l/(m · s) and the gasket material can be regarded as **high-grade** sealing system for the purposes of **TA-Luft**.

This certificate is only valid in combination with our laboratory test report (Report Nr.: EMP-LB-17-049) of 20.12.2017 .

Bad Berneck, 29.01.2018

Frenzelit GmbH



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