

Certificate

Gasket material: novapress® UNIVERSAL
Type: DN40/ PN40
Test criteria: Compliance with the tightness criteria according to TA-Luft [10-4 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 : | 2000 h |
| test pressure (absolute) : | 1 bar |
| period of leakage | |
| measurement: : | 24 h |

measured leak rate: $7,0 \cdot 10^{-7}$ mbar · l/(m · s)
 (Helium-leak detector)

Therefore the gasket is in compliance with the tightness criteria of 10^{-4} 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-NR 0990501) of 06.06.2005 .

Bad Berneck, 23.01.2014

Frenzelit Werke GmbH



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