

Certificate

Gasket material: novaphit® MST
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:	30.1 MPa
temperature of exposure:	300 °C
period of exposure:	48 h
residual surface pressure:	18.6 MPa
test pressure (absolute) :	1 bar
period of leakage measurement:	24 h

measured leak rate: $5.9 \cdot 10^{-5}$ 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 the laboratory test report (Report Nr.: 3018121/-).

Bad Berneck, 17.01.2018

Frenzelit GmbH



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