

Certificate

Gasket material: novaflon® 100
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:	10 MPa
temperature of exposure :	150 °C
period of exposure :	48 h
test pressure (absolute) :	1 bar
period of leakagemasurement:	24 h

measured leak rate: $8.41 \cdot 10^{-5}$ 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 our laboratory test report (Report Nr.: EMP- LB-13-039-PA-13-110) of 20.12.2013.

Bad Berneck, 15.01.2014

Frenzelit Werke GmbH



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