

Certificate

Gasket material: novaflon® 500
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 :	48 h
test pressure (absolute) :	1 bar
period of leakage	
measurement: :	24 h

measured leak rate: $1,18 \cdot 10^{-6}$ 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- EMP-0990601) of 30.03.2006.

Bad Berneck, 03.02.2014

Frenzelit Werke GmbH



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