

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: 30 MPa
temperature of exposure : 200 °C
period of exposure : 48 h
test pressure (absolute) : 1 bar
period of leakagemasurement: 24 h

measured leak rate: $1.37 \cdot 10^{-5}$ 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- 0990403) of 22.10.2004.

Bad Berneck, 03.02.2014

Frenzelit Werke GmbH



General Manager Gasket Division



Head of development/material testing

