

# Certificate

**Gasket material:** novaflon® 500  
**Type:** DN40/ PN40  
**Test criteria:** Compliance with the tightness criteria according to  
 TA-Luft [10<sup>-4</sup> 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 leakage	
measurement: :	24 h

**measured leak rate:** 1,02 \* 10<sup>-6</sup> mbar · l/(m · s)  
 (Helium-leak detector)

Therefore the gasket is in compliance with the tightness criteria of 10<sup>-4</sup> 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-0990602) of 25.04.2006.

Bad Berneck, 03.02.2014

Frenzelit Werke GmbH



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