

Certificate

Gasket material: novapress® 850
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 :	100 °C
period of exposure :	48 h
residual surface pressure:	15.9 MPa
test pressure (absolute) :	1 bar
period of leakage measurement:	24 h

measured leak rate: $1,21 \cdot 10^{-7}$ 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-16-024) of 29.06.2016 .

Bad Berneck, 17.01.2018

Frenzelit GmbH



ppa. Bertram Axmann
 General Manager Gasket Division



i.A. Andreas Will
 Head of development/material testing

