

# Confirmation of blow-out resistance according to VDI 2200 (06/2007 version)

Product: novaphit® MST 2.0 mm

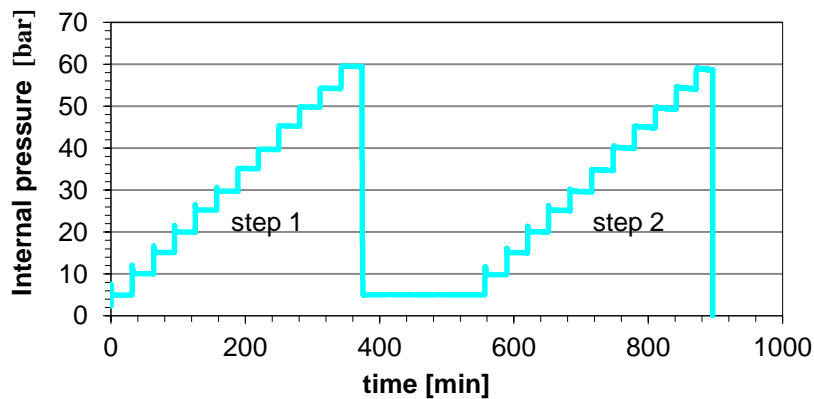
Test standard: VDI directive 2200 (June 2007 version)

**Test conditions:**

Initial surface pressure $Q_{\min(L\ 0,01)}$ :	20 MPa
Storage temperature:	300 °C
Storage time :	48 h
Residual surface pressure after storage:	16 MPa (step 1)
Reduced surface pressure:	5 MPa (step 2)
Testing agent:	Nitrogen

**Test procedure:**

The test was carried out in a universal testing machine. Following exposure to the temperature combined at the same time with a defined stiffness level of 500 kN/mm over the entire temperature cycle, the test apparatus was cooled down to room temperature. The leakage rate with the residual surface pressure was then determined in rising internal pressure stages (step 1). The surface pressure level was reduced to 5 MPa and the leakage rate was measured again with rising internal pressure (step 2).



**Result:**

The gasket material **novaphit® MST** demonstrates that it has the blowout resistance required in accordance with VDI 2200 (06-2007).

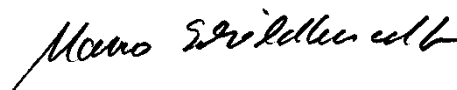
Bad Berneck, 05.02.2018

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