



FH Münster

Center of Sealing  
Technologies

Bürgerkamp 3  
D-48565 Steinfurt

# Certificate

**Z13121701**

The flat gasket type  
**Stainless steel lined PTFE gasket**  
of the manufacturer

**Vanéflon nv**  
**Industrieterrein Zwaarveld 12**  
**9220 Hamme**  
**Belgium**

has been tested in compliance with Blowout-Safety in accordance to the VDI-guideline 2200 (2007-06) by the Department of Gasketing Research of the University of Applied Sciences Münster. The test was verified in a first time test with following test conditions:

Initial gasket thickness:	3 mm
Test flange:	DN40/PN40, EN1092-1, type B, welding-neck, 1.4571
Initial gasket stress:	30 MPa
Thermal storage temperature:	150 °C
Thermal storage duration:	48 h
Test conditions:	23 °C

The residual bolt length gauging, measured at room temperature resulted in a

Residual gasket stress ( $Q_R$ ) of: 3.5 MPa.

The blowout safety test in accordance to VDI-guideline 2200 resulted for

Test step 1 at  $Q_R$ : 60 bar, no blowout measureable

This test certificate is only valid in combination with the test report 13121701.

Steinfurt, 2014-01-07

  
Prof. Dr. A. Riedl