

CERTIFICATE

No. 30203501E/FH/10.09.10

In accordance with the VDI Guideline 2440 (edition November 2000) the compliance with the tightness criteria of the type of packing set

TEADIT 2236
consisting of 5 packing rings

of the packing manufacturer

TEADIT
Rosenheimer Str. 10, A-6330 Kufstein/Tirol

was verified in a first-time test under the following test conditions:

predeformation:	1x 75	MPa
prestress:	60	MPa
geometry:	56x40x40	mm
temperature of packing:	300	°C
number of stem cycles:	5000	
stroke:	40	mm
test pressure (absolute):	40	bar
test medium:	Helium	
period of leakage measurement:	24	h

The leak rate measured with the Helium leak detector at the end of the period of the leakage measurement was

$1.5 \cdot 10^{-3} \text{ mbar} \cdot \text{l}/(\text{m} \cdot \text{s})$,

therefore the packing set is in compliance with the tightness criteria of VDI 2440 of **$1.0 \cdot 10^{-2} \text{ mbar} \cdot \text{l}/(\text{m} \cdot \text{s})$** for tests at a temperature higher than 250 °C and can be regarded as a high-grade sealing system for the purposes of TA-Luft.

This certificate is only valid in combination with the test report 3020351/-

Lauffen, September 10, 2010

amtec Messtechnischer Service GmbH



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