

CERTIFICATE

No. 0009/2016

The Materials Testing Institute University of Stuttgart certifies, the
graphite spiralwound gasket of Type SF/DPBX-1609 with outer supporting
of

Suzhou Fleu Valve Co., Ltd., No.767 Huagang Road
Wujiang Economic Devel. Area, 215200 Suzhou/China

was tested according to VDI Guide Line 2440 (Edition November 2000) and VDI Guide Line 2200 (Edition June 2007). After 48 hours of ageing at 300 °C in air the leakage rate has been measured by means of a Helium-Mass-Spectrometer:

	1 bar absolute	40 bar overpressure
RT	$6.6 \cdot 10^{-05}$ mbar·l / (s·m)	$9.7 \cdot 10^{-03}$ mbar·l / (s·m)

This leakage rate meets the requirement of VDI Guide Line 2200

$1.0 \cdot 10^{-4}$ mbar·l / (s·m) at 1 bar absolute and
 $1.0 \cdot 10^{-2}$ mbar·l / (s·m) at 40 bar overpressure.

**The Gasket can be considered to be of
High Grade Performance according to TA Luft.**

This Certificate is valid only in connection with our Test Report **903 2503 001**
dated **September 16, 2016**. The test results relate only to the items tested.



Dipl.-Ing. Rolf Hahn
department materials properties

