

# CERTIFICATE

No. 07/LBMU/06.06.2014

**Laboratory  
of Sealing Materials  
SPETECH Sp. z o.o.**

**SPETECH®**  
LBMU

43-382 Bielsko-Biała  
ul. Szyprów 17, Polska  
tel. + 48 33 818 41 33  
fax. + 48 33 818 46 79  
laboratory@spetech.eu  
www.laboratory.spetech.eu

The flat gaskets:

**SPETOFLON® FL 160**

of the manufacturer:

**C.S.U.T SPETECH Sp. z o.o.**

**43-382 Bielsko-Biała, ul. Szyprów 17, Poland**



LB - 124/02



www.tuv.com  
210/A13/5952

were verified in accordance with the VDI 2440:2000 the compliance with the tightness criteria.  
The test was performed under the following conditions:

Geometry:	92/49/2	mm/mm/mm
initial gasket stress:	30,2	MPa
temperature of exposure:	150	°C
period of exposure:	48	h
remaining gasket stress:	4,8	MPa
test pressure (absolute):	1,02	bar
period of leakage measurement:	24	h
test medium:	helium	

The leak rate at the end of the period of the leakage measurement was:

**$3,71 \cdot 10^{-5}$  mbar·l/(m·s)**

The requirement of VDI 2440 is, in test temperature, the leakage must be less than  $1 \cdot 10^{-4}$  mbar·l/(m·s). Therefore the gaskets fulfill that criteria and can be used in flange connections as a high-grade TA-Luft seals .

This certificate is valid only with the test report No. TALG/06062014/07/LBMU

Bielsko-Biała, June 6<sup>th</sup>, 2014

M.Sc.Eng. Janusz Zajaczek