



# CERTIFICATE

No. 33/LBMU/07.06.2019

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

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:

**SPETOMET® MWK 50 3 mm + 2x0.75 F.G.C.  
(kammprofile)**

of the manufacturer:

**C.S.U.T SPETECH Sp. z o.o.  
43-382 Bielsko-Biała, ul. Szyprów 17, Poland**



geometry:	, 53,0/69,0/4,5	mm/mm/mm
initial gasket stress:	82,5	MPa
temperature of exposure:	400	°C
period of exposure:	48	h
remaining gasket stress:	66,3	MPa
test pressure (absolute):	1	bar
period of leakage measurement:	24	h
test medium:	helium	

The leak rates at the end of the period of the leakage measurement were:

**1 bar test pressure:       $4,79 \cdot 10^{-9}$  mbar·l/(m·s)**

The requirement of VDI 2440 is, in test temperature and 1 bar pressure, 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. TR/33/LBMU/07062019

Bielsko-Biała, June 07<sup>th</sup>, 2019

M.Sc.Eng. Janusz Zajęczek

