



CERTIFICATE

No. 28/LBMU/30.10.2018

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 18 / 28 2x0,5 PTFE
(kammprofile)

of the manufacturer:

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

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



LB – 124/02



geometry:	53,0/69,0/4,0	mm/mm/mm
initial gasket stress:	82,1	MPa
temperature of exposure:	150	°C
period of exposure:	48	h
remaining gasket stress:	16,6	MPa
test pressure (absolute):	1 / 40	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:	$1,52 \cdot 10^{-6}$ mbar·l/(m·s)
40 bar test pressure:	$1,07 \cdot 10^{-4}$ 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/28/LBMU/30102018

Bielsko-Biała, October 30th, 2018

M.Sc.Eng. Janusz Zajęcek