

CERTIFICATE

No. 18/LBMU/26.10.2015

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

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LABORATORY

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The flat gaskets:

SPETOSPIR® MWK/SWZ® 10 F.G.C 4,5mm

of the manufacturer:

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

43-382 Bielsko-Bia³a, ul. Szyprów 17, Poland

geometry:	82,0/72,0/64,0/46,0/5,0	mm/mm/mm
initial gasket stress:	45,4	MPa
temperature of exposure:	300	°C
period of exposure:	48	h
remaining gasket stress:	27,4	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:	$1,37 \cdot 10^{-5}$ mbar·l/(m·s)
40 bar test pressure:	$9,95 \cdot 10^{-4}$ 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. TALG/26102015/18/LBMU

Bielsko-Bia³a, October 26th, 2015

M.Sc.Eng. Janusz Zajaczeck