



# CERTIFICATE

No. 36/LBMU/23.02.2021

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

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The flat gaskets:

**SPETOMET® MWK 18 / 28 APX2 th. 5,0mm**  
(kammprofile type)

of the manufacturer:

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

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



LBU-124/02-20



|                                |               |          |
|--------------------------------|---------------|----------|
| geometry:                      | 53,0/69,0/5,0 | mm/mm/mm |
| initial gasket stress:         | 82,1          | MPa      |
| temperature of exposure:       | 450           | °C       |
| period of exposure:            | 48            | h        |
| remaining gasket stress:       | 32,4          | MPa      |
| test pressure (absolute):      | 1,0           | bar      |
| period of leakage measurement: | 24            | h        |
| test medium:                   | helium        |          |

The gasket has been tested i compliance with TA Luft in accordance with the VDI Guideline 2200.  
The leak rate at the end of the period of the leakage measurement with a helium mass spectrometer was:

**1 bar test pressure:  $1,62 \cdot 10^{-5}$  mbar·l/(m·s)**

The maximum accepted leak rate is  $1,0 \cdot 10^{-4}$  mbar·l/(m·s) and has not been exceeded. Therefore the gasket fulfill the 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/536/LBMU/23022021

Bielsko-Biała, February 23<sup>th</sup>, 2021

M.Sc.Eng. Janusz Zajączek

