



valid until: January 25, 2028

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

item Industrietechnik

Gap Seal 6mm, grey

**Report No. IT 2207-1335**

Single product  
Outgassing Behavior  
VOC/SVOC

## Qualification Certificate

This is to certify that the product mentioned above, provided by

**item Industrietechnik GmbH**  
Solingen, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number IT 2207-1335.

The outgassing behavior of the Gap Seal 6mm, grey at the stated temperatures was investigated according to VDI 2083 Part 17 and ISO 14644-15. Based on the outgassing rates determined for the specific surfaces, the following material classification was made for the corresponding Contaminant Category:

| Contaminant Category (x) | SER <sub>a</sub> <sup>1)</sup> 23 °C<br>[g/m <sup>2</sup> s] | SER <sub>a</sub> <sup>1)</sup> 90 °C<br>[g/m <sup>2</sup> s] | ISO-ACC <sub>m</sub> Class<br>(x)<br>based on 23 °C |
|--------------------------|--------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------|
| VOC                      | $3.9 \times 10^{-8}$                                         | $1.5 \times 10^{-6}$                                         | <b>-7.4</b>                                         |
| SVOC                     | $3.5 \times 10^{-10}$                                        | $1.5 \times 10^{-7}$                                         | <b>-9.5</b>                                         |
| Amines                   | $< 2.8 \times 10^{-10}$                                      | $< 1.7 \times 10^{-9}$                                       | --                                                  |
| Organophosphates         | $< 2.8 \times 10^{-10}$                                      | $< 1.7 \times 10^{-9}$                                       | --                                                  |
| Siloxanes                | $< 2.8 \times 10^{-10}$                                      | $< 1.7 \times 10^{-9}$                                       | --                                                  |
| Phthalates               | $< 2.8 \times 10^{-10}$                                      | $< 1.7 \times 10^{-9}$                                       | --                                                  |

<sup>1)</sup>SER<sub>a</sub>: Area-specific emission rate

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued.

The document can be verified under  
**www.tested-device.com.**

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

IT 2207-1335  
Report No. first document

Stuttgart, January 25, 2023  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 



**Fraunhofer**  
IPA