



valid until: January 25, 2028

Fraunhofer

TESTED[®] DEVICE

item Industrietechnik
Fixing System, Lip Seal 8, 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 Fixing System, Lip Seal 8, 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 _a ¹⁾ 23 °C [g/m ² s]	SER _a ¹⁾ 90 °C [g/m ² s]	ISO-ACC _m Class (x) based on 23 °C
VOC	7.4 x 10 ⁻⁹	6.7 x 10 ⁻⁸	-8.1
SVOC	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	< -9.6
Amines	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--
Organophosphates	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--
Siloxanes	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--
Phthalates	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--

¹⁾SER_a: Area-specific emission rate

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 

DUPLICATE

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.