



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	7.4×10^{-9}	6.7×10^{-8}	-8.1
SVOC	$< 2.8 \times 10^{-10}$	$< 1.7 \times 10^{-9}$	< -9.6
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	$< 2.8 \times 10^{-10}$	$< 1.7 \times 10^{-9}$	--

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 

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.



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