



Fraunhofer

TESTED[®] DEVICE

Rite-Hite Corporation
LS Clean US 05/2021
Report No. RI 2108-1247

Single product Outgassing Behavior VOC/SVOC

Qualification Certificate

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

**Rite-Hite Material Handling
Equipment (Kunshan) Co., Ltd.**
Kunshan Jiangsu , China

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number RI 2108-1247.

The outgassing behavior of the VINYL,27OZ,WHITE,TOPCOAT,
118" (color: 907907) 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	2.8 x 10 ⁻⁶	2.4 x 10 ⁻⁵	-5.6
SVOC	1.1 x 10 ⁻⁶	1.8 x 10 ⁻⁵	-6.0
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	6.9 x 10 ⁻⁹	--
Phthalates	< 2.8 x 10 ⁻¹⁰	< 1.7 x 10 ⁻⁹	--

¹⁾SER_a: Area-specific emission rate

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Stuttgart, March 3, 2022
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

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.