



valid until: November 13, 2030

Fraunhofer

TESTED[®] DEVICE

U.I. Lapp GmbH
ÖLFLEX ROBUST FD
Report No. LA 2509-1671

Single product Outgassing Behavior VOC/SVOC

Qualification Certificate

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

U.I. Lapp GmbH
Stuttgart, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number LA 2509-1671.

The outgassing behavior of the cable system ÖLFLEX ROBUST FD 5G1,5 (color: black) at the stated temperature was investigated according to ISO 14644-15. Based on the outgassing rates determined for the specific equipment, the following material classification was made for the corresponding Contaminant Category:

Contaminant Category (x)	SER _u 23°C ¹⁾ [g/unit*s]	ISO-ACC _e Class (x)
VOC	4.9×10^{-10}	-9.3
SVOC ²⁾	5.3×10^{-12}	-11.3
Sum of VOC and SVOC	5.0×10^{-10}	--
Refractories ³⁾	3.9×10^{-12}	--
Siloxanes ⁴⁾	2.3×10^{-12}	--

¹⁾ The emission rate is calculated using the detected mass based on the response of the standard, the analyzed unit and the sampling duration

²⁾ SVOC are airborne SVOC

³⁾ Refractories are compounds containing elements other than C, H and O (for example S, P, N, Si, ...).

⁴⁾ Siloxanes and other Si-containing organic substances. Siloxanes also count as refractories

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Stuttgart, November 13, 2025
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, head of business unit Testing and Certification

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.