



valid until: November 13, 2030

Fraunhofer

TESTED[®] DEVICE

U.I. Lapp GmbH
ÖLFLEX FD 855 P
Report No. LA 2509-1671

Single product Outgassing Behavior VOC/SVOC

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.

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 FD 855 P 5G1,5 (color: gray) 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	6.6 x 10 ⁻¹¹	- 10.2
SVOC ²⁾	< 2.8 x 10 ⁻¹³	< - 12.6
Sum of VOC and SVOC	6.6 x 10 ⁻¹¹	--
Refractories ³⁾	6.8 x 10 ⁻¹²	--
Siloxanes ⁴⁾	5.5 x 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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Report No. first document

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



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