IPA

Cleanroom (atmospheric)

valid until: November 13, 2030

Fraunhofer

TESTED® DEVICE

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

Single product
Particle Emission in Cleanroom (atmospheric)

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 cable system ÖLFLEX FD 855 P 5G1,5 (color: gray) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature: 22 °C ± 0.5 °C; relative humidity: 45 % ± 5 %), it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Classes according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
$v_1 = 0.5\,m/s$; $a_1 = 1.0\,m/s^2$	1
$v_2 = 1.0\,m/s$; $a_2 = 2.0\,m/s^2$	1
$v_3 = 2.0\,m/s$; $a_3 = 4.0\,m/s^2$	1
Overall result	**1**

Please note: Transport damages, incorrect installation, aging behavior etc. can influence the test result.

LA 2509-1671
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

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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