



valid until: April 19, 2028

Fraunhofer

TESTED[®] DEVICE

Rollon S.p.A.

ONE 80

Report No. RO 2211-1366

Single product Particle Emission

Qualification Certificate

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

Rollon S.p.A.

Vimercate (MB), Italy

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number RO 2211-1366.

The linear unit ONE 80 was assessed in compliance with ISO 14644-14. When operated under the specified test conditions, 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
$v_1 = 0.5 \text{ m/s}$; $a_1 = 1.0 \text{ m/s}^2$; horizontal	4
$v_2 = 1.0 \text{ m/s}$; $a_2 = 2.0 \text{ m/s}^2$; horizontal	3
$v_3 = 2.0 \text{ m/s}$; $a_3 = 4.0 \text{ m/s}^2$; horizontal	7
$v_1 = 0.5 \text{ m/s}$; $a_1 = 1.0 \text{ m/s}^2$; vertical	2
$v_2 = 1.0 \text{ m/s}$; $a_2 = 2.0 \text{ m/s}^2$; vertical	4
$v_3 = 2.0 \text{ m/s}$; $a_3 = 4.0 \text{ m/s}^2$; vertical	3
Overall result	7

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

RO 2211-1366

Report No. first document

Stuttgart, April 19, 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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