



Fraunhofer

TESTED[®] DEVICE

Pfennig Reinigungstechnik GmbH
UltraSicuro CR/A
Report No. PF 2503-1605

Single product
**Particle Emission
in Cleanroom
(atmospheric)**

Qualification Certificate

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

Pfennig Reinigungstechnik GmbH
Durach, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number PF 2503-1605.

When operated in a dry state under the specified test conditions
(room temperature: $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$; relative humidity: $45\% \pm 5\%$),
the UltraSicuro CR/A (pre-washed, polyester, gray-multicolored)
was assessed in compliance with ISO 14644-14 and VDI Part 9.2
is suitable for use in cleanrooms up to the following Air Cleanli-
ness Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Linear compression = 120 mm Torsion = 180° Cycle time $t = 1\text{ s}$	5
Overall result	

This corresponds with ISO-ACP_c Class 5 according to
VDI 2083 Part 9.2.

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

PF 2503-1605
Report No. first document

Stuttgart, April 30, 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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