



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Roxtec International AB  
SFH 8x1 HF ALU PC  
**Report No. RO 2410-1566**

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

### Qualification Certificate

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

**Roxtec International AB**  
Lyckeby, Sweden

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number RO 2410-1566.

The SFH 8x1 High finish (HF) powder coated (PC) RAL9016 aluminum frame with Roxylon EPDM modules using assembly gel white (lubricant) and SFH 8x1 HF Silicone gasket between frame and structure was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature:  $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ ; relative humidity:  $45\% \pm 5\%$ ), it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Structure-borne noise = approx. 50Hz	1
Overall result	

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

RO 2410-1566  
Report No. first document

Stuttgart, December 19, 2024  
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 B rger, Project Manager Fraunhofer IPA

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](http://www.tested-device.com).

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.