

Fraunhofer

TESTED[®] DEVICE

igus GmbH chainflex CF38

Report No. IG 2305-1427

Product series Particle Emission

Qualification Certificate

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

igus GmbH

Cologne, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number IG 2305-1427.

The series chainflex Motor cable CF38 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
$v_1 = 0.5 \text{m/s}; a_1 = 1.0 \text{m/s}^2$	4
$v_2 = 1.0 \text{m/s}; a_2 = 2.0 \text{m/s}^2$	4
$v_3 = 2.0 \text{m/s}; a_3 = 4.0 \text{m/s}^2$	4
Overall result	4

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

IG 2305-1427

Report No. first document

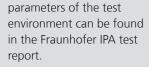
Stuttgart, April 17, 2024

Place, date of first document issued

Report No. current document

Place, current date

on behalf of Project Manager Fraunhofer IPA



Detailed information and

www.tested-device.com.

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

