



valid until: June 28, 2029

Fraunhofer

TESTED[®] DEVICE

THOMAS CABLE Co.,Ltd.
WOWFLEX_5H300X
Report No. TH 2406-1527

Single product Particle Emission

Qualification Certificate

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

THOMAS CABLE Co.,Ltd.
Cheongju-si, Republic of Korea

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number TH 2406-1527.

The WOWFLEX SYSTEM_5H300X (color: white) 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
$v_1 = 0.5 \text{ m/s}; a_1 = 1.0 \text{ m/s}^2$	1
$v_2 = 1.0 \text{ m/s}; a_2 = 2.0 \text{ m/s}^2$	1
$v_3 = 2.0 \text{ m/s}; a_3 = 4.0 \text{ m/s}^2$	1
Overall result	1

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

TH 1901-1088
Report No. first document

Stuttgart, January 30, 2019
Place, date of first document issued

TH 2406-1527
Report No. current document

Stuttgart, June 28, 2024
Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, 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 current
date the 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.