



valid until: June 28, 2029

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

THOMAS CABLE Co.,Ltd.  
WOWFLEX\_5H300X  
Report No. TH 2406-1527

### Single product Particle Emission

DUPLICATE

### 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
<b>Overall result</b>	<b>1</b>

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

TH 1901-1088 Stuttgart, January 30, 2019  
Report No. first document Place, date of first document issued

TH 2406-1527 Stuttgart, June 28, 2024  
Report No. current document 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](http://www.tested-device.com).

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