



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

THOMAS CABLE Co., Ltd.  
THOMFLEX-CLEANROOM  
Report No. TH 1312-682

### Qualification Certificate

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

**THOMAS CABLE Co., Ltd.**  
Yeochon-Ri, Ochang-Myun, South Korea

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number TH 1312-682.

The THOMFLEX-CLEANROOM series is suitable for use in cleanrooms fulfilling the following Air Cleanliness Class according to ISO 14644-1:

Parameters	Air Cleanliness Class
$v_1 = 0.5 \text{ m/s}; a_1 = 1.0 \text{ m/s}^2$	ISO 1
$v_2 = 1.0 \text{ m/s}; a_2 = 2.0 \text{ m/s}^2$	ISO 1
$v_3 = 2.0 \text{ m/s}; a_3 = 4.0 \text{ m/s}^2$	ISO 1
Overall result	<b>ISO 1</b>

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

Stuttgart, February 11, 2014

i.A.   
Project manager

DUPLICATE

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.

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