

Fraunhofer

TESTED® DEVICE

TM Tech Co., Ltd. T-FLEX (SM-R-XXX)

Report No. TM 1612-863

Particle Emission

Qualification Certificate

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

TM Tech Co., Ltd. Gyeonggi-do, Korea

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number TM 1612-863.

When operated under the specified test conditions, the cable system T-FLEX (SM-R-XXX) (sleeve color: white) 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
$v_3 = 2.0 \text{m/s}; a_3 = 4.0 \text{m/s}^2$	3
Overall result	3

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

Stuttgart, January 18, 2017

on behalf of River



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