



# Test Report

Report No. A218023276910104

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Applicant FORTIVE (SHANGHAI) INDUSTRIAL INSTRUMENTATION TECHNOLOGIES  
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Address ROOM 101, TOWER 9, NO.518, NORTH FUQUAN ROAD CHANGNING  
DISTRICT, SHANGHAI

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client**

Sample Name Thermalert4.0series infrared sensors  
Material 316L  
Sample Receiving State Normal  
Sample Received Date Nov. 27, 2018  
Testing Period Nov. 27, 2018-Dec. 4, 2018

**Test Requested**

No.	Test Item
1	IP6X

**Test Result(s):** Please see the following pages.

Approved by Roger Xiao

Date Dec. 4, 2018

Roger xiao  
Approved Signatory

No. RC51403943

Centre Testing International Group Co., Ltd.

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China



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## Tested Sample(s)

Sample No.	Sample Name	Material	Quantity
A2180232769101003	Thermalert4.0series infrared sensors	316L	1pc

## Sample Photo(s)



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**Test Item: IP6X**

## 1. Test Equipment

Equipment Name	Model
Test probe	Φ1.0mm
Dust Tester	KXT1410

## 2. Environmental Conditions

Temperature: 25 °C; Humidity: 45%RH

## 3. Test Standard: IEC 60529:2013

## 4. Test Condition

The Test prober of 1 mm diameter is pushed against any opening of the sample with force of 1 N

Set the sample in the dust chamber, the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump (Pump speed:96mL/min, 40-60times of the shell volume per hour; the differential pressure between the containment and the atmosphere: 0.3kPa)

The talcum powder to be used is 2kg/ m<sup>3</sup> of the test chamber volume;

Test duration: 2 hours

## 5. Test Result(s)

Sample No.	Test result (Visual inspection)	Conclusion
A2180232769101003	The test probe cannot enter into the sample, no dust entered into the sample	Pass

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## Test Photo(s)



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## Sample Photo(s) after the test



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\*\*\* End of Report \*\*\*

### Statement:

- 1.This report is considered invalidated without approval signature, special seal and the seal on the perforation;
- 2.The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
- 3.The result(s) shown in this report refer(s) only to the sample(s) tested;
- 4.Without written approval of CTI, this report can't be reproduced except in full;
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