



Test Report

No.: XMHL250400243601SD

Date: Apr 27, 2025

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ANHUI HUANRUI HEATING MANUFACTURING CO.,LTD
JINGSAN ROAD,FEIDONG ECONOMIC DEVELOPMENT ZONE ,HEFEI CITY,CHINA

Sample Descriptions : HEATING MAT

Item No.(s) : H RTP SERIES

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Apr 17, 2025

Test Performing Date : Apr 17, 2025 to Apr 27, 2025

Test Performed : Selected test(s) as requested by applicant

Test Result(s) : For further details, please refer to the following page(s)



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	IP6X	IEC 60529:1989+A1:1999+A2 :2013+ COR1:2019	No visual ingress of dust.	Pass
2	IPX7	IEC 60529:1989+A1:1999+A2 :2013+ COR1:2019	No visual ingress of water.	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch



Terry Hong
Authorized Signatory

Scan to see the report



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*** SGS Ref No.: GZMR250401221001 ***

The below tests were conducted by SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

1. Test Item: IP6X

Sample Description: Finished Product

Test Method: IEC 60529:1989+A1:1999+A2:2013+COR1:2019

Test Condition:

Test dust: Talcum powder

Dust concentration: 2 kg/m³ and suspended during the test

Depression: ≤2 kPa

Pumping speed: <40 volumes/h

Test duration: 8 h

Lab Environmental Condition: 18 °C - 28 °C, 25 %RH - 75 %RH

Test Result:

Sample A

Specimen	Result	Client's Requirement	Conclusion
1	No visual ingress of dust.	No visual ingress of dust.	Pass

Test Photo:



Original Sample-Sample A



During Test-Sample A



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Before Test-Sample A



After Test-Sample A



After Test-Local Part

Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Sand and Dust Test Chamber	QY/SC-1000LK	GZMR-RL-E211	2025-04-16	2026-04-15



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2. Test Item: IPX7

Sample Description: Finished Product

Test Method: IEC 60529:1989+A1:1999+A2:2013+COR1:2019

Test Condition:

Test water depth: 1 m

Test duration: 30 min

Lab Environmental Condition: 18 °C - 28 °C, 25 %RH - 75 %RH

Test Result:

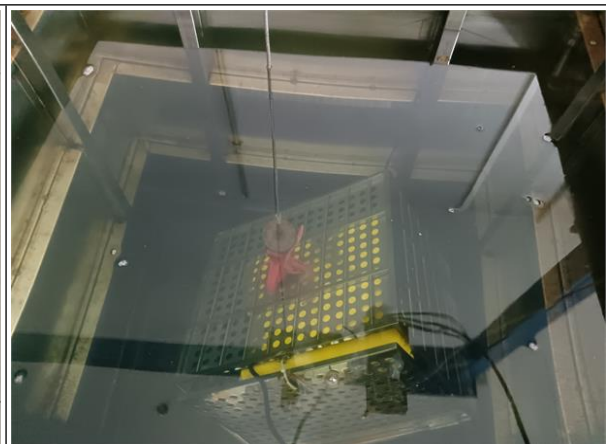
Sample A

Specimen	Result	Client's Requirement	Conclusion
1	No visual ingress of water.	No visual ingress of water.	Pass

Test Photo:



Original Sample-Sample A



During Test-Sample A



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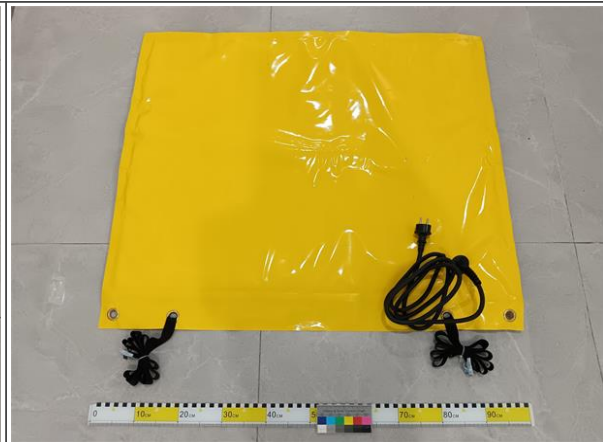
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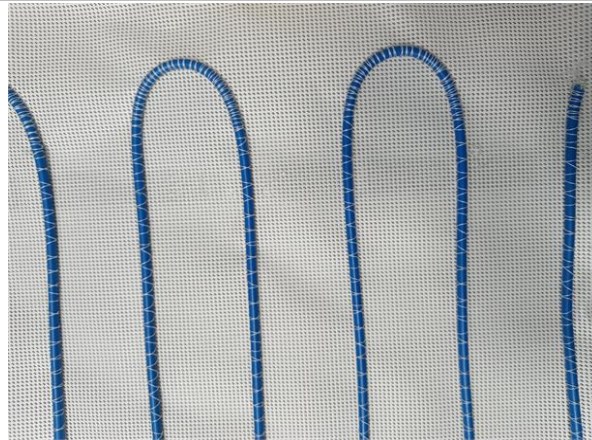
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Before Test-Sample A



After Test-Sample A



After Test-Local Part

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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Non-contacting Infrared Thermometer	UT301A	GZMR-RL-E156	2025-03-12	2026-03-11
Waterproof Tester	GR-IPX7&IPX8 B	GZMR-RL-E203-02	2025-03-19	2026-03-18

Appendix information:

*Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report



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