

# TEST REPORT

No. : SHMR251202962501

Date : Dec 23, 2025

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SHMR251202962501  
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CUSTOMER NAME: Nanjing Shenghui Rubber and Plastic Co., Ltd.

ADDRESS: No. 38, Hancun Town, Gǔbǎi Town, Gaochun District, Nanjing City

Sample Name : Rubber mat

Product specification : Thickness: 3mm

Others : Withstand voltage: 10kv

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

SGS Ref. No. : SHIN2512011905PL01

Date of Receipt : Dec 16, 2025

Testing Start Date : Dec 16, 2025

Testing End Date : Dec 23, 2025

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

(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services (Shanghai) Co., Ltd.

Jamin Cole

Jamin Cao  
Authorized signatory

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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Withstand Test	IEC 61111:2009 Section 5.6.4.3	See result	Pass

Note: Pass : Meet the requirements;

Fail : Does not meet the requirements;

/ : Not Apply to the judgment.

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## 1. Test Item: Withstand Test

### Sample Description: A-Rubber sheet

#### Test Method: IEC 61111:2009 Section 5.6.4.3

### Test Condition:

Precondition: Soak in water for 16 h

Surround medium: Transformer oil at (23±2) °C

Test electrode: Unequal electrodes (upper electrode Ø25 mm, lower electrode Ø75 mm)

Voltage type: AC 50 Hz

Test Voltage: 10 kV (class 0)

Test duration: 3 min

Lab Environmental Condition: ( 23 ± 2 ) °C, ( 50 ± 5 ) %RH

## Test Result:

### Sample A

Specimen	Thickness, mm	Leakage Current, mA	Appearance
1	3.010	<0.5	No breakdown or flashover
2	2.991	<0.5	No breakdown or flashover
3	2.978	<0.5	No breakdown or flashover
4	3.003	<0.5	No breakdown or flashover
5	3.006	<0.5	No breakdown or flashover

Note: The leakage current was less than the lower limit of equipment measurement (<0.5 mA)

#### Requirement in IEC 61111:2009 Section 5.6.4.3: No breakdown or flashover

## Conclusion: Pass

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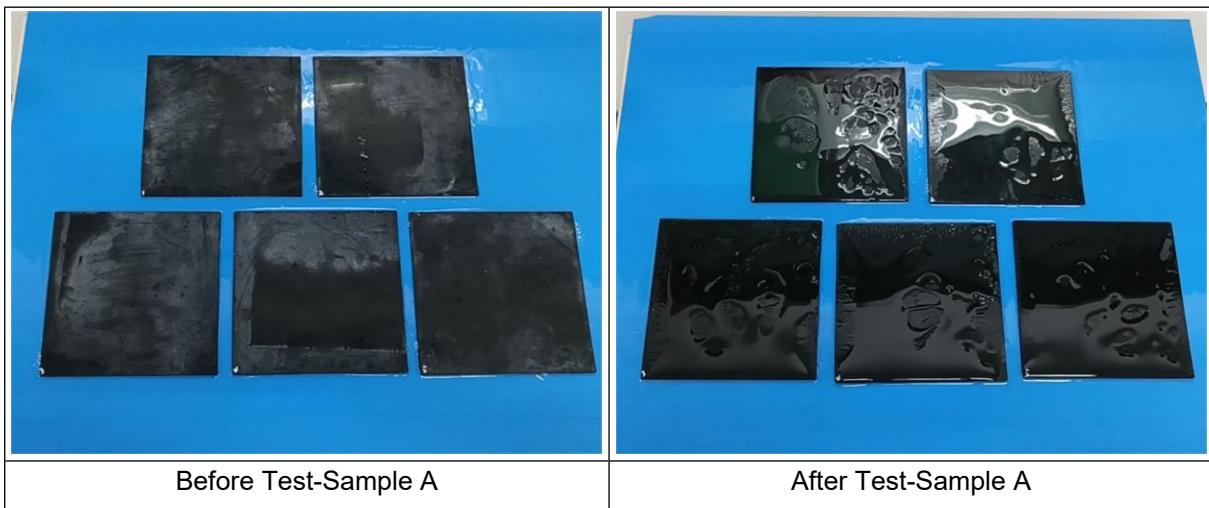
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Test Photo:



Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
High Voltage Tester	JTKZ-1	P-207	2025-10-13	2026-10-12
Digital Thickness Gauge	EK091711	P-1034	2025-12-02	2026-12-01

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.

\*The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc. and just for client internal reference.

\*\*\*\*\* End of report\*\*\*\*\*



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