

TEST REPORT

Report No.: YC20001A/2021

Page: 1 of 4

Date: February 22, 2021

PROFILM MATERIALS LTD.
3F, NO. 21, WENHUA NORTH STREET,
GUIREN DISTRICT, TAINAN CITY, TAIWAN

The following merchandise was submitted and identified by the vendor as:

Product Description: Light-emitting warning rope
Style/ Item No.: TR-AA005141/ No.1
Manufacturer/ Vendor: Profilm Materials Ltd.
Country of Origin: Taiwan
Quantity: Total 1 piece
Testing Period: Feb. 9, 2021

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required:

Test for Degrees of Protection Provided by Enclosures (IEC 60529 Edition 2.2: 2013)

IP Code	IPX7
First characteristic numeral	Omitted
Second characteristic numeral	Degrees of protection against ingress of water

Test Results:

Conclusion
Submittals sample(s) comply with the requirement and acceptance conditions of IEC 60529 Edition 2.2: 2013 Degrees of Protection Provided by Enclosures--IPX7 The detailed description of test result, please see attached sheet(s).

Signed for and on behalf of
SGS TAIWAN Ltd.



Hank Chiou
Asst. Manager

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TEST REPORT

Test for Degrees of Protection Provided by Enclosures:

Test Equipment:

Name	Brand	Model	Serial No.
IPX7/IPX8 Immersion Tank	SGS	Self-made	OPK-0026

Lab Environmental Conditions:

Ambient temperature: (15 ~ 35)°C

Ambient humidity: (25 ~ 75) % RH

Test Location: 3F-1, No. 17, Guoji Rd., Sinshih Dist., Tainan City, Taiwan

Test Method/ Specification:

Test method: IEC 60529 Edition 2.2: 2013--IPX7

Test for protection against water:

Sample condition: Operating

Test means: Completely immerse the specimen in water in its service position as specified by client.

Test condition: See below items marked “●”,

●	The lowest point of enclosures with a height less than 850 mm is located 1000 mm below the surface of the water
	The highest point of enclosures with a height equal to or greater than 850 mm is located 150 mm below the surface of the water

Test duration: 30 minutes

Test Device: As shown in photo 3, 4

- Examine the protection against ingress water of specimen(s) after this test.

TEST REPORT

Specimen:

Style/ Item No.: TR-AA005141/ No.1

Quantity: Total 1 piece



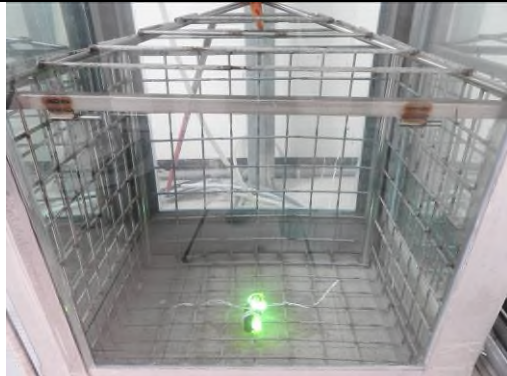
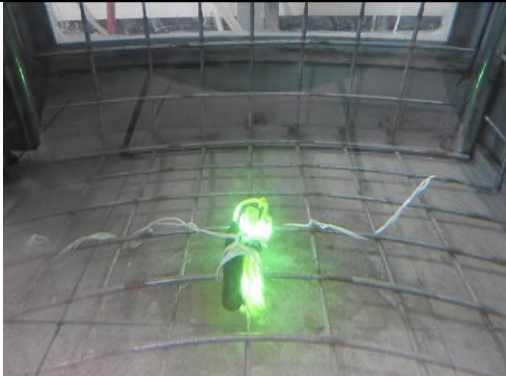


Test Result:

Degree of protection against ingress of water (IPX7)

Test Result		
Check Item		Style/ Item No.
		TR-AA005141/ No.1
1	Does any water enter the enclosure?	No
2	(followed check item 1) If any water has entered, does the water accumulate near the cable end or live parts?	N/A
2.1	(followed check item 2) Does the water be sufficient to interfere with the correct operation of the equipment or impair safety?	N/A
2.2	(followed check item 2.1) Does the water deposit on insulation parts where it could lead to tracking along the creepage distances?	N/A
2.3	(followed check item 2.2) Does the water reach live parts or windings not designed to operate when wet?	N/A
<p>Note 1: N/A means "Not Applicable".</p> <p>Note 2: The check items in this test report for inspecting the degree of protection provided by enclosures are reference to the requirements specified in IEC 60529 Edition 2.2: 2013 and in accordance with the acceptance conditions specified by client.</p>		

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Test Photos:

	
1. Appearance of specimen	2. Appearance of specimen
	
3. Test for protection against water	4. Test for protection against water
	
5. Appearance of interior of specimen after test for protection against water	6. Functional check

— — — The End of Test Report — — —

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