TEST REPORT

For

Zhejiang Luogelan Electrical Co., Ltd

Beibaixiang Industrial Zone, Yueqing City, Wenzhou, Zhejiang,China

Test Model: M25

Report Type: Test Report	**Product Name:** Nylon Cable Glands
Test Engineer:	Jack Zheng
Report Number:	2502Y13067E-SF
Test Date:	2025-09-09 ~ 2025-09-30
Report Date:	2025-09-30
Reviewed By:	Andrew Luo
Test Location:	Room 301, No. 113 Pingkang Road, Dalang Town, Dongguan
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1. Test Project

No.	Test Item
1	UV exposure test

2. General Product Information

2.1 Test Model

Sample No.	Test Model	Product Name	Quantity
2502Y13067E-SF-S01~S02	M25	Nylon Cable Glands	2 pcs

#2.2 Series Models

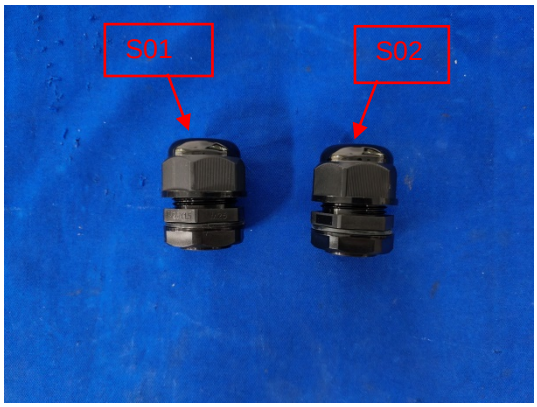
Differences Description			
Test Model	Series Models	Differences Items	Details
M25	M-MG-PG-G(PF)-NPT: M8、M10、M12S、M12SL、M12、M12L、M12A、M12AL、M14、M15、M16S、M16SL、M16SA、M16、M16L、M16A、M16AL、M18、M18L、M18A、M18AL、M20S、M20SA、M20SL、M20、M20L、M20A、M20AL、M22、M24、M25S、M25、M25L、M25A、M25AL、M27、M30、M32、M32L、M32A、M32AL、M36、M36A、M40、M40A、M50、M50A、M63、M63A、M72、M75、M75A、M80、M88、M90、M90A、M100 PG7S、PG7SL、PG7、PG7L、PG7A、PG9、PG9L、PG9A、PG11、PG11L、PG11A、PG13.5、PG13.5L、PG13.5A、PG16、PG16L、PG16A、PG19、PG19L、PG21、PG21L、PG21A、PG25、PG25L、PG29、PG29A、PG36、PG36A、PG42、PG42A、PG48、PG48A、PG63 G1/4"、G1/4"A、G3/8"、G3/8"A、G1/2"、G1/2"A、G3/4"、G3/4"A、G1、G1A、G1-1/4"、G1-1/4"A、G1-1/2"、G1-1/2"A、G2"、G2"A NPT1/4"、NPT1/4"A、NPT3/8"、NPT3/8"A、NPT1/2"、NPT1/2"A、NPT3/4"、NPT3/4"A、NPT1" 、NPT1" A、NPT1-1/4"、NPT1-1/4"A、NPT1-1/2"、NPT1-1/2"A、NPT2"、NPT2"A	Model Name，Specifications and Dimensions	All are the same except model name and specifications and dimensions

Note: The series models listed in the above table are provided by the customer. The test results in this report are only valid for the tested models. The customer states that except for the differences listed in the above table, the series models and the tested models use the same materials (brand, color), the same type, the same processing method, the same surface treatment, the same manufacturer, and are made of the same material.

3. Initial Test

Sample No.	Test Item	Initial Test
2502Y13067E-SF-S01~S02	UV exposure test	There is no visible difference in the appearance between sample S01 and sample S02.

4. Sample Photos before the Test

S01~S02


5. Test Equipment

Test Equipment	Instrument I.D	Cal. Date	Due Date
UV-resistant climate chamber	T-08-EE067	2025-07-24	2026-07-23
Hygrothermograph	T-08-QA077	2025-07-24	2026-07-23

6. Environmental Conditions

Temperature: 21˚C~24˚C; Humidity: 50%RH~60%RH

7. Test Standard

According to the ASTM G154-23

8. Test Condition

1). Put the S01 sample in test chamber with fixture, Sample S02 is not tested and is compared with the tested sample S01..

2). The front of samples face the light.

3). A single cycle of 12 hours consists of 8 hours dry 0.89W/ (m2·nm)@340nm at 60 °C, then 4 hours' condensation at 50 °C.

4). The experiment lasted for 500 hours. After cooling at room temperature for 2 hours, examine the differences between S01 and S02.

5). Test complete.

9. Test Result

Sample No.	Test Result
2502Y13067E-SF-S01~S02	After testing, compared with the S02 sample, the appearance of the S01 sample remained unchanged. There was no fading, discoloration or deformation on the surface.

10. Testing Photo

S01

11. Samples Photos after the Test

S01~S02

Directions

1. The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
2. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. The test samples are kept by default for 30 days.
3. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.
5. This report cannot be reproduced except in full, without prior written approval of the Company.
6. The sample looked good when it was received. Sample received time:2025-09-08.
7. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
8. The data results in this report are used for purposes such as learning, research, internal quality control, product development, scientific research, and teaching.

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