



## Test Report

No.: XMHL2310006489SD

Date: Oct 24, 2023

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SHANGHAI EASCO ELECTRICAL CO.,LTD.  
N-7 NO.105 LANE 1159 KANQIAO EAST ROAD PUDONG NEW DISTRICT SHANGHAI,China

Sample Description : Nylon flame retardant hose

Item No. : ADtype

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.

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SGS Ref No. : SDFS2310006006FF

Sample Receiving Date : Oct 09, 2023

Test Performing Date : Oct 09, 2023 to Oct 24, 2023

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

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

### Test Result Summary

Test(s) Requested	Result(s)
Refer to UL 94-2023 Tests for Flammability of Plastic Materials for Parts in Devices and Appliances Clause 8 50W (20 mm) Vertical Burning Test; V-0	Refer to next page(s)

#### Summary:

1. For further details, please refer to the following page(s).

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

Terry Hong  
Authorized Signatory



XMHL2310006489SD  
Verification:  
check.sgschina.com.cn



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**TESTS AND RESULTS**
**Test Conducted:**

Refer to UL 94-2023 Tests for Flammability of Plastic Materials for Parts in Devices and Appliances Clause 8. 50W (20 mm) Vertical Burning Test; V-0

**Conditioning:**

Set 1(Initial): Temperature: (23±2)°C; Relative Humidity:(50±10)% for a minimum of 48 hours;

Set 2(Oven Aging): Temperature: (70±2)°C; Duration:168h, Duration of room temperature cooling time: 5h

**Acceptance Criteria:**

	V-0	V-1	V-2
Afterflame time for each individual specimen $t_1$ and $t_2$	≤10s	≤30s	≤30s
Total afterflame time for any condition set ( $t_1$ plus $t_2$ for the 5 specimens)	≤50s	≤250s	≤250s
Afterflame plus afterglow time for each individual specimen after the second flame application ( $t_2 + t_3$ )	≤30s	≤60s	≤60s
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	No

**Retest Provision:**

If only one specimen from a set of five specimens does not comply with the requirements, another set of five specimens is to be tested. In the case of the total number of seconds of flaming, an additional set of five specimens is to be tested if the totals are in the range of 51– 55 seconds for V-0 and 251 – 255 seconds for V-1 and V-2. All specimens from this second set shall comply with the appropriate requirements in order for the material in that thickness to be classified V-0, V-1, or V-2.

**Test Results:**

No.	$t_1$ (sec.)	$t_2$ (sec.)	$t_3$ (sec.)	SUM ( $t_2 + t_3$ )	Whether the afterflame or afterglow of any specimen up to the holding clamp	Whether the cotton indicator ignited by flaming particles or drops
Set1	1	53	0	0	No	No
	2	64	0	0	No	No
	3	50	0	0	No	No
	4	56	0	0	No	No
	5	59	0	0	No	No
	SUM	282	0	$\sum t_1 + \sum t_2: 282$	---	---
Set2	1	49	0	0	No	No
	2	53	0	0	No	No
	3	60	0	0	No	No
	4	51	0	0	No	No
	5	59	0	0	No	No
	SUM	272	0	$\sum t_1 + \sum t_2: 272$	---	---

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## Test Report

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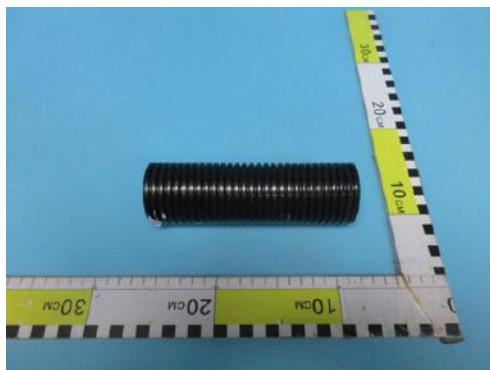
Date: Oct 24, 2023

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Remark: This test was subcontracted to Shunde Branch, SGS-CSTC Co., Ltd.

### SAMPLE INFORMATION AND PICTURES

Specified size of sample: 125  $\pm$ 5mm $\times$ 13.0  $\pm$ 0.5mm, thickness $\leq$ 13mm  
Actual size of sample: 125mm $\times$ 13.0mm $\times$ about 3.5mm



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



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