

## TEST REPORT

No. : GZMR231103195901

Date : Nov 07, 2023

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CUSTOMER NAME: Anhui Wanjiang New Materials Co., Ltd.  
ADDRESS: Bowu Avenue north of 105 National Highway 100 meters east road,  
Bozhou Wuhu modern Industrial Park, Bozhou City, Anhui province.

Sample Name : Heat shrink tube

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. : SHIN2310008030PL01

Date of Receipt : Nov 01, 2023

Testing Start Date : Nov 01, 2023

Testing End Date : Nov 07, 2023

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 Co., Ltd. Guangzhou Branch

Kelly Lee  
Authorized signatory



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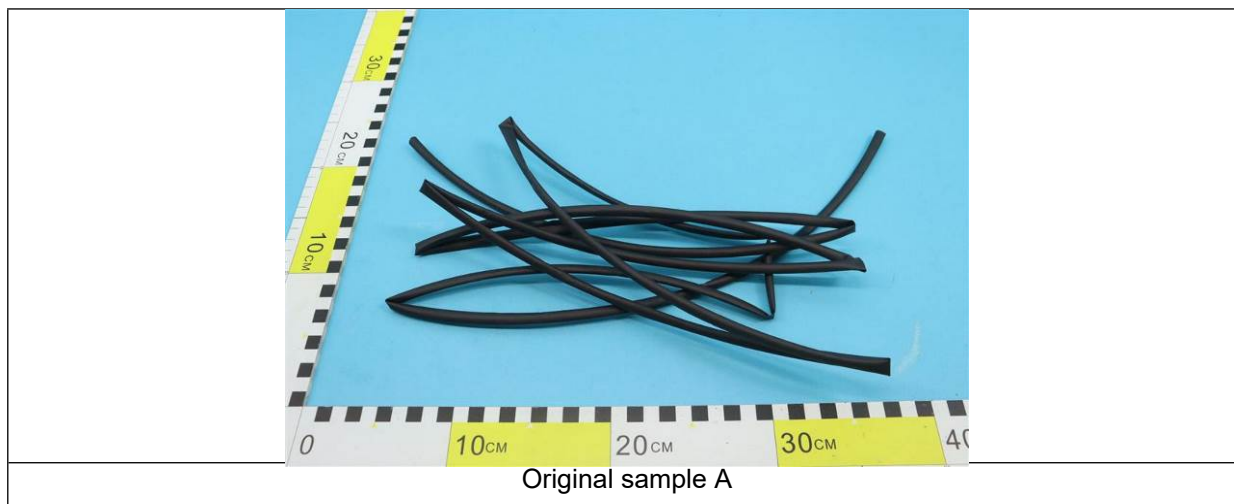
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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Flame Test	UL 224-2021 Section 5.12	VW-1	/

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

### Original Sample Photo:



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Test Item: VW-1 Flame

Sample Description: Tube

Test Method: UL 224-2021 Section 5.12

Test Condition:

Heat shrinkage condition: 200℃, 3min

Specimen length: 660 mm

Metal wire diameter: 0.74mm

Test Result:

Specimen	1					2					3				
Number of Flame application	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Flame time or glow time after each application (s)	23.6	0	0	0	0	14.0	1.3	0	0	0	23.0	0	0	0	0
Whether or not any specimen continues to flame or glow longer than 60 seconds after any application	No					No					No				
Percentage of indicator flag burned away or charred (%)	0					0					0				



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Whether or not any specimen emits flaming or glowing particles or flaming drops at any time that ignite the cotton	No	No	No
Judgment	a) Can't convey flame along its length.(See note 1) b) Can't convey flame to combustible materials in its vicinity.(See note 2 and 3)		

Requirements of VW-1 classification:

1. Shall not flame or glow longer than 60 seconds following any of the five 15 seconds applications of the test flame, and
2. Shall not ignite combustible materials in its vicinity or damage more than 25 percent of the indicator flag during, between, or after the five applications of the test flame.

Classification: VW-1

Note:

- 1.Where any specimen shows more than 25 percent of the indicator flag burned away or charred (soot that can be removed with a cloth or the fingers and brown scorching shall be ignored) after any of the five applications of flame, the tubing shall be considered capable of conveying flame along its length.
- 2.Where any specimen emits flaming or glowing particles or flaming drops at any time that ignite the cotton on the burner, wedge, or floor of enclosure (flameless charring of the cotton shall be ignored), the tubing shall be considered capable of conveying flame to combustible materials in its vicinity.
3. Where any specimen continues to flame or glow longer than 60 seconds after any application of the gas flame, the tubing shall be considered capable of conveying flame to combustible materials in its vicinity.
4. Test specimens were cut from the sample.



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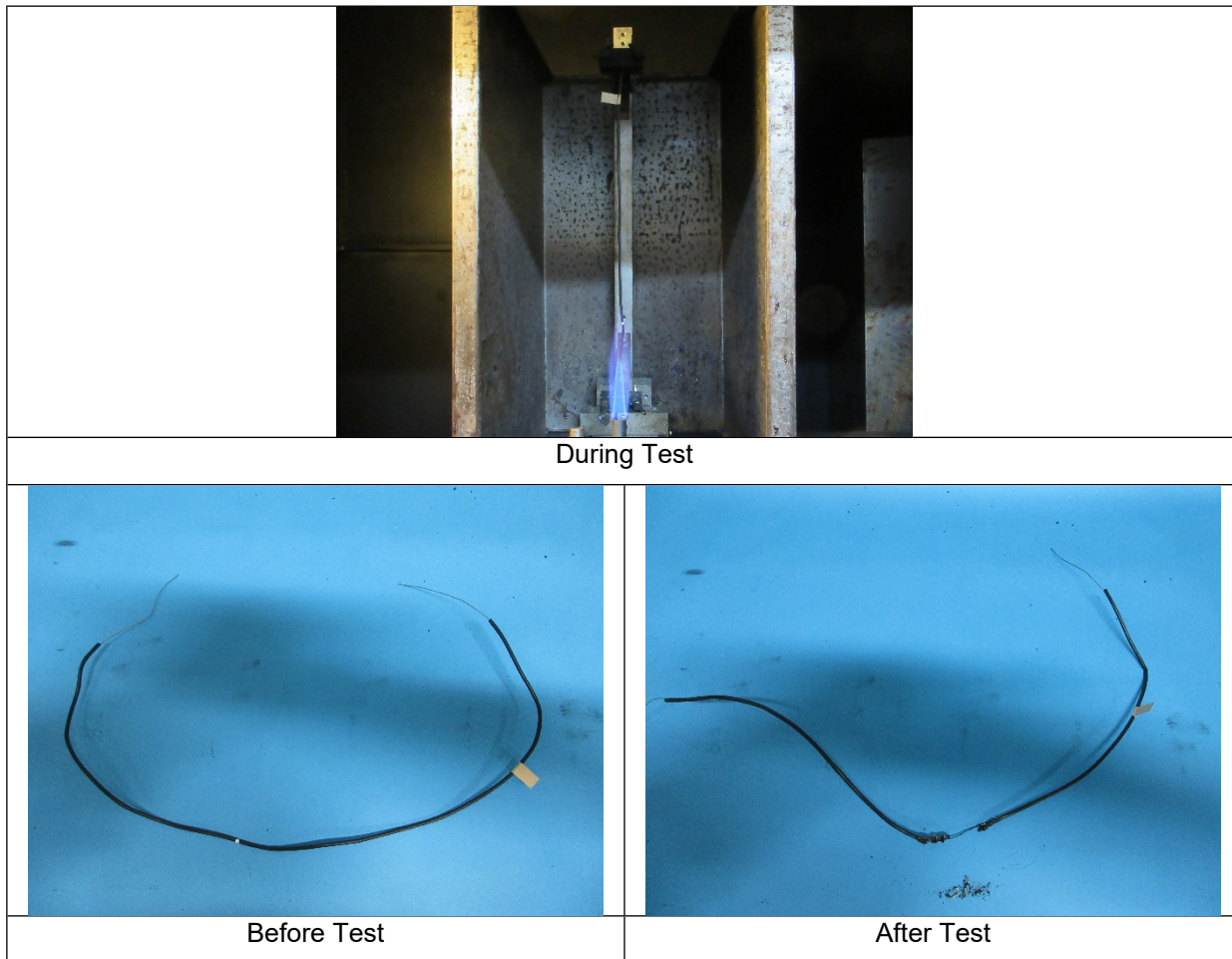
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Test Photo:



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## Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Horizontal/Vertical Flame Chamber for Wires,Cables and Flexible Cords	ZLT-HV4	GZMR-PL-E286	2023-08-11	2024-08-10

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



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