



**Test Report**

**Report No.:** AJFS2405005700FF **Date:** MAY 30, 2024 **Page 1 of 5**

**HANGZHOU EXTREME TENT TECHNOLOGY CO., LTD**

337 XUAN SHAN XIA CUN, HE SHANG TOWN, XIAO SHAN DISTRICT, HANGZHOU CHINA

**Sample Description:** 32mm PVC COATED TARPAULIN WHITE

**SGS Ref No.:** AJHL2405002081SD

**Style/Item No.:** /

**Client Reference Information:** 6

The above sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

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**Test Requested:**

CPAI-84 A specification for flame-resistant materials used in camping tentage 2021 Revision.

**Test Results:** -- See attached sheet --

**Test Period:**

Sample Receiving Date : MAY 22, 2024

Test Performing Date : MAY 22, 2024 TO MAY 29, 2024

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo Li  
Approved Signatory

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**Sample Information**

Tent type	Test method	Requirement
[ <input checked="" type="checkbox"/> ] which have an area of greater than 200 square feet in area or [ <input checked="" type="checkbox"/> ] intended principally for commercial or industrial use	CPAI-84	Performance requirement: CPAI-84 Labeling requirement: CPAI-84
[ <input type="checkbox"/> ] intended principally for recreational use and having an area of equal to or less than 200 square feet in area	ASTM F3431	Performance requirement: ASTM F3431 Labeling requirement: CPAI-84

Material Type (CPAI-84)	[ <input checked="" type="checkbox"/> ] Wall and top material [ <input type="checkbox"/> ] Flooring material
Material Type (ASTM F3431)	[ <input type="checkbox"/> ] Wall material and top material [ <input type="checkbox"/> ] Flooring material (That extend a distance of 305 mm or more up the side of a tent; These do not come into contact with the ground during use of the tent, such as flooring materials of suspended tents or tent cots) [ <input type="checkbox"/> ] Flooring material (All other flooring materials, including flooring materials that extend up the side of a tent a distance of up to but not including 305 mm) [ <input type="checkbox"/> ] Not clarify

**Conclusion:** [  ] Pass, [  ] Fail.

**Statement:** This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.



**Test Conducted**

The test was conducted in accordance with CPAI-84 A specification for flame-resistant materials used in camping tentage 2021 Revision, section 6 Flammability test method, wall and top material.

**Test Specimen**

Description	PVC coated tarpaulin
Color	White
Fabric weight	434 g/m <sup>2</sup>
Size of specimen	300 mm x 70 mm

**Conditioning:**

[√] 72 Hours water leaching;

[√] Accelerated Weathering: Clause 4.2.2.3, UV Fluorescent and Condensation Method, 54 hours accelerated weathering.

Prior to testing, the specimens were conditioned at a temperature of (21±1)°C and a relative humidity of (65±2)% until the moisture equilibrium.

**Test Result**

Specimen No. (As received)	Damaged length (mm)		After-flame (s)		Flaming broken or flaming debris (Yes/No)	
	Lengthwise	Widthwise	Lengthwise	Widthwise	Lengthwise	Widthwise
1	121	116	2.7	3.1	No	No
2	129	125	0	1.2	No	No
3	115	118	0	0	No	No
4	126	134	3.2	1.4	No	No
Average	123		1.5			

Specimen No. (After leaching)	Damaged length (mm)		After-flame (s)		Flaming broken or flaming debris (Yes/No)	
	Lengthwise	Widthwise	Lengthwise	Widthwise	Lengthwise	Widthwise
1	127	131	0	3.1	No	No
2	119	135	2.9	1.0	No	No
3	122	126	0	2.4	No	No
4	134	122	3.3	0	No	No
Average	127		1.6			



Specimen No. (After weathering)	Damaged length (mm)		After-flame (s)		Flaming broken or flaming debris (Yes/No)	
	Lengthwise	Widthwise	Lengthwise	Widthwise	Lengthwise	Widthwise
1	145	137	3.4	3.4	No	No
2	152	141	3.1	1.7	No	No
3	140	144	2.7	0.5	No	No
4	151	139	1.5	1.1	No	No
Average	144		2.2			

**Performance Requirement:**

- No specimen from a sample unit of wall and top material shall have an after-flame time of more than 4s; the average after-flame time for all specimens in a sample unit shall not exceed 2s;
- Portions or residues that break or drip from the test specimens shall not continue to flame after they reach the floor of the test cabinet;
- These requirements includes:  
Specimens that were unleached and unweathered;  
Specimens that were leached but unweathered;  
Specimens that were weathered but unleached;
- Damaged length, using the procedure described in Sections 6.4.5 and 6.4.6, the maximum permissible damaged for the sample unit and individual specimens shall not exceed the values shown as follows Table.

Roll Material Weight (g/m <sup>2</sup> )	Maximum Average Damaged Length for Sample Unit (mm)	Maximum Damaged Length for an Individual Specimen (mm)
[ <input checked="" type="checkbox"/> ] More than 340	115	255
[ <input type="checkbox"/> ] More than 270 but not more than 340	140	255
[ <input type="checkbox"/> ] More than 200 but not more than 270	165	255
[ <input type="checkbox"/> ] More than 135 but not more than 200	190	255
[ <input type="checkbox"/> ] More than 50 but not more than 135 *	215*	255*
[ <input type="checkbox"/> ] 50 ** or less	230*	255*

**\* ALTERNATE PROCEDURE:**

Any wall or top material with a mass of less than 100 g/m<sup>2</sup> will be considered acceptable if the mass loss during the test is no greater than 5 percent of the original test specimen mass, regardless of the damaged length measurement.



Photo Appendix:



SGS authenticate the photo on original report only

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



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