

VLITEX GMBH
REHLEITE 2, 95445 BAYREUTH,GERMANY

Sample Description : FIRE BLANKET PREMIUM / PREMIUM 2.0
Color : GREY
Composition : HT GLASS, POLYMERE COATING
Thickness : 0.4mm
Manufacturer : VLITEX GMBH

The above sample(s) data and information 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.

Sample Receiving Date : Jun 11,2025
Testing Period : Jun 11,2025 to Jun 16,2025
Test Required : NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.
Test result(s) : See attached sheet
Conclusion : PASS

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

Ada

Ada Liu
Approved signatory



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1-2/F, Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300
中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300

t (86-757) 22805888 www.sgs.com.cn
t (86-757) 22805888 sgs.china@sgs.com

I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

II. General Information

Materials	Textile
Area density	572 g/m ²
Products configuration	Single Layer
Size of sample *	(150 ± 5) mm × (400 ± 5) mm
Refurbishing or Weathering Conditions	NO, as per client's requirement
Conditioning	Dry at (105±3)°C, Duration: 30min

* With the length parallel to the lengthwise direction of the material.

III. Test Results

Specimen No.	Mass before test (g)	Mass after test (g)	Mass loss (%)	After flame time (s)	Burning time on floor (s)
1	34.5	34.2	0.9	0.0	0.0
2	34.7	34.5	0.6	0.0	0.0
3	35.1	35.0	0.3	0.0	0.0
4	35.3	35.0	0.8	0.0	0.0
5	34.7	34.2	1.4	0.0	0.0
6	34.8	34.6	0.6	0.0	0.0
7	34.7	34.5	0.6	0.0	0.0
8	34.4	34.1	0.9	0.0	0.0
9	35.4	35.0	1.1	0.0	0.0
10	35.0	34.7	0.9	0.0	0.0
Average	--	--	0.8	0.0	0.0
SD	--	--	0.3	--	--
3SD	--	--	0.9	--	--
AVG +/-3SD	--	--	1.7/-0.1	--	--

Remark: SD – Standards deviation

IV. Conclusion

The tested sample **passes** Test method 1 of NFPA 701:2023.

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中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300

t (86-757) 22805888

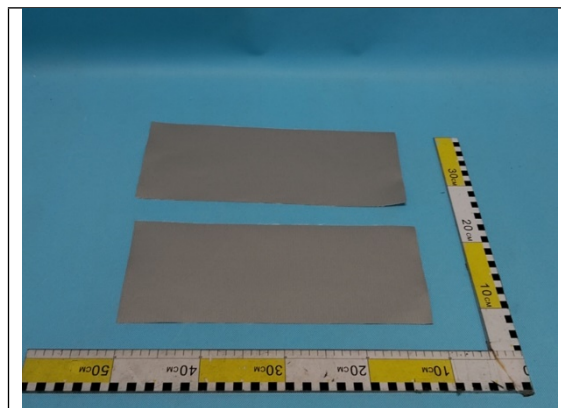
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Criteria for test method 1 (Chapter 10):

1. Fragments or residues of specimens that fall to the floor of the test chamber shall not continue flaming for more than an average of 2 seconds per specimen for the sample of 10 specimens.
2. The average weight loss of the 10 specimens in a sample shall be 40 percent or less.
3. No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
4. When a retest is required, no individual specimen's percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.
5. When a sample does not demonstrate passing performance in accordance with all of the conditions indicated above, the material shall be recorded as having failed Test Method 1.

Photo Appendix:



End of Report



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