



中国认可
国际互认
检测
TESTING
CNAS L4743

Test Report

Report No.: AJFS2406006362FF

Date: JUN.13, 2024

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Ultraflex Systems Inc

1578 Sussex Turnpike Bldg 4, Randolph NJ 07869

Sample Description: VorTex Stretch Eclipse D250

SGS Ref No.: TJIN2406000313CM01

Style / Item No.: /

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.

Test Requested:

NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

Test Results: -- See attached sheet --

Conclusion: The tested sample "as received" **passes** the test method 1 of NFPA 701:2023.

Test Period:

Sample Receiving Date : JUN.05, 2024

Test Performing Date : JUN.05, 2024 TO JUN.12, 2024

Signed for and on behalf of

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

Echo Li

Approved Signatory

Scan to see the report



AJFS2406006362FF

Verification:

check.sgs.com.cn



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Test Conducted

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

Test Specimen

Description	Fabric
Color	Black / White
Area density	240 g/m ²
Product configuration	[<input checked="" type="checkbox"/>] Single Layer, [] Multi-Layer
Size of specimen	400 mm × 150 mm
Exposed surface	Black surface

Conditioning

Cleaning procedure: none

Prior to testing, the specimens were dried in oven at 105°C±3°C for 30 min.

Test Result

Specimen No.	Mass before test (g)	Mass after test (g)	Mass loss (%)	After flame time (s)	Burn time of fragments or residues (s)
1	13.64	11.40	16.42	0	0.0
2	14.28	12.13	15.06	0	1.2
3	13.86	11.17	19.41	0	0.0
4	13.68	11.56	15.50	0	0.0
5	13.92	11.73	15.73	0	0.0
6	14.17	12.03	15.10	0	1.4
7	14.05	11.87	15.52	0	1.5
8	14.23	12.12	14.83	0	1.1
9	13.87	11.89	14.28	0	0.0
10	13.96	11.90	14.76	0	0.0
Average	13.97	11.78	15.66	0	0.5

SD =1.44 3SD =4.32 Mean + 3SD =19.98

SD – Standards deviation



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Observations:

Vigorous burning (Yes/No)	Molten droplets or debris (Yes/No)	Odor smoke (Yes/No)
No	Yes	Yes

Performance 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 to burn 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.

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.

Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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