

Received:06/04/2020 Completed:06/09/2020 Letter: T JR P.O.#: Test Report #: 3-38890-0-

Client's Identification Style: VorTex Blizzard T320. Composition: Polyester. Product End Use: Banners/Signage.

Tested For: **Kylie Schleicher** Key Test: NFPA 701-2019 TM#1 295
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4 Tel: 1-(973)-627-8608 Ext:
Randolph, NJ 07869 Fax: 1-()- -

LE:2019 NE:2019 V:01/19 NTR 04/16 PC: 0.5H DL/rb

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
- 2019 Edition - Test Method #1

PRODUCT CONFIGURATION: ☒ Single Layer; ☐ Multi Layer

RESULTS REPORTED: ☒ Initially; ☐ After 3 dry cleanings; ☐ After 5 launderings @ 160°F

RESULTS:

Specimen #	Afterflame* (seconds)	Flamming Drip/Debris (seconds)	Weight Loss (percent)
1	0.0	0.0	26.6
2	0.0	4.7	41.5
3	0.0	1.6	39.4
4	0.0	0.0	16.0
5	3.9	0.0	22.3
6	0.0	0.0	25.5
7	0.0	4.0	33.7
8	0.0	2.0	28.7
9	0.0	0.0	35.1
10	0.0	0.0	35.5
Mean:		1.2	Mean: 30.4

STATISTICAL VALUES: SD = 8.0 3 SD = 24.0 Mean + 3 SD = 54.4

ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS North America): 310 g/m²

PRECONDITIONING: ☒ 0.5 hr @ 220°F (Standard)
☐ 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: g/m² + 28.35 x .835 = oz/yd²

NOTE:

1. All specimens prepared in the length direction.
2. See addendum for individual specimen weights.

Received:06/04/2020	Completed:06/09/2020	Letter: T	JR	P.O.#:	Test Report #:	3-38890-0-
Client's Identification	Style: VorTex Blizzard T320. Compositon: Polyester. Product End Use: Banners/Signage.					
Tested For: Kylie Schleicher		Key Test: NFPA 701-2019 TM#1				295
Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869		Tel: 1-(973)-627-8608		Ext:		
		Fax: 1-()- -				

REMARKS:

- [x] Flames did not project above the top of the specimen.
- [] Flames projected above the top of the specimen; Specimen #'s _____
- [x] Note: Client requested that the restraining clamp binder clip be eliminated to replicate the provisions of the 1996 Test Method #1 version of this document.

FAILURE CRITERIA: As cited by NFPA 701 - 2019 Edition Test Method #1

Afterflame	Flaming Drip/Debris (Mean)	Weight Loss (percent)	
		Mean	Individual Specimen
*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD

CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2015 Edition Test Method #1, the item tested:

- [x] Passes; [] Fails; [] Requires testing of 10 additional specimens
i.e. only one individual specimen failure was noted

* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.



AUTHORIZED SIGNATURE
SGS North America
/ab/jp

Phyllis Pettit

JUN 19 2020



GOVMARK

Client Name : Ultraflex Systems Inc.
Addendum to Test Report #: 3-38890-0-T
Test : 701 TM1

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	18.80	13.80	26.6
2	18.80	11.00	41.5
3	18.80	11.40	39.4
4	18.80	15.80	16.0
5	18.80	14.60	22.3
6	18.80	14.00	25.5
7	19.00	12.60	33.7
8	18.80	13.40	28.7
9	18.80	12.20	35.1
10	18.60	12.00	35.5

Mean Percent Weight Loss : 30.4
Standard Deviation : 8.0
3 x Standard Deviation : 24.0
Mean + 3 x Standard Deviation : 54.4