



GOVMARK

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Page 1

Received: 10/14/2019 Completed: 10/16/2019 Letter: S JR P.O.#: Test Report #: 3-35015-0-

Client's Identification Style: Vortex Soft Stretch D221. Composition: Polyester. Product End Use: Banners / Signage.

Tested For: **Kylie Schleicher** Key Test: NFPA 701-2019 TM#1 275  
Ultraflex Systems Inc.  
1578 Sussex Tpk., Bldg. #4  
Randolph, NJ 07869  
Tel: 1-(973)-627-8608 Ext:  
Fax: 1-( )- -

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

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	26.2
2	0	0	20.0
3	0	0	24.6
4	0	0	24.6
5	0	0	27.3
6	0	0	27.3
7	0	0	25.8
8	0	0	24.6
9	0	0	23.1
10	0	0	21.2
Mean:		0	Mean: 24.5

STATISTICAL VALUES: SD = 2.4 3 SD = 7.3 Mean + 3 SD = 31.7

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS Govmark): 215 g/m<sup>2</sup>

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

CONVERSION FACTOR: g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

## NOTE:

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

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Client's Identification	Style: Vortex Soft Stretch D221. Composition: Polyester. Product End Use: Banners / Signage.					
Tested For: <b>Kylie Schleicher</b> Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869				Key Test: NFPA 701-2019 TM#1		275
				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
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*	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 GOVMARK  
/ab

/pm

*Bobby Brown*

OCT 18 2019

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