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Received: 03/01/2018	Completed: 03/08/2018	Letter: M	BG	P.O.#:	Test Report #:	3-24812-0-
Client's Identification	Style: VorTex Grand Display D223. Composition: Polyester. Product End Use: Banners					
Tested For: <b>Kylie Schleicher</b> Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869				Key Test: CA 1237 Sm		225
				Tel: 1-(973)-627-8608		Ext:
				Fax: 1-( )- -		

LE: 1993; V 09/15 NTR 04/16 PC: 1H /jd SM/mg

TEST PERFORMED: California Fire Marshal Title 19: Section 1237 (Proposed Revision 8/9/93) Fire Resistance; Small Scale Test - INTERIOR MATERIALS QUALIFICATION

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

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
	-----	-----	-----	-----
Warp:	1	0	0	4.7
	2	0	0	4.5
	3	0	0	5.2
	4	0	0	4.3
	5	0	0	4.5
		-----		
	Avg:	0		
Fill:	6	0	0	3.9
	7	0	0	5.0
	8	0	0	3.7
	9	0	0	4.3
	10	0	0	3.3
		-----		
	Avg:	0		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 6.4 oz/yd<sup>2</sup>

ACCEPTANCE CRITERIA:

Afterflame: 4.0 seconds maximum average for warp or fill  
Afterglow: (see Note #2 below)  
Char Length: 6.0 inches maximum for any individual specimen

NOTES:

1. An asterisk (\*) next to any char length measurement indicates that a part of the char length is melt away due to heat from the flame source and not from propagating flame. Therefore, the sample submitted meets the requirements of Title 19 - California Code of Regulations, Section 1237 and 1237.1 for materials weighing less than 4 oz/yd<sup>2</sup>.
2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.



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CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

[x] Complies; [ ] Does not comply


REMARKS: None.

NOTE: The number of test specimens and Acceptance Criteria are based on a proposed revision issued and implemented by the California State Fire Marshal in August 1993. In substance, the following has occurred:

1. A maximum afterflame of 4 seconds is permitted as opposed to 1 second.
2. It was clarified that the char length maximum of 6 inches applies to any individual specimen and is not an average requirement.
3. Ten specimens are tested in lieu of 6 specimens.

This report issues the conclusion to Section 1237 based on the California State Fire Marshal's continued endorsement of the proposed revision.

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

  
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AUTHORIZED SIGNATURE  
GOVMARK  
/ac /pm

Phyllis Pettit

MAR 14 2018

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