



Received: 09/21/2011 Completed: 09/26/2011 Letter: O rb P.O.#: Test Report #: 2-89313-0-

Client's Identification Style: DSS 12oz Blockout. Content: Polyester. Width: N/A. Weight: 12.5 oz/yd². End Use: DSS 12oz ia a Blockout Banner Inked For Double Sided Printing & Indoor/Outdoor Applications

Tested For: Jaime L. Giannantonio **Key Test: NFPA 701-2010 TM#1** 190
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4 **Tel: 1-(973)-664-6724** **Ext:**
Randolph, NJ 07869 **Fax: 1-(973)-627-8506**

PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2010 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)	Flaming Drip (seconds)	Weight Loss (percent)	Flame Projects Above Top Of Specimen (yes/no)
1	0	0	2.1	No
2	0	0	1.1	No
3	0	0	0.7	No
4	0	0	1.9	No
5	0	0	1.8	No
6	0	0	1.7	No
7	0	0	1.8	No
8	0	0	1.8	No
9	0	0	0.7	No
10	0	0	1.9	No
	Mean: 0	Mean: 1.5		

STATISTICAL VALUES: SD = 0.5 3 SD = 1.5 Mean + 3 SD = 3.1

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 487 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.

REMARKS: Client requested that the restraining clamp binder clips be eliminated to replicate the provisions of the 1996 Test Method #1 version of this document.



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Tested For: Jaime L. Giannantonio				Key Test: NFPA 701-2010 TM#1		190
Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869				Tel: 1-(973)-664-6724 Fax: 1-(973)-627-8506		Ext:

FAILURE CRITERIA: As cited by NFPA 701 - 2010 Edition Test Method #1 (see Comments on page 3)

Afterflame	Flaming Drip (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 - 2010 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

REVISED FAILURE CRITERIA (see Comments on page 3):

Afterflame	Flaming Drip (Mean)	Weight Loss		Flame Height (Individual Specimen)
		Mean	Ind. Spec.	
*	Exceeds 2 seconds	Exceeds 40%	Exceeds 50%	Projects above top of specimen

CONCLUSION: Based on the Results on page 1 and the above Revised Failure Criteria, 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 (15 seconds or more) 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 by NFPA 701 - 2010 Edition Test Method #1 with additional recording of flame height.

OCT 07 2011

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. / ec

MS. PHYLLIS PETTIT



Received: 09/21/2011		Completed: 09/26/2011		Letter: O	rb	P.O.#:	Test Report #:	2-89313-0-
Client's Identification	Style: DSS 12oz Blockout. Content: Polyester. Width: N/A. Weight: 12.5 oz/yd ² . End Use: DSS 12oz ia a Blockout Banner Inked For Double Sided Printing & Indoor/Outdoor Applications							
Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869				Key Test: NFPA 701-2010 TM#1				190
				Tel: 1-(973)-664-6724		Ext:		
				Fax: 1-(973)-627-8506				

COMMENTS:

The Govmark Org., Inc. has determined to establish failure criteria over and above the criteria spelled out in the NFPA document. The rationale for the "revised" criteria is as follows:

Weight Loss - Individual Specimen Failure:

The NFPA 701 document, as written, provides for a statistical calculation which provides for retest and a potential failure if any individual value exceeds the mean by three standard deviations. Govmark is of the opinion that this cannot mathematically occur, i.e. no individual result is mathematically capable of exceeding the mean plus three standard deviations. Therefore, Govmark has established 50% as the absolute number for individual specimen criteria.

Individual Specimen - Flame Projects Above Top of Specimen:

When NFPA introduced the weight loss criteria, this was hailed as a more objective measure of product performance over previous editions, which relied on visual measurements of fire degradation. Unforeseen were those products which are composed of finishes over substantially non burning substrates. Intense flaming of the finishes occurs without substantially reducing the total weight of the specimen that was tested. It is believed that similar behavior of the intensely burning surface finishes on products made from such material could result in the ignition of nearby combustibles.

(Page 3 of 3)

Client Name : Ultraflex
Addendum to Test Report # : 2-89313-0-O
Test : NFPA 701

Specimen #	Weight Before Test (g)	Weight After Test (g)	Percent Weight Loss
1	28.90	28.30	2.1
2	28.30	28.00	1.1
3	28.00	27.80	0.7
4	26.50	26.00	1.9
5	27.10	26.60	1.8
6	29.20	28.70	1.7
7	28.30	27.80	1.8
8	28.50	28.00	1.8
9	28.10	27.90	0.7
10	26.70	26.20	1.9

Mean Percent Weight Loss : 1.5
Standard Deviation : 0.5
3 x Standard Deviation : 1.5
Mean + 3 x Standard Deviation : 3.1



Received: 04/06/2009 Completed: 04/08/2009 Letter: D rb P.O.#: Test Report #: 2-78072-0-

Client's Identification Descor-Decorative Fabric For Indoor Walls and Ceilings.

Tested For: Jaime L. Giannantonio Key Test: CA 1237 Sm 105
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4
Randolph, NJ 07869
Tel: 1-(973)-627-8608 Ext: 124
Fax: 1-(973)-627-8506

PC: 1H /jd

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

RESULTS REPORTED: [x] Initially
[] After 72 hours water leaching
[] After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0	0	5.6
	2	0	0	4.3
	3	0	0	4.5
	4	0	0	4.4
	5	0	0	4.4
	Avg:	0		
Fill:	6	0	0	4.3
	7	0	0	3.5
	8	0	0	3.2
	9	0	0	4.0
	10	0	0	3.6
	Avg:	0		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 7.4 oz/yd²

ACCEPTANCE CRITERIA:

Afterflame: 4.0 seconds maximum avg for length or width
Afterglow: (see Note #2 below)
Char Length: 6.0" maximum for any individual specimen

Notes:

1. An asterisk (*) next to any char length measurements 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/yd².
2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.



Received: 04/06/2009	Completed: 04/08/2009	Letter: D	rb	P.O.#:	Test Report #:	2-78072-0-
Client's Identification	Descor-Decorative Fabric For Indoor Walls and Ceilings.					
Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869				Key Test: CA 1237 Sm		105
				Tel: 1-(973)-627-8608		Ext: 124
				Fax: 1-(973)-627-8506		

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

☒ Complies; ☐ Does not comply

REMARKS: None.

NOTE: In August 1993 the State Fire Marshal issued a proposed revision, which permitted a maximum average afterflame of 4.0 seconds. This proposed revision was honored by the subsequent State Fire Marshal until approximately February 2004, at which time the State Fire Marshal's office reverted to the unrevised rule of 2.0 seconds maximum average for exterior fabric.

In a conversation with the latest California State Fire Marshal on August 9, 2007, it was learned that the proposed 1993 revision is now back in effect. In addition to allowing 4 seconds Afterflame rather than 2 seconds, the proposed revision provides for testing of 10 specimens, rather than 6 specimens.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by California Fire Marshal Title 19: Section 1237 (Proposed Revision 8/9/93).

Heather E. Robertson

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. /mg

MS. HEATHER ROBERTSON
MAY 01 2009

(Page 2 of 2)

Received: 04/06/2009	Completed: 04/16/2009	Letter: D1	rb	P.O.#:	Test Report #: 2-78072-1-
Client's Identification	Descor-Decorative Fabric For Indoor Walls and Ceilings.				
Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869			Key Test: CA 1237 Sm WL Tel: 1-(973)-627-8608 Fax: 1-(973)-627-8506 Ext: 124		

PC: 1H /jd

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

RESULTS REPORTED: [] Initially
[x] After 72 hours water leaching
[] After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0	0	5.0
	2	0	0	4.8
	3	0	0	4.8
	4	0	0	4.4
	5	0	0	3.7
	Avg:	0		
Fill:	6	0	0	2.4
	7	0	0	3.8
	8	0	0	3.7
	9	0	0	4.1
	10	0	0	3.6
	Avg:	0		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 7.4 oz/yd²

ACCEPTANCE CRITERIA:

Afterflame: 4.0 seconds maximum avg for length or width
Afterglow: (see Note #2 below)
Char Length: 6.0" maximum for any individual specimen

Notes:

1. An asterisk (*) next to any char length measurements 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/yd².
2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.



Received: 04/06/2009	Completed: 04/16/2009	Letter: D1	rb	P.O.#:	Test Report #: 2-78072-1-
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Client's Identification	Descor-Decorative Fabric For Indoor Walls and Ceilings.
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Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869	Key Test: CA 1237 Sm WL 105 Tel: 1-(973)-627-8608 Ext: 124 Fax: 1-(973)-627-8506
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CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

☒ Complies; ☐ Does not comply

REMARKS: None.

NOTE: In August 1993 the State Fire Marshal issued a proposed revision, which permitted a maximum average afterflame of 4.0 seconds. This proposed revision was honored by the subsequent State Fire Marshal until approximately February 2004, at which time the State Fire Marshal's office reverted to the unrevised rule of 2.0 seconds maximum average for exterior fabric.

In a conversation with the latest California State Fire Marshal on August 9, 2007, it was learned that the proposed 1993 revision is now back in effect. In addition to allowing 4 seconds Afterflame rather than 2 seconds, the proposed revision provides for testing of 10 specimens, rather than 6 specimens.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by California Fire Marshal Title 19: Section 1237 (Proposed Revision 8/9/93).

Heather E. Robertson

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC.

/jb/mq

MS. HEATHER ROBERTSON

MAY 01 2009

(Page 2 of 2)

Received: 04/06/2009 Completed: 04/27/2009 Letter: D2 rb P.O.#: Test Report #: 2-78072-2-

Client's Identification Descor-Decorative Fabric For Indoor Walls and Ceilings.

Tested For: Jaime L. Giannantonio

Key Test: CA 1237 Sm AW

105

Ultraflex Systems Inc.

1578 Sussex Tpk., Bldg. #4

Randolph, NJ 07869

Tel: 1-(973)-627-8608

Ext: 124

Fax: 1-(973)-627-8506

PC: 1H /jd

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

RESULTS REPORTED: [] Initially
[] After 72 hours water leaching
[x] After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0	0	4.2
	2	0	0	3.5
	3	0	0	3.9
	4	0	0	3.9
	5	0	0	4.6
	Avg:	0		
Fill:	6	0	0	4.1
	7	0	0	3.6
	8	0	0	3.3
	9	0	0	4.4
	10	0	0	4.3
	Avg:	0		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 7.4 oz/yd²

ACCEPTANCE CRITERIA:

Afterflame: 4.0 seconds maximum avg for length or width
Afterglow: (see Note #2 below)
Char Length: 6.0" maximum for any individual specimen

Notes:

1. An asterisk (*) next to any char length measurements 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/yd².
2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.



Received: 04/06/2009	Completed: 04/27/2009	Letter: D2	rb	P.O.#:	Test Report #:	2-78072-2-
Client's Identification	Descor-Decorative Fabric For Indoor Walls and Ceilings.					
Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869			Key Test: CA 1237 Sm AW			105
			Tel: 1-(973)-627-8608		Ext: 124	
			Fax: 1-(973)-627-8506			

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

☒ Complies; ☐ Does not comply

REMARKS: None.

NOTE: In August 1993 the State Fire Marshal issued a proposed revision, which permitted a maximum average afterflame of 4.0 seconds. This proposed revision was honored by the subsequent State Fire Marshal until approximately February 2004, at which time the State Fire Marshal's office reverted to the unrevised rule of 2.0 seconds maximum average for exterior fabric.

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CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by California Fire Marshal Title 19: Section 1237 (Proposed Revision 8/9/93).

Heather E. Robertson

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC.

/jb/mg

MS. HEATHER ROBERTSON

MAY 01 2009

(Page 2 of 2)



**CALIFORNIA DEPARTMENT OF FORESTRY and FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL**

REGISTERED FLAME RESISTANT PRODUCT

Product:

DSS 120Z BLOCKOUT

Registration No.

F-93401

Product Marketed By:

**ULTRAFLEX SYSTEMS INC
1578 SUSSEX TURNPIKE, BLDG 4
RANDOLPH, NJ 07869**

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code.

The scope of the approved use of this product is provided in the current edition of the **CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS** published by the California State Fire Marshal.

Deputy State Fire Marshal

Expire: 6/30/2016