The Govmark Organization, Inc.

96-D Allen Boulevard
Farmingdale, New York 11735-5626 USA
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956
e-mail: info@govmark.com

Received: 03/11/2009	Completed: 03/17/2009	Letter: J	rb	P.O.#:	Test Report #:	2-77638-0-

Client's Identification Style: Normandy Lite. Content: 100% Polyester. Weight: 11 oz/yd². End Use: Banner, Sign & Billboard Media for UV, Solvent & Screen Printing.

Tested For: **Jaime L. Giannantonio**
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4
Randolph, NJ 07869

Key Test: NFPA 701-2004 TM#2 Flat 235

Tel: 1-(973)-627-8608 **Ext:** 124
Fax: 1-(973)-627-8506

PC:1H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2004 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION: [x] Single Layer; [ ] Multi Layer

RESULTS REPORTED: [x] Initially
[ ] After 3 dry cleanings
[ ] After 5 launderings @ 160°F
[ ] After 72 hours water leaching
[ ] After 100 hours accelerated weathering

RESULTS:

Length Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0	0	310
2	0	0	280
3	0	0	340
4	0	0	320
5	0	0	330
6	0	0	330
7	0	0	320
8	0	0	280
9	0	0	240
10	0	0	280

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 438 g/m²

FAILURE CRITERIA: For each individual specimen --

Afterflame	Drip Burn	Char Length
Exceeds 2.0 seconds	Exceeds 2.0 seconds	Exceeds 435 mm (17.1")

RETEST PROVISION: Test 5 additional specimens if only 1 specimen fails.

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

[x] Passes; [ ] Fails; [ ] Requires testing of 5 additional specimens

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2004 Edition Test Method #2 Flat Sheet Specimens.

Heather E. Robertson

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. /jb /mg (Page 1 of 2)
MS. HEATHER ROBERTSON MAR 3 1 2009

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Tested For: **Jaime L. Giannantonio**
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Key Test: NFPA 701-2004 TM#2 Flat 235

Tel: 1-(973)-627-8608 **Ext:** 124
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PRECONDITIONING: [x] 1 hr @ 220°F (Standard)
[ ] 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

REMARKS:
None.

CONVERSION FACTORS:
mm ÷ 25.4 = inches
g/m² ÷ 28.35 x .835 = oz/yd²

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Received: 03/11/2009	Completed: 03/12/2009	Letter: J3	rb	P.O.#:	Test Report #:	2-77639-0-

Client's Identification Style: Normandy Lite. Content: 100% Polyester. Weight: 11 oz/yd². End Use: Banner, Sign & Billboard Media for UV, Solvent & Screen Printing.

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

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	0	5.3
	2	0.0	0	4.4
	3	0.0	0	3.5
	4	0.0	0	3.2
	5	0.0	0	3.4
	Avg:	0.0		
Fill:	6	0.0	0	4.3
	7	0.0	0	3.7
	8	1.1	0	3.7
	9	1.0	0	4.2
	10	0.0	0	4.7
	Avg:	0.4		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 12.8 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.

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Client's Identification	Style: Normandy Lite. Content: 100% Polyester. Weight: 11 oz/yd². End Use: Banner, Sign & Billboard Media for UV, Solvent & Screen Printing.					

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:

[x] 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/mg

MS. HEATHER ROBERTSON
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(Page 2 of 2)

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Received: 03/11/2009	Completed: 03/17/2009	Letter: J4	rb	P.O.#:	Test Report #:	2-77639-1-

Client's Identification Style: Normandy Lite. Content: 100% Polyester. Weight: 11 oz/yd². End Use: Banner, Sign & Billboard Media for UV, Solvent & Screen Printing.

Tested For: **Jaime L. Giannantonio**
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4
Randolph, NJ 07869

Key Test: CA 1237 Sm WL 255

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
[x] After 72 hours water leaching
[ ] After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0.0	0	5.1
	2	0.0	0	5.1
	3	0.0	0	5.1
	4	0.0	0	4.8
	5	0.0	0	4.1
	Avg:	0.0		
Fill:	6	1.0	0	4.8
	7	0.0	0	4.2
	8	0.0	0	5.0
	9	0.0	0	5.5
	10	0.0	0	5.3
	Avg:	0.2		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 12.8 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.

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Client's Identification	Style: Normandy Lite. Content: 100% Polyester. Weight: 11 oz/yd². End Use: Banner, Sign & Billboard Media for UV, Solvent & Screen Printing.					

Tested For: **Jaime L. Giannantonio**
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4
Randolph, NJ 07869

Key Test: CA 1237 Sm WL 255

Tel: 1-(973)-627-8608 **Ext:** 124
Fax: 1-(973)-627-8506

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

[x] 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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Received: 03/11/2009	Completed: 03/30/2009	Letter: J5	rb	P.O.#:	Test Report #:	2-77639-2-

Client's Identification Style: Normandy Lite. Content: 100% Polyester. Weight: 11 oz/yd². End Use: Banner, Sign & Billboard Media for UV Solvent & Screen Printing.

Tested For: **Jaime L. Giannantonio**
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4
Randolph, NJ 07869

Key Test: CA 1237 Sm AW 950

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	4.6
	2	0	0	4.2
	3	0	0	4.8
	4	0	0	5.0
	5	0	0	3.7
	Avg:	0		
Fill:	6	0	0	3.8
	7	0	0	4.1
	8	0	0	4.7
	9	0	0	4.8
	10	0	0	3.6
	Avg:	0		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 12.8 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.

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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 AW 950

Tel: 1-(973)-627-8608 **Ext:** 124
Fax: 1-(973)-627-8506

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

[x] 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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CALIFORNIA DEPARTMENT OF FORESTRY and FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL

REGISTERED FLAME RESISTANT PRODUCT

Product:
NORMANDY LITE

Registration No.
F-77501

Product Marketed By:
ULTRAFLEX SYSTEMS
1578 SUSSEX TPK., 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

FR-8

ASTM E84-09

Client: ULTRAFLEX SYSTEMS INC.
Date: 5-12-09
Project Number: 3179814SAT-001A
Test Number: 1
Operator: TA/AM

Specimen ID: "NORMANDY FL." THE SPECIMEN WAS SUPPORTED BY RODS AND WIRE.

TEST RESULTS

FLAMESPREAD INDEX: 5

SMOKE DEVELOPED INDEX: 450

SPECIMEN DATA . . .

Time to Ignition (sec): 7
Time to Max FS (sec): 40
Maximum FS (feet): 1.5
Time to 980 F (sec): Never Reached
Time to End of Tunnel (sec): Never Reached
Max Temperature (F): 509
Time to Max Temperature (sec): 538
Total Fuel Burned (cubic feet): 50.83

FS*Time Area (ft*min): 14.4
Smoke Area (%A*min): 484.9
Unrounded FSI: 7.4

CALIBRATION DATA . . .

Time to Ignition of Last Red Oak (Sec): 39.0
Red Oak Smoke Area (%A*min): 111.0