



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

REGISTERED FLAME RESISTANT PRODUCT

Product:

POLE BANNER PRO 18 OZ

Registration No.

F-92701

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: 6/30/2017



Received:07/15/2011 Completed:07/18/2011 Letter: M rb P.O.#: Test Report #: 2-88361-0-RV

Client's Identification Style:Pole Banner Pro 18oz. Content:Polyester. Width N/A. Weight:18 oz/yd². End Use:Pole Banner Pro 18oz is a Blockout Intended for Double Sided Printing & Pole Banner Applications.

Tested For: **Jaime L. Giannantonio**

Key Test: CA 1237 Sm RVNC

Ultraflex Systems Inc.

1578 Sussex Tpk., Bldg. #4

Randolph, NJ 07869

Tel: 1-(973)-664-6724

Ext:

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
☐ After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0.0	0	4.1
	2	1.3	0	3.5
	3	0.0	0	3.7
	4	0.0	0	3.6
	5	0.0	0	3.7
	Avg:	0.3		
Fill:	6	0.0	0	3.8
	7	0.0	0	4.1
	8	0.0	0	3.4
	9	0.0	0	3.0
	10	0.0	0	3.6
	Avg:	0.0		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 18.9 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:07/15/2011	Completed:07/18/2011	Letter: M	rb	P.O.#:	Test Report #: 2-88361-0-RV
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Client's Identification	Style:Pole Banner Pro 18oz. Content:Polyester. Width N/A. Weight:18 oz/yd ² . End Use:Pole Banner Pro 18oz is a Blockout Intended for Double Sided Printing & Pole Banner Applications.
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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 RVNC Tel: 1-(973)-664-6724 Fax: 1-(973)-627-8506 Ext:
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CONCLUSION: Based on the above Results and Acceptance Criteria, the item tested:

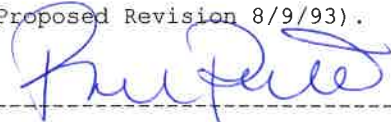
☒ Complies; ☐ Does not comply

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. This information has been verified current per an April 28, 2010 conversation with the California State Fire Marshall.

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).



AUG 11 2011

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. / ec

RV.08.11.11 /mg

MS. PHYLLIS PETTIT

(Page 2 of 2)



Received:07/15/2011	Completed:07/22/2011	Letter: M1	rb	P.O.#:	Test Report #:	2-88361-1-RV
Client's Identification	Style:Pole Banner Pro 18oz. Content: Polyester. Width N/A. Weight:18 oz/yd ² . End Use:Pole Banner Pro 18oz is a Blockout Intended for Double Sided Printing & Pole Banner Applications.					
Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869			Key Test: CA 1237 Sm WL RVNC Tel: 1-(973)-664-6724 Ext: 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
 ☐ After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	1.2	0	3.3
	2	2.6	0	3.0
	3	1.4	0	3.6
	4	2.2	0	3.6
	5	1.6	0	3.7
	Avg:	1.8		
Fill:	6	0.0	0	2.6
	7	10.6	0	4.6
	8	0.0	0	3.8
	9	0.0	0	3.0
	10	3.5	0	3.6
	Avg:	2.8		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 18.9 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: 07/15/2011	Completed: 07/22/2011	Letter: M1	rb	P.O.#:	Test Report #:	2-88361-1-RV
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Client's Identification	Style: Pole Banner Pro 18oz. Content: Polyester. Width N/A. Weight: 18 oz/yd ² . End Use: Pole Banner Pro 18oz is a Blockout Intended for Double Sided Printing & Pole Banner Applications.
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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 RVNC

Tel: 1-(973)-664-6724
Fax: 1-(973)-627-8506
Ext:

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

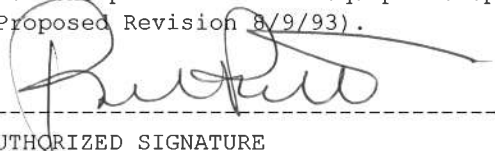
[x] Complies; [] Does not comply

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. This information has been verified current per an April 28, 2010 conversation with the California State Fire Marshall.

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).



AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. / ec

AUG 11 2011

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MS. PHYLLIS PETTIT

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Received: 07/15/2011	Completed: 07/28/2011	Letter: M2	rb	P.O.#:	Test Report #:	2-88361-2-RV
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Client's Identification	Style: Pole Banner Pro 18oz. Content: Polyester. Width N/A. Weight: 18 oz/yd ² . End Use: Pole Banner Pro 18oz is a Blockout Intended for Double Sided Printing & Pole Banner Applications.
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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 RVNC

Tel: 1-(973)-664-6724

Ext:

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
☒ After 100 hours weathering

RESULTS:	Specimen #	Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
Warp:	1	0.0	0	2.9
	2	0.0	0	2.8
	3	0.0	0	3.4
	4	0.0	0	3.7
	5	0.0	0	3.0
	Avg:	0.0		
Fill:	6	3.1	0	3.0
	7	2.3	0	2.8
	8	0.0	0	3.5
	9	1.1	0	2.4
	10	1.2	0	3.2
	Avg:	1.5		

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 18.9 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: 07/15/2011 Completed: 07/18/2011 Letter: L rb P.O.#: Test Report #: 2-88360-0-RV

Client's Identification Style: Pole Banner Pro 18oz. Content: Polyester. Width N/A. Weight: 18 oz/yd². End Use: Pole Banner Pro 18oz is a Blockout Intended for Double Sided Printing (see continuation)

Tested For: **Jaime L. Giannantonio**

Key Test: NFPA 701-2010 TM#2 Flat RVNC

Ultraflex Systems Inc.

1578 Sussex Tpk., Bldg. #4

Randolph, NJ 07869

Tel: 1-(973)-664-6724

Ext:

Fax: 1-(973)-627-8506

CLIENT'S IDENTIFICATION (continuation):

and Pole Banner Applications.

PC:1H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2010 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION: ☒ Single Layer; ☐ Multi Layer

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

RESULTS:

Length Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0	0	170
2	0	0	163
3	0	0	110
4	0	0	107
5	0	0	121
6	0	0	115
7	0	0	113
8	0	0	123
9	0	0	112
10	0	0	119

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 642 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:

☒ Passes; ☐ Fails; ☐ Requires testing of 5 additional specimens



Received:07/15/2011	Completed:07/18/2011	Letter: L	rb	P.O.#:	Test Report #:	2-88360-0-RV
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Tested For: **Jaime L. Giannantonio**

Ultraflex Systems Inc.

1578 Sussex Tpk., Bldg. #4

Randolph, NJ 07869

Key Test: NFPA 701-2010 TM#2 Flat RVNC

Tel: 1-(973)-664-6724

Ext:

Fax: 1-(973)-627-8506

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 #2 Flat Sheet Specimens

AUG 11 2011

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. / ec

RV.08.11.11 /mg

MS. PHYLLIS PETTIT

PRECONDITIONING: ☒ 1 hr @ 220°F (Standard)

☐ 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

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.

CONVERSION FACTORS:

mm ÷ 25.4 = inches

g/m² ÷ 28.35 x .835 = oz/yd²

(Page 2 of 2)



Received: 07/15/2011	Completed: 07/20/2011	Letter: L1	rb	P.O.#:	Test Report #:	2-88360-1-RV
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Tested For: Jaime L. Giannantonio Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869	Key Test: NFPA 701-2010 TM#2 Flat WL RVNC Tel: 1-(973)-664-6724 Fax: 1-(973)-627-8506 Ext:
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CLIENT'S IDENTIFICATION (continuation):

Banner Applications.

PC:1H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2010 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION: ☒ Single Layer; ☐ Multi Layer

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

RESULTS:

Length Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0	0	120
2	0	0	133
3	0	0	125
4	0	0	132
5	0	0	128
6	0	0	136
7	0	0	120
8	0	0	127
9	0	0	132
10	0	0	123

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 642 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:

☒ Passes; ☐ Fails; ☐ Requires testing of 5 additional specimens



Received: 07/15/2011	Completed: 07/20/2011	Letter: L1	rb	P.O.#:	Test Report #:	2-88360-1-RV
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Tested For: Jaime L. Giannantonio
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4
Randolph, NJ 07869

Key Test: NFPA 701-2010 TM#2 Flat WL
RVNC
Tel: 1-(973)-664-6724 **Ext:**
Fax: 1-(973)-627-8506

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 #2 Flat Sheet Specimens.



AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. / ec

AUG 11 2011

RV.08.11.11 /mg

MS. PHYLLIS PETTIT

PRECONDITIONING: ☒ 1 hr @ 220°F (Standard)
☐ 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

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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g/m² ÷ 28.35 x .835 = oz/yd²

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