

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



Page 1

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

Client's | Style: Pole Banner Pro 18oz. Content: Polyester. Width N/A. Weight: 18 oz/yd². End Use: Pole Banner Pro 18oz is a

Identification 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 tey rest. On 1237 Shi kevite

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

,

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]

[x] Initially

[ ] After 72 hours water leaching

[ ] After 100 hours weathering

			Afterflame	Afterglow	Char Length
RESULTS:	Specimen #		(seconds)	(seconds)	(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
		Ava:	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.

(Page 1 of 2)



Organization, inc.			Page 2				
Received: 07/15/2011   Completed: 07/18/2011   Letter: M	rb <b>P.O.</b> #:	Test Report #:	2-88361-0-RV				
Client's Style:Pole Banner Pro 18oz. Content:Polyester. Width N/A. Weight:18 oz/yd². End Use:Pole Banner Pro 18oz is a Identification 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 Fax: 1-(973)-627-8506	Ext:				
Kandolphi, NJ 07889		Fax: 1-(9/3)-02/-8300					
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 average afterflame of 4.0 seconds. This pro Marshal until approximately February 2004, a the unrevised rule of 2.0 seconds maximum av	oposed revision was h at which time the Sta	nonored by the subsequent ate Fire Marshal's office	State Fire				
In a conversation with the latest California the proposed 1993 revision is now back in efthan 2 seconds, the proposed revision provide This information has been verified current price Marshall.	ffect. In addition t des for testing of 10	to allowing 4 seconds Aft O specimens, rather than	erflame rather 6 specimens.				
CERTIFICATION: I certify that the above reswith the procedures and equipment specified (Proposed Revision 8/9/93).							
Kutelle AUG	5 1 1 2011						
AUTHORIZED SIGNATURE THE GOVMARK ORGANIZATION, INC. / ec		RV.08.11.11 /mg					
MS. PHYLLIS PETTIT							
	(Page 2 of 2)						



Page 1

 Received: 07/15/2011
 Completed: 07/22/2011
 Letter: M1
 rb
 P.O.#:
 Test Report #:
 2-88361-1-RV

Style:Pole Banner Pro 18oz. Content: Polyester. Width N/A. Weight:18 oz/yd². End Use:Pole Banner Pro 18oz is a

Identification Blockout Intended for Double Sided Printing & Pole Banner Applications.

Tested For: Jaime L. Giannantonio

Client's

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

[x] 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
	A	.vg: 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
	Av	g: 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  $4 \text{ oz/yd}^2$ .
- 2. Afterglow is required to be reported; however, it is not factored into the Acceptance Criteria.

(Page 1 of 2)



Page 2

Received: 07/1:	5/2011	Completed: 07/22/2011	Letter: M1	rb	P.O.#:	Test Report #:	2-88361-1-RV
Client's Style:Pole Banner Pro 18oz. Content: Polyester. Width N/A. Weight:18 oz/yd². End Use:Pole Banner Pro 18oz is a Identification Blockout Intended for Double Sided Printing & Pole Banner Applications.							
Tested For: J	Tested For: Jaime L. Giannantonio Key Test: CA 1237 Sm WL RVNC						
U	Ultraflex Systems Inc.						
1	578 Sus	ssex Tpk., Bldg. #4			<b>Tel:</b> 1-(97	3)-664-6724	Ext:
R	andolp	h, NJ 07869			Fax: 1-(97	/3)-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. 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 1 1 2011

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. / ec

MS. PHYLLIS PETTIT

RV.08.11.11 /mg

(Page 2 of 2)



Page 1

Received:07/15/2011 | Completed:07/28/2011 | Letter: M2 P.O.#: rb Test Report #: 2-88361-2-RV

Client's

Style:Pole Banner Pro 18oz. Content:Polyester. Width N/A. Weight: 18 oz/yd². End Use:Pole Banner Pro 18oz is a Identification 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 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

[x] After 100 hours weathering

RESULTS:	Specimen #		Afterflame (seconds)	Afterglow (seconds)	Char Length (inches)
1					
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.



Page 1

Received:07/15/2011	Completed: 07/18/201	1 Letter: L	rb <b>P.O.</b> #:	Test Report #:	2-88360-0-RV		
Client's 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.			Ke	y <b>Test:</b> NFPA 701-2010 TM#2 Fl	at RVNC		
1578 Suss	Systems Inc. sex Tpk., Bldg. #4 , NJ 07869			Tel: 1-(973)-664-6724 Fax: 1-(973)-627-8506	Ext:		
CLIENT'S IDENTIFIC	CATION (continua	tion):					
and Pole Banner Ap	oplications.						
				PC:1H			
TEST PERFORMED: N - 2010 Edition - 1	NFPA 701 - Standa Cest Method #2 -	ard Methods of E Flat Sheet Spec	Fire Tests for cimens	Flame Propagation of Text.	iles and Films		
SPECIMEN CONFIGURA	ATION: [x] Sing	le Layer; [ ] M	Multi Layer				
RESULTS REPORTED:	<pre>[x] Initially [ ] After 3 dry [ ] After 5 law</pre>	y cleanings underings @ 160°	[ ] After	72 hours water leaching 100 hours accelerated wear	thering		
RESULTS:							
Length Specimen #	Afterflame (seconds)	Drip Bur (seconds	5)	Char Length (mm)			
1	0	0	<del></del>	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 10	0	0		112			
	-	0		119			
APPROXIMATE WEIGHT			_	r/m²			
FAILURE CRITERIA: Afterflame				Toward b			
	aana sa	cip Burn					
Exceeds 2.0 seconds Exceeds 2.0 seconds Exceeds 435 mm (17.1")							
RETEST PROVISION:	Test 5 addition	al specimens if	only 1 specim	en fails.			
CONCLUSION: Based	on the above Re	sults and Failu	re Criteria, t	he item tested:			
[x] Passes; [	] Fails; [ ] Re	quires testing	of 5 additiona	l specimens			
		(Pa	age 1 of 2)				



Ext:

Page 2

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

Client's

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

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 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 1 1 2011

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. / ec

RV.08.11.11 /mg

MS. PHYLLIS PETTIT

PRECONDITIONING: [x] 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:  $mm \div 25.4 = inches$ 

 $g/m^2 \div 28.35 \times .835 = oz/yd^2$ 

(Page 2 of 2)



Page 1

Received:07/15/2011	Completed: 07/20/2011	Letter: L1	rb	P.O.#:	Test Report #:	2-88360-1-RV	
Client's Style: Pole Banner Pro 18oz. Content: Polyester. Width N/A. Weight: 18 oz/yd². End Use: Pole Banner Pro 18oz is a Identification Blockout Intended for Double Sided Printing & Pole (see continuation)							
1578 St	L. Giannantonio ex Systems Inc. ussex Tpk., Bldg. #4 ph, NJ 07869			Tel:	NFPA 701-2010 TM#2 F RVNC 1-(973)-664-6724 1-(973)-627-8506	ilat WL  Ext:	
CLIENT'S IDENTI	FICATION (continuati	on):					
Banner Applicati	ions.				PC:1H		
	NFPA 701 - Standar - Test Method #2 - F				Propagation of Tex	tiles and Films	
SPECIMEN CONFIGU	JRATION: [x] Single	Layer; [ ]	Mult	i Layer			
RESULTS REPORTEI	: [ ] Initially [ ] After 3 dry [ ] After 5 laun	_	)°F		urs water leaching ours accelerated we	athering	
RESULTS: Length Specimen #	Afterflame (seconds)	Drip Bu (second	ls)	Char (mm)	Length		
1	0	0		120			
2	0	0		133			
3	0	0		125			
4 5	0	0		132 128			
6	0	0		136			
7	0	0		120			
8	0	0		127			
9	0	0		132			
10	0	0		123			
APPROXIMATE WEIG	HT OF MATERIAL (as	measured by G	Sovma	rk): 642 g/m²			
FAILURE CRITERIA	: For each individ	ual specimen					
Afterflame	Dri	p Burn		Char Leng	th 		
Exceeds 2.0 s				Exceeds 4			
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							
		(	Page	1 of 2)			



Page 2

Received: 07/15/2011 | Completed: 07/20/2011 | Letter: L1 rb P.O.#: Test Report #: 2-88360-1-RV

Client's

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

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.

AUG 1 1 2011

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. / ec

RV.08.11.11 /mg

MS. PHYLLIS PETTIT

PRECONDITIONING:

[x] 1 hr @ 220°F (Standard)

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

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 $g/m^2 \div 28.35 \times .835 = oz/yd^2$ 

(Page 2 of 2)