

Received:06/15/2010 Completed:06/22/2010 Letter: W rb P.O.#: Test Report #: 2-83691-0-RV

Client's Identification Style: ImageStar Banner 13 oz. PVC Scrim.

Tested For: **Judy Heft**

Nazdar Source One  
8501 Hedge Lane Terrace  
Shawnee, KS 66227

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

Tel: 1-(888)-578-5713 Ext:  
Fax: 1-(888)-258-5050

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	210
2	0	0	260
3	0	0	240
4	0	0	370
5	0	0	230
6	0	0	290
7	0	0	250
8	0	0	310
9	0	0	230
10	0	0	300

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 427 g/m<sup>2</sup>

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

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. /jlb

RV. 01.10.13/gb

*Douglas W. Lipp*

(Page 1 of 2)

JAN 16 2013



Received:06/15/2010	Completed:06/22/2010	Letter: W	rb	P.O.#:	Test Report #:	2-83691-0-RV
Client's Identification	Style: ImageStar Banner 13 oz. PVC Scrim.					
Tested For: <b>Judy Heft</b>				Key Test: NFPA 701-2010 TM#2 Flat RVNC		
Nazdar Source One 8501 Hedge Lane Terrace Shawnee, KS 66227				Tel: 1-(888)-578-5713		Ext:
				Fax: 1-(888)-258-5050		

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

REMARKS: The test completion date that appears on this report is the same date as the report prior to this revision and not the date of authorized signature.

CONVERSION FACTORS:  
mm ÷ 25.4 = inches  
g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

(Page 2 of 2)



Received: 06/15/2010 Completed: 07/02/2010 Letter: W1 rb P.O.#: Test Report #: 2-83691-1-RV

Client's Identification Style: ImageStar Banner 13 oz. PVC Scrim..

Tested For: **Judy Heft** Key Test: NFPA 701-2010 TM#2 Flat WL  
Nazdar Source One RVNC  
8501 Hedge Lane Terrace Tel: 1-(888)-578-5713 Ext:  
Shawnee, KS 66227 Fax: 1-(888)-258-5050

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	130
2	0	0	240
3	0	0	240
4	0	0	320
5	0	0	250
6	0	0	240
7	0	0	250
8	0	0	180
9	0	0	240
10	0	0	250

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 427 g/m<sup>2</sup>

FAILURE CRITERIA: For each individual specimen --

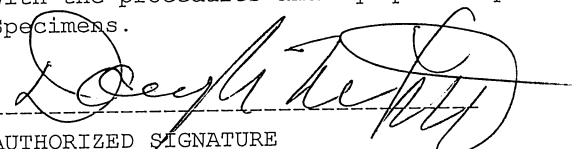
Afterflame	Drip Burn	Char Length
Exceeds 2.0 seconds	Exceeds 2.0 seconds	Exceeds 435 mm (17.1")

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

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. /jlb

RV. 01.10.13/gb

*Douglas W. Lipp*

(Page 1 of 2)

JAN 16 2013



Received: 06/15/2010	Completed: 07/02/2010	Letter: W1	rb	P.O.#:	Test Report #:	2-83691-1-RV
Client's Identification	Style: ImageStar Banner 13 oz. PVC Scrim..					
Tested For: <b>Judy Heft</b>	Nazdar Source One 8501 Hedge Lane Terrace Shawnee, KS 66227			Key Test: NFPA 701-2010 TM#2 Flat WL RVNC Tel: 1-(888)-578-5713      Ext: Fax: 1-(888)-258-5050		

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

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(Page 2 of 2)



Received:06/15/2010 Completed:08/10/2010 Letter: W2 rb P.O.#: Test Report #: 2-83691-2-RV

Client's Identification Style: ImageStar Banner 13 oz. PVC Scrim.

Tested For: **Judy Heft**  
Nazdar Source One  
8501 Hedge Lane Terrace  
Shawnee, KS 66227

Key Test: NFPA 701-2010 TM#2 Flat AW  
RVNC  
Tel: 1-(888)-578-5713 Ext:  
Fax: 1-(888)-258-5050

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	190
3	0	0	170
4	0	0	130
5	0	0	160
6	0	0	200
7	0	0	160
8	0	0	170
9	0	0	140
10	0	0	170

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 427 g/m<sup>2</sup>

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

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.

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(Page 1 of 2)

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Tested For: <b>Judy Heft</b>	Nazdar Source One 8501 Hedge Lane Terrace Shawnee, KS 66227			Key Test: NFPA 701-2010 TM#2 Flat AW RVNC Tel: 1-(888)-578-5713      Ext: Fax: 1-(888)-258-5050		

PRECONDITIONING:     1 hr @ 220°F (Standard)  
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(Page 2 of 2)