



Received: 10/08/2013 Completed: 10/09/2013 Letter: I AA P.O.#: Test Report #: 2-98955-0-

Client's Identification Style: Ultra Mesh Supreme. Content: Polyester. End Use: Outdoor Graphics, Fence Graphics.

Tested For: **Jaime Sherman** Key Test: NFPA 701-2010 TM#2 Flat 375
Ultraflex Systems Inc.
1578 Sussex Tpk., Bldg. #4 Tel: 1-(973)-627-8608 Ext:
Randolph, NJ 07869 Fax: 1-(973)-627-8506

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	147
2	0	0	164
3	0	0	152
4	0	0	120
5	0	0	167
6	0	0	126
7	0	0	169
8	0	0	172
9	0	0	171
10	0	0	175

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 291 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: 10/08/2013	Completed: 10/09/2013	Letter: I	AA	P.O.#:	Test Report #:	2-98955-0-
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Client's Identification	Style: Ultra Mesh Supreme. Content: Polyester. End Use: Outdoor Graphics, Fence Graphics.
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Tested For: Jaime Sherman Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869	Key Test: NFPA 701-2010 TM#2 Flat 375 Tel: 1-(973)-627-8608 Fax: 1-(973)-627-8506	Ext:
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PRECONDITIONING: ☒ 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

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

OCT 22 2013

Robert I. Brown

(Page 2 of 2)

Received: 10/08/2013	Completed: 10/15/2013	Letter: II	AA	P.O.#:	Test Report #: 2-98955-1-
Client's Identification	Style: Ultra Mesh Supreme. Content: Polyester. End Use: Outdoor Graphics, Fence Graphics.				
Tested For: Jaime Sherman Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869				Key Test: NFPA 701-2010 TM#2 Flat 525 Tel: 1-(973)-627-8608 Ext: Fax: 1-(973)-627-8506	

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	220
2	0	0	165
3	0	0	180
4	0	0	233
5	0	0	189
6	0	0	177
7	0	0	186
8	0	0	224
9	0	0	172
10	0	0	186

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 291 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: 10/08/2013	Completed: 10/15/2013	Letter: I1	AA	P.O.#:	Test Report #:	2-98955-1-
Client's Identification	Style: Ultra Mesh Supreme. Content: Polyester. End Use: Outdoor Graphics, Fence Graphics.					
Tested For: Jaime Sherman Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869				Key Test: NFPA 701-2010 TM#2 Flat		525
				Tel: 1-(973)-627-8608		Ext:
				Fax: 1-(973)-627-8506		

PRECONDITIONING: ☒ 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

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. /jb

Robert I. Brown

OCT 22 2013

(Page 2 of 2)



Intertek Testing Services
Labtest

TEST REPORT

ULTRAFLEX SYSTEMS, INC.
385 Franklin Avenue
Rockaway, NJ. 07866
Attn. Brian Lynch

REPORT NO. 34765

January 19, 2000

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: ULTRA MESH SUPREME FR

TEST RESULTS

FIRE RESISTANCE - STATE OF CALIFORNIA (NATURALS/SYNTHETICS) (Small Scale Test)

EVALUATION OF TEST RESULTS

This fabric sample submitted DOES meet the requirements when tested in accordance with procedures outlined in Specifications for Flame-Retardant Chemicals, Fabrics and Application Concerns, California Administrative Code Title 19 (Interior Chemicals).

Tested By



Intertek
Testing Services

Test
Reference
34765
JG

LABTEST INTERNATIONAL, INC.


Alma Burrowes
Manager - NY Softlines

-continued-



TEST REPORT

REPORT NO. 34765

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: ULTRA MESH SUPREME FR

TEST RESULTS

STATE OF SAMPLE: AS RECEIVED

AFTERFLAME (SECONDS)		CHAR LENGTH (INCHES)	
<u>WARP</u>	<u>FILLING</u>	<u>WARP</u>	<u>FILLING</u>
0.0	0.0	3.9	4.2
0.0	0.0	3.8	3.2
0.0	0.0	4.0	3.8
0.0	0.0	3.9	4.8
0.0	0.0	4.0	5.2
0.0	0.0	3.9	4.2
Average:	0.0		

OBSERVATIONS

Afterglow: NO
Localize Burning: YES

REQUIREMENTS

Afterflame shall not exceed 4.0 seconds for average.
Char length shall not exceed 6.0 inches for any one specimen.

IF YOU NEED ASSISTANCE IN INTERPRETING THESE TESTS RESULTS
OR IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CALL:
CUSTOMER SERVICES DEPT.



Intertek Testing Services

Labtest

TEST REPORT

REPORT NO. 34765

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: ULTRA MESH SUPREME FR

TEST RESULTS

STATE OF SAMPLE: AS RECEIVED

	<u>AFTERFLAME</u>	<u>BURNING OF DRIPPINGS</u>	<u>LENGTH DIRECTION WEIGHT IN GRAMS BEFORE EXPOSURE</u>	<u>WEIGHT IN GRAMS AFTER EXPOSURE</u>	<u>PERCENT WEIGHT LOSS</u>
Test 1	0.0	0.0	18.84	14.07	25.3
Test 2	0.0	0.0	19.54	15.93	18.3
Test 3	0.0	0.0	19.20	16.20	15.6
Test 4	0.0	0.0	19.08	18.97	0.6
Test 5	0.0	0.0	19.09	18.99	0.5
Test 6	0.0	0.0	18.96	15.41	18.7
Test 7	0.0	0.0	19.30	12.60	34.7
Test 8	0.0	0.0	18.74	18.63	0.6
Test 9	0.0	0.0	19.07	13.54	29.0
Test 10	0.0	0.0	19.35	17.80	8.0
Average:		0.0			

Average Percent Weight Loss for Ten Specimens: 15.2%

7-1 PERFORMANCE CRITERIA

Burning of Drippings:

7-1.1 Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens, the material shall be recorded as failing Test 1.

Average Percent Weight Loss for Ten Specimens:

7-1.2 Where the average weight loss of the 10 specimens in a sample is greater than 40 percent the material shall be recorded as failing this test.



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

REGISTERED FLAME RESISTANT PRODUCT

Product:

ULTRAMESH SUPREME

Registration No.

F-75401

Product Marketed By:

**ULTRAFLEX SYSTEMS, INC.
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

Received:04/22/2015	Completed:04/24/2015	Letter: G	AM	P.O.#:	Test Report #:	3-07519-0-
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Client's Identification	Style: Ultima Supreme-R. Content: Polyester. End Use: Banner Material.
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Tested For: Kylie Schleicher Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869	Key Test: CAN/ULC-S109-14 Small Flame Test 195 Tel: 1-(973)-627-8608 Ext: Fax: 1-()- -
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Test Category: CAN/UL Small Specifier: CAN/UL /jd

TEST PERFORMED: CAN/ULC-S109-14 * - Standard for Flame Tests of Flame-Resistant Fabrics & Films, Small Flame Test

(* Note: This document was prepared and published by Underwriters' Laboratories of Canada and is approved as a National Standard of Canada.)

PRECONDITIONING:

☒ Standard method: 0.5 hour @ 105 ± 2°C

☐ Alternate method for materials that are affected by heating to 105°C:

☐ Desiccator method: 12 hours minimum @ 20 ± 2°C and 50 ± 5% RH

☐ Alternate oven method: 1 hour @ 60 ± 2°C

APPROXIMATE AREA DENSITY OF MATERIAL (as measured by Govmark): 514 gm/m²

CONVERSION FACTORS:

mm ÷ 25.4 = inches

g/m² ÷ 28.35 x 0.0835 = oz/yd²

RESULTS ARE REPORTED:

<input checked="" type="checkbox"/> Initially	[code 195]
<input type="checkbox"/> After 10 dry cleanings	[code 395]
<input type="checkbox"/> After 10 launderings	[code 345]
<input type="checkbox"/> After 72 hours water leaching	[code 345]
<input type="checkbox"/> After scrubbing	[code 545]
<input type="checkbox"/> After 360 hours accelerated weathering	[code 4775]

Received:04/22/2015	Completed:04/24/2015	Letter: G	AM	P.O.#:	Test Report #:	3-07519-0-
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Client's Identification	Style: Ultima Supreme-R. Content: Polyester. End Use: Banner Material.
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Tested For: Kylie Schleicher Ultraflex Systems Inc. 1578 Sussex Tpk., Bldg. #4 Randolph, NJ 07869	Key Test: CAN/ULC-S109-14 Small Flame Test 195 Tel: 1-(973)-627-8608 Ext: Fax: 1-()- -
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RESULTS:	Specimen #	Surface Flaming** (seconds)	Flaming Drip (seconds)	Damaged Length (mm)
<hr/>				
Length:	1	2.1	0	110
	2	3.2	0	132
	3	1.1	0	121
	4	0.0	0	118
	5	25.1	0	186
<hr/>				
Width:	6	3.2	0	138
	7	13.1	0	122
	8	9.4	0	114
	9	3.2	0	112
	10	28.6	0	230
<hr/>				
			Avg:	138

REMARKS: None.


ACCEPTANCE CRITERIA:	Surface Flaming (seconds)	Flaming Drip (seconds)	Damaged Length
<hr/>			
Maximum Average:	**	Not specified	165 mm (6.5")
Maximum Individual Specimen:	**	2.0	190 mm (7.5")

(** Surface Flaming values are required to be reported after removal of the 12 seconds igniting flame; however, these values are not required to be factored into determination of acceptance.)

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

☒ Complies; ☐ Does not comply

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by CAN/ULC-S109-14.



 AUTHORIZED SIGNATURE
 GOVMARK
 /ec /tm

MS. PHYLLIS PETTIT
MAY 01 2015

for the proof of Fire behaviour according to DIN 4102-1



Prüfstelle für das
Brandverhalten
von Baustoffen

Dipl.-Ing. Uwe Kühnast

Reference: FLT 3243509 (Translation of the German test report - no guarantee for translation of technical terms)

Company:

Order: 2009-07-05 **Arrived:** 2009-07-05

Steinstrasse 18
D - 14822 Borkheide
Fon: +49 33845 90901
Fax: +49 33845 90909
Mail: info@firelabs.de

Description of samples: White, on both sides with plasticised PVC coated polyester fabric to be used as printable advertising space or for decoration purposes, named:
FRONTLIT PREMIUM
(for details see page 2)

Delivered: 2009-07-08

Content of request: Proof of flammability to classify building materials to class B1 "schwerentflammbar" according to DIN 4102-1

Assessment: The examined product meets the requirements of class B1 for "schwerentflammbare" (hardly flammable) building materials according to DIN 4102-1. If used in one layer, suspended freely or with distance of >40 mm to the same or other plain materials. (for details see page 5)

Validity of test report: 2014-07-31

Sampling: by the company itself

Remark: If the above-mentioned building material is not used as product according to MBO § 2, Abs. 9, Ziffer 1, there is no need for a general building supervisory test report.
This test report is not valid if the examined building material is used as product in the meaning of state building prescriptions (MBO § 17, Abs. 3).

This test report does not replace an eventually necessary proof of applicability concerning building supervisory or building laws in the meaning of state building prescriptions. This has to be verified by:

- "allgemeine bauaufsichtliche Zulassung" (general building inspectorate approval) or by
- "allgemeines bauaufsichtliches Prüfzeugnis" (general building inspectorate certificate) or by
- "Zustimmung im Einzelfall" (exceptional approval)

This test report can underlie building supervisory procedures:

- for regular building products for the pre scribed proofs of conformity
- for non-regular building products for the needed proofs of applicability.

This test report includes 5 pages and 2 enclosures.

Approved testing, inspection and certification body

This test report must not be published and copied preceding agreement of the test laboratory and if agreed, only during validity and unchanged concerning appearance and contents. Agreement of the test laboratory has to be given in any case if norms in which the tests are based or other technical standards have changed.

TEST REPORT



**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Richard C. Visconti, R.A., Acting Commissioner
MEA 138-00-M

Report of Material and Equipment Acceptance Division

Manufacturer - Ultraflex System, Inc., 385 Franklin Avenue, Rockaway, New Jersey
07866.

Trade Name - **UltraMesh Supreme FR.**

Product - PVC coated fabric for flex sign.

Pertinent Code Section(s) - 27-499, 27-501, 27-506, 27-507, and TPPN #11/99.

Prescribed Test(s) - RS 7-3 [NFPA 701 (Test Method 2)].

Laboratory - Govmark Organization Inc.

Test Report(s) - Test Report #2-2784-0, dated March 3, 2000.

Description - Ultra Mesh Supreme material for use as flex sign, is a polyester mesh fabric coated with PVC vinyl. It is used for large hanging banners and signs. It can be printed on.

Recommendation - That the above material be accepted as meeting the flame resistance requirements of Section 27-506 and 27-507 of the Building Code, for use on flex signs. The acceptance of this material is limited to flame resistance only. Structural and other requirements shall be in accordance with pertinent Building Code provisions and Technical Policy and Procedure Notice #11/99. All installations, uses and locations shall be in accordance with the New York City Building Code, specifically with Section 27-499 and 27501, and the Zoning Resolution. All shipments and deliveries of such materials shall, in addition, be accompanied by a tag, certifying that the materials shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance MAY 25 2000

Examined By S Derbhadar



TEST REPORT

ULTRAFLEX SYSTEMS, INC.
385 Franklin Avenue
Rockaway, NJ. 07866
Attn. Brian Lynch

REPORT NO. 34765

January 19, 2000

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: ULTRA MESH SUPREME FR

FIRE RESISTANCE NFPA 701 - Test #1

EVALUATION OF TEST RESULTS

The fabric submitted for testing DOES pass the flame resistance requirements when tested, as received, in accordance with procedures outlined in the National Fire Protection Association Standard 701. The fabric was tested in the original state only. The procedure does include testing after exposure (e.g. laundering, drycleaning, leaching or weathering) outlined in Chapter 13 of the NFPA Standard 701. The client may wish to take this into consideration.

IF YOU NEED ASSISTANCE IN INTERPRETING THESE TESTS RESULTS
OR IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CALL:
CUSTOMER SERVICES DEPT.

Tested By



Intertek
Testing Services

LABTEST INTERNATIONAL, INC.

Test
Reference
34765
JG

Alma Burrowes
Alma Burrowes
Manager - NY Softlines

-continued-



TEST REPORT

REPORT NO. 34765

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: ULTRA MESH SUPREME FR

TEST RESULTS

STATE OF SAMPLE: AS RECEIVED

	LENGTH DIRECTION				
	<u>AFTERFLAME</u>	<u>BURNING OF DRIPPINGS</u>	<u>WEIGHT IN GRAMS BEFORE EXPOSURE</u>	<u>WEIGHT IN GRAMS AFTER EXPOSURE</u>	<u>PERCENT WEIGHT LOSS</u>
Test 1	0.0	0.0	18.84	14.07	25.3
Test 2	0.0	0.0	19.54	15.93	18.5
Test 3	0.0	0.0	19.20	16.20	15.6
Test 4	0.0	0.0	19.08	18.97	0.6
Test 5	0.0	0.0	19.09	18.99	0.5
Test 6	0.0	0.0	18.96	15.41	18.7
Test 7	0.0	0.0	19.30	12.60	34.7
Test 8	0.0	0.0	18.74	18.63	0.6
Test 9	0.0	0.0	19.07	13.54	29.0
Test 10	0.0	0.0	19.35	17.80	8.0
Average:		0.0			

Average Percent Weight Loss for Ten Specimens: 15.2%

7-1 PERFORMANCE CRITERIA

Burning of Drippings:

7-1.1 Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens, the material shall be recorded as failing Test 1.

Average Percent Weight
Loss for Ten Specimens:

7-1.2 Where the average weight loss of the 10 specimens in a sample is greater than 40 percent, the material shall be recorded as failing this test.



Intertek Testing Services

Labtest

TEST REPORT

REPORT NO. 34765

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: **ULTRA MESH**

TEST RESULTS

STATE OF SAMPLE: AS RECEIVED

AFTERFLAME (SECONDS)		CHAR LENGTH (INCHES)	
<u>WARP</u>	<u>FILLING</u>	<u>WARP</u>	<u>FILLING</u>
0.0	0.0	3.9	4.2
0.0	0.0	3.8	3.2
0.0	0.0	4.0	3.8
0.0	0.0	3.9	4.8
0.0	0.0	4.0	5.2
Average:	0.0	3.9	4.2

OBSERVATIONS

Afterglow: NO
Localize Burning: YES

REQUIREMENTS

Afterflame shall not exceed 4.0 seconds for average.
Char length shall not exceed 6.0 inches for any one specimen.

IF YOU NEED ASSISTANCE IN INTERPRETING THESE TESTS RESULTS
OR IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CALL:
CUSTOMER SERVICES DEPT.