

Received:01/07/2002	Completed:01/10/2002	Letter: F	rb	P.O.#:	Test Report #:	2-38691-0-RE
Client's Identification	Ultralon IV					
Tested For:	Liliane Miller		Key Test: NFPA 701-96 TM#2 Flat MEA RE			100
	Ultraflex Systems Inc.		Tel: 1-(973)-627-8608			Ext: 13
	365 Franklin Avenue		Fax: 1-(973)-627-8506			
	Rockaway, NJ 07866					

Test Category: NFPA 701-96 TM2 Specifier: NYC Flex Signs

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1996 Edition - Test Method #2 - Flat Sheet Specimens
as cited by The City of New York Department of Buildings Technical Policy and Procedure Notice #11/99 - Safety Standards for the Erection of Flex Sign Structures -- RETEST

SPECIMEN CONFIGURATION: Single Layer; Multi Layer

RESULTS REPORTED: Initially
 After 72 hours water leaching
 After 100 hours accelerated weathering

RESULTS: Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0.0	0.0	350
2	0.0	0.0	320
3	0.0	0.0	310
4	0.0	0.0	270
5	0.0	0.0	290

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 645 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 Results of 15 specimens (reports 2-38691-0 and 2-38691-0-RE) and Failure Criteria, the item tested:

Passes; Fails; Requires testing of 5 additional specimens

(continued on page 2)



Received:01/07/2002	Completed:01/10/2002	Letter: F	rb	P.O.#:	Test Report #:	2-38691-0-RE
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Client's Identification	Ultralon IV
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Tested For: Liliane Miller Ultraflex Systems Inc. 365 Franklin Avenue Rockaway, NJ 07866	Key Test: NFPA 701-96 TM#2 Flat MEA RE 100 Tel: 1-(973)-627-8608 Ext: 13 Fax: 1-(973)-627-8506
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CONVERSION FACTORS: mm ÷ 25.4 = inches
 g/m² ÷ 28.35 x .835 = oz/yd²

REMARKS:
None.

CERTIFICATION:
I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 1996 Edition Test Method #2 Flat Sheet Specimens.

Heather E Robertson

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC.
jd

Received:01/07/2002 Completed:01/15/2002 Letter: F1 rb P.O.#: Test Report #: 2-38691-1-

Client's Identification Ultralon IV

Tested For: **Liliane Miller**
Ultraflex Systems Inc.
365 Franklin Avenue
Rockaway, NJ 07866

Key Test: NFPA 701-96 TM#2 Flat MEA WL 375
Tel: 1-(973)-627-8608 Ext: 13
Fax: 1-(973)-627-8506

Test Category: NFPA 701-96 TM2 Specifier: NYC Flex Signs CODE: 275-375-1675

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1996 Edition - Test Method #2 - Flat Sheet Specimens as cited by The City of New York Department of Buildings Technical Policy and Procedure Notice #11/99 - Safety Standards for the Erection of Flex Sign Structures

SPECIMEN CONFIGURATION: Single Layer; Multi Layer

RESULTS REPORTED: Initially
 After 72 hours water leaching
 After 100 hours accelerated weathering

RESULTS: Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0.0	0.0	220
2	0.0	0.0	200
3	2.0	0.0	190
4	0.0	0.0	230
5	0.0	0.0	160
6	1.0	0.0	220
7	2.0	0.0	240
8	0.0	0.0	220
9	0.0	0.0	190
10	0.0	0.0	200

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 645 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

(continued on page 2)

Received:01/07/2002	Completed:01/15/2002	Letter: F1	rb	P.O.#:	Test Report #:	2-38691-1-
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Client's
Identification

Ultralon IV

Tested For: **Liliane Miller**

Ultraflex Systems Inc.
365 Franklin Avenue
Rockaway, NJ 07866

Key Test: NFPA 701-96 TM#2 Flat MEA WL 375

Tel: 1-(973)-627-8608 Ext: 13
Fax: 1-(973)-627-8506

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

REMARKS:
None.

CERTIFICATION:

I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 1996 Edition Test Method #2 Flat Sheet Specimens.

Heather E. Roberts

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC.
jd

Received:01/07/2002 Completed:02/04/2002 Letter: F2 rb P.O.#: Test Report #: 2-38691-2-

Client's Identification Ultralon IV

Tested For: **Liliane Miller**
Ultraflex Systems Inc.
365 Franklin Avenue
Rockaway, NJ 07866

Key Test: NFPA 701-96 TM#2 Flat MEA AW 1675

Tel: 1-(973)-627-8608 Ext: 13
Fax: 1-(973)-627-8506

Test Category: NFPA 701-96 TM2 Specifier: NYC Flex Signs CODE: 275-375-1675

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1996 Edition - Test Method #2 - Flat Sheet Specimens as cited by The City of New York Department of Buildings Technical Policy and Procedure Notice #11/99 - Safety Standards for the Erection of Flex Sign Structures

SPECIMEN CONFIGURATION: Single Layer; Multi Layer

RESULTS REPORTED: Initially
 After 72 hours water leaching
 After 100 hours accelerated weathering

RESULTS: Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	2.0	0.0	280
2	0.0	0.0	190
3	0.0	0.0	200
4	0.0	0.0	250
5	0.0	0.0	240
6	0.0	0.0	220
7	0.0	0.0	230
8	0.0	0.0	240
9	0.0	0.0	250
10	0.0	0.0	230

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 645 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

(continued on page 2)

Received:01/07/2002	Completed:02/04/2002	Letter: F2	rb	P.O.#:	Test Report #:	2-38691-2-
Client's Identification	Ultralon IV					
Tested For: Liliane Miller	Ultraflex Systems Inc. 365 Franklin Avenue Rockaway, NJ 07866			Key Test: NFPA 701-96 TM#2 Flat MEA AW		1675
			Tel: 1-(973)-627-8608	Ext: 13		
			Fax: 1-(973)-627-8506			

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

REMARKS:
None.

CERTIFICATION:

I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 1996 Edition Test Method #2 Flat Sheet Specimens.

Heather E. Robertson

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC.
jd



TEST REPORT

ULTRAFLEX SYSTEMS, INC.
385 Franklin Avenue
Rockaway, NJ. 07866
Attn. John Schleicher, Jr.

REPORT NO. 24815

PAGE 5 OF 40

February 8, 1999

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: **ULTRALON IV**

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:
HEATHER ROBERTSON OR EDUARDO PALOMO

Signed for the Company by:

Michele Payne
Technical
Supervisor

Tested By

Intertek
Testing Services

Test Report checked by:

Heather Robertson
Technical Manager of
the Softlines Division

Test
Reference
24815
JG

-continued-



TEST REPORT

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: **ULTRALON IV**

TEST RESULTS

STATE OF SAMPLE: AS RECEIVED

	<u>LENGTH DIRECTION</u>				
	<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	34.29	32.19	6.1
Test 2	0.0	0.0	33.95	28.08	17.3
Test 3	0.0	0.0	33.81	31.40	7.1
Test 4	0.0	0.0	33.74	28.72	14.9
Test 5	3.0	0.0	33.71	29.14	13.6
Test 6	0.0	0.0	33.31	27.64	17.0
Test 7	0.0	0.0	33.23	23.03	30.7
Test 8	0.0	0.0	33.09	26.09	21.2
Test 9	5.0	0.0	33.29	20.86	37.3
Test 10	0.0	<u>0.0</u>	33.26	22.66	31.9
Average:		0.0			

Average Percent Weight Loss for Ten Specimens: 19.7%

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.

Received: 03/16/2001	Completed: 03/31/2001	Letter: M	rb	P.O.#:	Test Report #:	2-33639-0-RV
Client's Identification	Product Identification: Ultralon IV - Polyester Scrim PVC Coated Fabric; Color: White; 19.5 oz/yd ² . Product End Use: Decorated sign and billboard faces.					
Tested For: Brian Lynch			Key Test: NFPA 701-99 TM#2 Flat RVRC			15
Ultraflex Systems Inc. 365 Franklin Avenue Rockaway, NJ 07866			Tel: 1-(973)-627-8608		Ext:	
			Fax: 1-(973)-627-7022			

Test Category: 701-99 TM2 Flat

Specifier: Building Codes

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1999 Edition - Test Method #2 - Flat Sheet Specimens (** see note on page 2)

SPECIMEN CONFIGURATION: Single Layer; Multi Layer

TESTED: Initially After 72 hours water leaching
 After 3 dry cleanings After 100 hours accelerated weathering
 After 5 launderings @ 160°F

RESULTS: Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0.0	0.0	270
2	0.0	0.0	240
3	0.0	0.0	200
4	0.0	0.0	190
5	0.0	0.0	210
6	0.0	0.0	180
7	0.0	0.0	220
8	0.0	0.0	220
9	0.0	0.0	190
10	0.0	0.0	190

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 645 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

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 1999 Edition Test Method #2 Flat Sheet Specimens.

Heather E. Robertson

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC.
jd RV.5.3.01 3/9/09

(continued on page 2)

Received:03/16/2001	Completed:03/31/2001	Letter: M	rb	P.O.#:	Test Report #:	2-33639-0-RV
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Client's Identification	Product Identification: Ultralon IV - Polyester Scrim PVC Coated Fabric; Color: White; 19.5 oz/yd ² . Product End Use: Decorated sign and billboard faces.
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Tested For: Brian Lynch Ultraflex Systems Inc. 365 Franklin Avenue Rockaway, NJ 07866	Key Test: NFPA 701-99 TM#2 Flat RVRC 15 Tel: 1-(973)-627-8608 Fax: 1-(973)-627-7022	Ext:
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REMARKS:
None.

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

** Note (April 2000):
The NFPA 701 - 1999 Edition supersedes the NFPA 701 - 1996 Edition.

The step-by-step test implementation and test failure criteria are the same for both the 1996 Edition and the 1999 Edition.

Therefore, it is assumed that this 1999 Edition test report will also satisfy any building code which cites the 1996 Edition.

Received:03/16/2001 Completed:03/26/2001 Letter: M1 rb P.O.#: Test Report #: 2-33639-1-RV

Client's Identification Product Identification: Ultralon IV - Polyester Scrim PVC Coated Fabric; Color: White; 19.5 oz/yd². Product End Use: Decorated sign and billboard faces.

Tested For: **Brian Lynch** Key Test: NFPA 701-99 TM#2 Flat WL RVRC 15
 Ultraflex Systems Inc.
 365 Franklin Avenue Tel: 1-(973)-627-8608 Ext:
 Rockaway, NJ 07866 Fax: 1-(973)-627-7022

Test Category: 701-99 TM2 Flat Specifier: Building Codes

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1999 Edition - Test Method #2 - Flat Sheet Specimens (** see note on page 2)

SPECIMEN CONFIGURATION: Single Layer; Multi Layer

TESTED: Initially After 72 hours water leaching
 After 3 dry cleanings After 100 hours accelerated weathering
 After 5 launderings @ 160°F

RESULTS: Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0.0	0.0	250
2	0.0	0.0	225
3	0.0	2.0	280
4	0.0	0.0	260
5	0.0	0.0	300
6	0.0	2.0	260
7	0.0	0.0	260
8	0.0	2.0	300
9	0.0	0.0	270
10	0.0	0.0	280

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 645 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

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 1999 Edition Test Method #2 Flat Sheet Specimens.

Heather E. Robertson

AUTHORIZED SIGNATURE
 THE GOVMARK ORGANIZATION, INC.
 jd RV.5.3.01 3/19/09

Received:03/16/2001	Completed:03/26/2001	Letter: M1	rb	P.O.#:	Test Report #:	2-33639-1-RV
Client's Identification	Product Identification: Ultralon IV - Polyester Scrim PVC Coated Fabric; Color: White; 19.5 oz/yd ² . Product End Use: Decorated sign and billboard faces.					
Tested For: Brian Lynch	Ultraflex Systems Inc. 365 Franklin Avenue Rockaway, NJ 07866				Key Test: NFPA 701-99 TM#2 Flat WL RVRC	15
				Tel: 1-(973)-627-8608	Ext:	
				Fax: 1-(973)-627-7022		

REMARKS:

None.

CONVERSION FACTORS:

mm ÷ 25.4 = inches

g/m² ÷ 28.35 x .835 = oz/yd²

** Note (April 2000):

The NFPA 701 - 1999 Edition supersedes the NFPA 701 - 1996 Edition.

The step-by-step test implementation and test failure criteria are the same for both the 1996 Edition and the 1999 Edition.

Therefore, it is assumed that this 1999 Edition test report will also satisfy any building code which cites the 1996 Edition.

Received: 03/16/2001 Completed: 04/06/2001 Letter: M2 rb P.O.#: Test Report #: 2-33639-2-RV

Client's Identification Product Identification: Ultralon IV - Polyester Scrim PVC Coated Fabric; Color: White; 19.5 oz/yd². Product End Use: Decorated sign and billboard faces.

Tested For: Brian Lynch **Key Test: NFPA 701-99 TM#2 Flat AW RVRC** 15
 Ultraflex Systems Inc.
 365 Franklin Avenue **Tel: 1-(973)-627-8608** **Ext:**
 Rockaway, NJ 07866 **Fax: 1-(973)-627-7022**

Test Category: 701-99 TM2 Flat Specifier: Building Codes

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1999 Edition - Test Method #2 - Flat Sheet Specimens (** see note on page 2)

SPECIMEN CONFIGURATION: Single Layer; Multi Layer

TESTED: Initially After 72 hours water leaching
 After 3 dry cleanings After 100 hours accelerated weathering
 After 5 launderings @ 160°F

RESULTS: Specimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1	0.0	2.0	350
2	0.0	0.0	260
3	0.0	0.0	210
4	0.0	0.0	250
5	0.0	0.0	300
6	0.0	1.0	230
7	0.0	0.0	230
8	0.0	0.0	210
9	0.0	0.0	330
10	0.0	0.0	240

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 645 g/m²

FAILURE CRITERIA: For each individual specimen --

Afterflame	Drip Burn	Char Length
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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 - 1999 Edition Test Method #2 Flat Sheet Specimens.

Scott E. Roberts
 AUTHORIZED SIGNATURE
 THE GOVMARK ORGANIZATION, INC.
 jd RV.5.3.01 3/9/09

(continued on page 2)

Received:03/16/2001	Completed:04/06/2001	Letter: M2	rb	P.O.#:	Test Report #:	2-33639-2-RV
Client's Identification	Product Identification: Ultralon IV - Polyester Scrim PVC Coated Fabric; Color: White; 19.5 oz/yd ² . Product End Use: Decorated sign and billboard faces.					
Tested For: Brian Lynch					Key Test: NFPA 701-99 TM#2 Flat AW RVRC	15
Ultraflex Systems Inc. 365 Franklin Avenue Rockaway, NJ 07866				Tel: 1-(973)-627-8608		Ext:
				Fax: 1-(973)-627-7022		

REMARKS:
None.

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

** Note (April 2000):
The NFPA 701 - 1999 Edition supersedes the NFPA 701 - 1996 Edition.

The step-by-step test implementation and test failure criteria are the same for both the 1996 Edition and the 1999 Edition.

Therefore, it is assumed that this 1999 Edition test report will also satisfy any building code which cites the 1996 Edition.



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

REGISTERED FLAME RESISTANT PRODUCT

Product:

ULTRALON IV

Registration No.

F-77701

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

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.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 205-00-M Vol. II

Report of Material and Equipment Acceptance Division

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

Trade Name – Ultralon IV.

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.

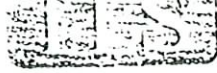
Test Report(s) - Test Report #2-38691-0-(RE) dated January 7, 2002, 2-38691-1 dated January 15, 2002, and 2-38691-2 dated February 4, 2002.

Description –Ultralon IV material for use as flex sign, is a polyester fabric coated with PVC vinyl. It is used for large hanging banners and signs. It can be printed on. The flexsign has 19.5 oz./yd² (ten widths: 3'6" to 16'4").

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 27-501, 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 April 26/2002

Examined By S. Derfhalan



TEST REPORT

GRAFLEX SYSTEMS, INC.
5 Franklin Avenue
Clarkway, NJ. 07866
Attn: John Schleicher, Jr.

REPORT NO. 24815

February 8, 1999

PAGE 25 OF 40

IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE: **ULTRALON IV**

FIRE RESISTANCE
(City of New York)

EVALUATION OF TEST RESULTS

The item submitted DOES meet the above requirements when tested in accordance with Rules for Tests of Fire Resistive, Flameproofed Materials as specified by the City of New York Board of Standards and Appeals under Calendar No. 94-40 S.R.

IF YOU NEED ASSISTANCE IN INTERPRETING THESE TESTS RESULTS
OR IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CALL:
HEATHER ROBERTSON OR EDUARDO PALOMO



Tested By
ITS
Intertek
Testing Services

LABTEST INTERNATIONAL, INC.

Michele Payne
Michele Payne
Technical Supervisor

Test Reference
24815
JG

-continued-



TEST REPORT

PAGE 26 OF 40

REPORT NO. 24815

February 8, 1999

IDENTIFICATION SUBMITTED BY CLIENT1 SAMPLE: **ULTRALON IV**TEST RESULTS

	<u>FLASHING</u>	<u>AFTERFLAME (SECONDS)</u>	<u>AFTERGLOW AT EDGE OF CHAR (SECONDS)</u>
Warp	NO	0.0	0.0
Warp	NO	0.0	0.0
Warp	NO	0.0	0.0
Filling	NO	0.0	0.0
Filling	NO	0.0	0.0
Filling	NO	<u>0.0</u>	<u>0.0</u>
Average:		0.0	0.0

REQUIREMENTS

- No flashing shall occur at any time on the length of the specimen. (Flashing due to fuzz or bad edges may be disregarded).
- Average afterflame shall not exceed three seconds.
- Average afterglow at the edge of the charred area shall not exceed 20 seconds. (Glow confined to the charred area may be disregarded).