

Page 1

2-27841-0-Test Report #: her P.O.#: Received:02/23/2000 Completed:03/03/2000 Letter: Y Ultima Supreme Client's Identification 275 Key Test: NFPA 701-96 TM#2 Flat MEA Tested For: Brian Lynch Ultraflex Systems Inc. Tel: 1-(973)-627-8608 Ext: 365 Franklin Ave Fax: 1-(973)-627-7022 Rockaway, NJ 07866

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1996 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION: [x] Single Layer; [ ] Multi Layer

TESTED:

(x) 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 2 3 4 5 6 7 8	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0	175 185 193 235 235 230 280 250 240
10	0.0	. 0.0	

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark):  $551 \text{ g/m}^2$ 

REMARKS: All specimens are cut in the length direction.

CONVERSION FACTORS: mm ÷ 25.4 = inches

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

FAILURE CRITERIA: For each individual specimen --

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

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

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.

AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. jd



Page 1

Received:02/23/200	0 Completed:03/11/2000	Letter: Y1	her ]	P.O.#:		Test Report #:		2-27841-1
Client's Ultin	na Supreme							
Tested For: Brian	Lynch			Key Te	st: N	FPA 701-96 TM#2 Fl	at WL ME	A 27
	ex Systems Inc.						<b>~</b> .	
365 Fr	anklin Ave					(973)-627-8608	Ext:	
Rocka	way, NJ 07866			Fa	x: 1-	(973)-627-7022		
TEST PERFORMED: Edition - Test	NFPA 701 - Standa Method #2 - Flat Sh	rd Methods of eet Specimens	Fire	Tests for Fla	me R	esistant Textile	s and Fi	lms 1996
SPECIMEN CONFIG	GURATION: [x] Singl	e Layer; [ ]	Multi	. Layer				
TESTED: [ ] I	initially			72 hours wat				
[ ] A	After 3 dry cleaning After 5 launderings		After	: 100 hours ac	cele	rated weathering		
RESULTS:	Afterflame	Drip E	Burn	Char	Leng	rth		
Specimen #	(seconds)	(secon			m)			
1	0.0	0.0	)	2	40			
2	0.0	0.0	)	2	50			
3	0.0	0.0	)	2	30			
4	0.0	0.0	)	2	30			
5	0.0	0.0	)	2	40			
6	0.0	0.0	)	2	55			
7	0.0	0.0		2	30			
	0.0	0.0			70			
8	0.0	0.0			30			
9	0.0	0.0			90			
10								
APPROXIMATE WE	IGHT OF MATERIAL (as	measured by	Govma	rk): 551 g/m	1 <sup>2</sup>			
REMARKS: All	specimens are cut in	the length	direct	ion.				
CONVERSION FAC	TORS: $mm \div 25.4 = i$	Inches	g/m²	÷ 28.35 x .83	35 =	oz/yd²		
FAILURE CRITER	IA: For each indivi	idual specime	n					
Afterflame	1	Orip Burn		Char	Len	gth 		
Exceeds 2.0 se	conds Excee	eds 2.0 secon	ds	Exceeds 43	35 m	m (17.1")		
RETEST PROVISI	ON: Test 5 addition	nal specimens	if on	ly 1 specimen	fai	ls.		
CONCLUSION: B [ x ] Passes;	ased on the above Re	esults and Fa Requires test	ilure ing of	Criteria, the 5 additional	ite	m tested: cimens		
CERTIFICATION: with the proce Specimens.	I certify that the dures and equipment	e above resul specified by	ts wer	e obtained af 701 1996 Edit	ter ion	testing specimens Test Method #2 Fi	s in acce Lat Shee	ordance t
1491	<u>C</u>	_						
AUTHORIZED SIG	NATURE GANIZATION, INC. j	d						



Page 1

2	/2000 Completed:03/21/2000 L	etter: Y2	her 1	P.O.#:	Test Report #:	2-278	41-2-
	100.00						
Client's Ultima Supreme							
Identification				Key Test: 1	NFPA 701-96 TM#2 Flat A	W MEA	1675
Tested For: B				ikej 1000 -			
	ltraflex Systems Inc.			Tel:	I-(973)-627-8608	Ext:	
	65 Franklin Ave				1-(973)-627-7022		
R	ockaway, NJ 07866		-Kuralini	·			ATT HE REPORT
						1 7/1	1006
TEST PERFOR	MED: NFPA 701 - Standard	Methods of	Fire	Tests for Flame	Resistant Textiles	and Films	1996
Edition - T	est Method #2 - Flat Shee	t Specimens					
				: Taver			
SPECIMEN CO	NFIGURATION: [x] Single	Layer; [ ]	Mult	I hayer			
	1 Initially	r 1	Afte	r 72 hours water	leaching		
STED: [	] Initially ] After 3 dry cleanings	[X]	Afte	r 100 hours accel	erated weathering		
l r	After 5 day cleanings						
	,				ath		
RESULTS:	Afterflame	Drip E		Char Ler (mm)	igen		
Specimen #	(seconds)	(secor	nds)	(min)	-1 1		
		0.0	)	260			
1	0.0	0.0		240			
2	0.0	0.0		280			
3	0.0	0.0		230			
5	0.0	0.	0	280			
6	0.0	0.	0	220			
7	0.0	0.		240			
8	0.0	0.		230			
9	0.0	0.		230 240			
10	0.0	0.	U	240			
	T THE CUM OF MARKEDIAL (28	measured by	Govma	ark): 551 g/m <sup>2</sup>			
APPROXIMAT	E WEIGHT OF MATERIAL (as	measured 27					
REMARKS:	All specimens are cut in	the length	direc	tion.			
					/		
CONVERSION	FACTORS: $mm \div 25.4 = ir$	iches	g/m	² ÷ 28.35 x .835	= 02/ya-		
					•:		
FAILURE CR	ITERIA: For each individ	dual specime	en				
- 61	., Di	rip Burn		Char Le	ength		
Afterf	:tame		-				
Exceeds 2	0 seconds Exceed	is 2.0 secon	nds	Exceeds 435	mm (17.1")		
RETEST PRO	OVISION: Test 5 addition	al specimens	s if o	nly 1 specimen is	alls.		
CONCLUSION	N: Based on the above Re	sults and re	ting c	of 5 additional s	pecimens		
[ x ] Pass	ses; [ ] Fails; [ ] R	edurres ces	cing c			98	
CDD#TDTC3	TION: I certify that the	above resu	lts we	ere obtained after	r testing specimens	in accord	ance
CERTIFICA	TION: I certify that the procedures and equipment	specified b	y NFPF	701 1996 Edition	n Test Method #2 Fla	t Sheet	
Specimens							
LLC.	- 1)						
	<u> </u>						
AUTHORIZE	D SIGNATURE						
THE GOVMA	RK ORGANIZATION, INC. jd						

#### TEST REPORT

REPORT NO. 34765

## IDENTIFICATION SUBMITTED BY CLIENT

1 SAMPLE:

ULTIMA SUPREME

#### TEST RESULTS

STATE OF SAMPLE: AS RECEIVED

		-	LENGTH DIRECTI WEIGHT IN	WEIGHT IN	DEDCENM
	AFTERFLAME	BURNING OF DRIPPINGS	GRAMS BEFORE EXPOSURE	GRAMS AFTER EXPOSURE	PERCENT WEIGHT LOSS
Test 1 Test 2 Test 3 Test 4 Test 5 Test 6 Test 7 Test 8 Test 9 Test 10 Average	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 6.2 0.0 0.0 0.0 0.0 0.0 7.7 0.0 1.4	32.24 31.99 32.02 31.19 32.55 32.91 32.24 32.67 32.23 33.04	21.43 20.40 17.49 23.76 19.45 18.11 22.57 18.34 23.32 19.79	33.5 36.2 45.4 23.8 40.2 45.0 30.0 43.9 27.6 40.1

Average Percent Weight Loss for Ten Specimens: 36.6%

### 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.



### 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:

ULTIMA SUPREME

# FIRE RESISTANCE NFPA 701 - Test #1

## EVALUATION OF TEST RESULTS

The fabric submitted for testing <u>DOES</u> 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 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

ITS

Intertek Testing Services LABTEST INTERNATIONAL, INC.

Alma Burrowes

Manager - NY Softlines

-continued-



Test

Reference

34765



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		The second secon	-	TAX WELL SHAPE	D O II		Test Report #:		2-27841-0-
eived:02/2	23/2000	Completed:03/03/2000	Letter: Y	her	P.O.#:		Test Report in		
ent's	45 75 75 75 75 75 75 75	a Supreme							
ntification			ALCOHOLD BY MANY WATER	/W. TOPOS	Ke	y Test:	NFPA 701-96 TM#2 F	lat MEA	275
ted For:	Brian L	.ynch							
		x Systems Inc.				Tel:	1-(973)-627-8608	Ext:	
		nklin Ave				Fax:	1-(973)-627-7022		
	Rockaw	ay, NJ 07866			THE RESERVE THE PARTY OF THE PA	SERVICE PROPERTY.		CONTRACTOR DESCRIPTION	

ST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1996 ition - Test Method #2 - Flat Sheet Specimens

ECIMEN CONFIGURATION: [x] Single Layer; [ ] Multi Layer

(x) Initially STED:

[ ] After 72 hours water leaching

[ ] After 3 dry cleanings

[ ] After 100 hours accelerated weathering

[ ] After 5 launderings @ 160°F

:SULTS: becimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1 2 3 4 5 6 7 8	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	175 185 193 235 235 230 280 250 240 220
10	0.0		

.PPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark):  $551 \text{ g/m}^2$ 

EMARKS: All specimens are cut in the length direction.

CONVERSION FACTORS: mm ÷ 25.4 = inches  $g/m^2 \div 28.35 \times .835 = oz/yd^2$ 

FAILURE CRITERIA: For each individual specimen --

- 01	Drip Burn	Char Length
Afterflame	5225	
	Exceeds 2.0 seconds	Exceeds 435 mm (17.1")
Exceeds 2.0 seconds	Exceeds 2.0 Seconds	

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

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.

AUTHORIZED SIGNATURE



D--- 1

Comparization, Inc.   Completed:03/11/2000   Letter: Y1   her   P.O.#:   Test Report	
Complete	rt #: 2-27841-1-
Sested For: Brian Lynch   Ultraflex Systems Inc.   365 Franklin Ave   Rockaway, NJ 07866   Fax: 1-(973)-627-8608   Fax: 1-(973)-627-7022	
### Ested For: Brian Lynch    Ultraflex Systems Inc.   365 Franklin Ave   Rockaway, NJ 07866	
### STED:   Initially   Single Layer;   After 100 hours accelerated weath   Jafter 5 launderings @ 160°F    ###################################	1#2 Flat WL MEA 27.
365 Franklin Ave	IND I lat II D I late
Fax: 1-(973)-627-7022   Fax: 1-(973)-627-7022	Ext:
EST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Test dition - Test Method #2 - Flat Sheet Specimens  PECIMEN CONFIGURATION: [x] Single Layer; [] Multi Layer  ESTED: [] Initially [x] After 72 hours water leaching [] After 3 dry cleanings [] After 100 hours accelerated weath [] After 5 launderings @ 160°F  ESULTS: Afterflame Drip Burn Char Length (seconds) (mm)  1 0.0 (seconds) (mm)  1 0.0 0.0 240 2 0.0 250 3 0.0 0.0 230 4 0.0 0.0 230 4 0.0 0.0 230 5 0.0 0.0 240 5 0.0 0.0 255 6 0.0 0.0 0.0 255	
### Drip Burn Char Length   Seconds   Constitute   Consti	
### PECIMEN CONFIGURATION: [x] Single Layer; [ ] Multi Layer    ESTED: [ ] Initially	100/
### Drip Burn Char Length    Seconds   Configuration   Configuration   Char Length	ktiles and Films 1996
PECIMEN CONFIGURATION: [x] Single Layer; [ ] Multi Layer  [x] After 72 hours water leaching [ ] After 3 dry cleanings [ ] After 5 launderings @ 160°F   ESULTS: Afterflame Drip Burn Char Length [ pecimen # (seconds) (seconds) (mm)	
ESTED: [ ] Initially [x] After 72 hours water leaching	
[] After 3 dry cleanings [] After 100 hours accelerated weath [] After 5 launderings @ 160°F  ESULTS: Afterflame Drip Burn Char Length (mm)  pecimen # (seconds) (seconds) (mm)  1 0.0 0.0 240  2 0.0 0.0 250  3 0.0 0.0 230  4 0.0 0.0 230  4 0.0 0.0 230  5 0.0 0.0 240  5 0.0 0.0 230  7 0.0 0.0 255	
[] After 3 dry cleanings [] After 100 hours accelerated weath [] After 5 launderings @ 160°F  ESULTS: Afterflame Drip Burn Char Length (mm)  pecimen # (seconds) (seconds) (mm)  1 0.0 0.0 240  2 0.0 0.0 250  3 0.0 0.0 230  4 0.0 0.0 230  4 0.0 0.0 230  5 0.0 0.0 240  5 0.0 0.0 230  7 0.0 0.0 255	
[] After 5 launderings @ 160°F  ESULTS: Afterflame Drip Burn Char Length  pecimen # (seconds) (seconds)  1 0.0 0.0 240  2 0.0 0.0 250  3 0.0 0.0 230  4 0.0 0.0 230  4 0.0 0.0 230  5 0.0 0.0 240  5 0.0 0.0 255  6 0.0 0.0 255  7 0.0 0.0 230	ering
ESULTS: Afterflame	
ESULTS: Afterfidite (seconds) (mm)  pecimen # (seconds) (seconds) (mm)  1	
Decimen # (seconds)	
1 0.0 0.0 240 2 0.0 0.0 250 3 0.0 0.0 230 4 0.0 0.0 230 5 0.0 0.0 240 5 0.0 0.0 255 6 0.0 0.0 230	
1 0.0 0.0 250 2 0.0 0.0 230 3 0.0 0.0 230 4 0.0 0.0 230 5 0.0 0.0 240 5 0.0 0.0 255 6 0.0 0.0 230	
2 0.0 0.0 230 4 0.0 0.0 230 5 0.0 0.0 240 5 0.0 0.0 255 6 0.0 0.0 230	
3 0.0 230 4 0.0 240 5 0.0 0.0 255 6 0.0 0.0 230 7 0.0 0.0 230	
4 0.0 0.0 240 5 0.0 0.0 255 6 0.0 0.0 230 7 0.0 0.0 0.0	
5 0.0 0.0 255 6 0.0 0.0 230	
6 7 0.0 0.0	
7	
3 230	
9 0.0 190	
10 0.0	
APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): $551 \text{ g/m}^2$	
REMARKS: All specimens are cut in the length direction.	
CONVERSION FACTORS: mm ÷ 25.4 = inches $g/m^2 \div 28.35 \times .835 = oz/yd^2$	

FAILURE CRITERIA: For each individual specimen --

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

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

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AUTHORIZED SIGNATURE

THE GOVMARK ORGANIZATION, INC. jd



96D Allen Biva., Farmingdale NY 11735

TEL: (516)293-8944 FAX: (516)293-8956

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2-27841-2-Test Report #: her P.O.#: ceived:02/23/2000 | Completed:03/21/2000 | Letter: Y2 Ultima Supreme ient's entification Key Test: NFPA 701-96 TM#2 Flat AW MEA sted For: Brian Lynch Ultraflex Systems Inc. Tel: 1-(973)-627-8608 Ext: 365 Franklin Ave Fax: 1-(973)-627-7022 Rockaway, NJ 07866 EST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1996

lition - Test Method #2 - Flat Sheet Specimens

PECIMEN CONFIGURATION: [x] Single Layer; [ ] Multi Layer

[ ] After 72 hours water leaching [X] After 100 hours accelerated weathering STED: [ ] Initially [ ] After 3 dry cleanings

[ ] After 5 launderings @ 160°F

ESULTS: pecimen #	Afterflame (seconds)	Drip Burn (seconds)	Char Length (mm)
1 2 3 4 5 6	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	260 240 280 230 280 220 240 230
8 9 10	0.0 0.0 0.0	0.0 0.0 0.0	230 240

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 551 g/m<sup>2</sup>

REMARKS: All specimens are cut in the length direction.

 $g/m^2 \div 28.35 \times .835 = oz/yd^2$ CONVERSION FACTORS: mm ÷ 25.4 = inches

FAILURE CRITERIA: For each individual specimen --

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

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AUTHORIZED SIGNATURE THE GOVMARK ORGANIZATION, INC. jd