



Received:09/02/2015 Completed:09/04/2015 Letter: N AM P.O.#: Test Report #: 3-09579-0-

Client's Identification Style: Acoustically Transparent. Composition: 30% Polyester, 70% PVC. Weight: 500g/m<sup>2</sup>. Thickness: 0.64mm. Product End Use: Front projection screen material. (see continuation)

Tested For: **Jaime Abrego** Key Test: NFPA 701-2015 TM#1 225  
 Elite Screens, Inc.  
 12282 Knott St. Tel: 1-(562)-483-8198 Ext: 201  
 Garden Grove, CA 92841 Fax: 1-(562)-483-8498

CLIENT'S IDENTIFICATION (continuation): Additional Information: AcousticPro UHD  
 LE:2015 NE:2019 V:01/15 PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2015 Edition - Test Method #1

PRODUCT CONFIGURATION:  Single Layer;  Multi Layer

RESULTS REPORTED:  Initially;  After 3 dry cleanings;  After 5 launderings @ 160°F

RESULTS:

Specimen #	Afterflame* (seconds)	Flaming Drip (seconds)	Weight Loss (percent)
1	0.0	0	6.5
2	0.0	0	5.9
3	0.0	0	5.2
4	20.6	0	25.8
5	0.0	0	7.1
6	7.1	0	5.2
7	0.0	0	5.1
8	11.4	0	8.4
9	0.0	0	5.8
10	0.0	0	7.8
	Mean:	0	Mean: 8.3

STATISTICAL VALUES: SD = 6.3 3 SD = 18.8 Mean + 3 SD = 27.1

ABBREVIATIONS USED: SD = Standard deviation. NT = Not tested.

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 511 g/m<sup>2</sup>

PRECONDITIONING:  0.5 hr @ 220°F (Standard)  
 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

CONVERSION FACTOR: g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup>

NOTE:

1. All specimens prepared in the length direction.
2. See addendum for individual specimen weights.



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Tested For: <b>Jaime Abrego</b>	Elite Screens, Inc. 12282 Knott St. Garden Grove, CA 92841				Key Test: NFPA 701-2015 TM#1	225
				Tel: 1-(562)-483-8198	Ext: 201	
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REMARKS:

- Flames did not project above the top of the specimen.
- Flames projected above the top of the specimen; Specimen #'s \_\_\_\_\_
- Other: Test Method 1 conducted at client's request

FAILURE CRITERIA: As cited by NFPA 701 - 2015 Edition Test Method #1

Afterflame	Flaming Drip (Mean)	Weight Loss (percent)	
		Mean	Individual Specimen
*	Exceeds 2 seconds	Exceeds 40%	Exceeds Mean + 3 SD**

CONCLUSION: Based on the Results on page 1 and the above Failure Criteria cited by NFPA 701 - 2015 Edition Test Method #1, the item tested:

- Passes;  Fails;  Requires testing of 10 additional specimens  
i.e. only one individual specimen failure was noted

\* Afterflame is required to be recorded; however, the NFPA document does not factor it into the Failure Criteria reporting requirements. It should be noted that excessive afterflames could be cause for rejection by local fire authorities performing "match" field tests.

\*\* See "Discussion" on Page 3.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2015 Edition Test Method #1.

MS. PHYLLIS PETTIT

SEP 25 2015

AUTHORIZED SIGNATURE  
 GOVMARK

/bg /gb



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\*\* DISCUSSION:

Weight Loss - Individual Specimen Failure:

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 The NFPA 701 document, as written, provides for a statistical calculation which provides for retest and a potential failure if any individual value exceeds the mean by three standard deviations. Govmark is of the opinion that this cannot mathematically occur, i.e. no individual result is mathematically capable of exceeding the mean plus three standard deviations. Therefore, in effect, Govmark is of the opinion that this "individual specimen criteria" has no meaning, since it cannot possibly result in a nonconformance.

Client Name : Elite Screens, Inc.  
Addendum to Test Report # : 3-09579-0-  
Test : NFPA 701

<u>Specimen #</u>	<u>Weight Before Test ( g )</u>	<u>Weight After Test ( g )</u>	<u>Percent Weight Loss</u>
1	31.00	29.00	6.5
2	30.60	28.80	5.9
3	31.00	29.40	5.2
4	31.00	23.00	25.8
5	30.80	28.60	7.1
6	30.80	29.20	5.2
7	31.20	29.60	5.1
8	31.00	28.40	8.4
9	31.00	29.20	5.8
10	30.80	28.40	7.8

Mean Percent Weight Loss : 8.3  
Standard Deviation : 6.3  
3 x Standard Deviation : 18.8  
Mean + 3 x Standard Deviation : 27.1