



Received: 09/14/2012	Completed: 09/18/2012	Letter: F	rb	P.O.#: SA10034	Test Report #:	2-93806-0-
----------------------	-----------------------	-----------	----	----------------	----------------	------------

Client's Identification	Style: Mosaic. Content: 100% Polyester. Width: 72" .. End Use: Cubicle Curtain.
-------------------------	---

Tested For: Martha Boynton Design/Craft Fabric Corp. 2230 Ridge Drive Glenview, IL 60025	Key Test: NFPA 701-2010 TM#1 5L 265 Tel: 1-(847)-904-7000 Fax: 1-(847)-904-7102	Ext: 128
--	--	-----------------

PC: 0.5H DL/jd

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2010 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	2.1	22.5
2	0	0.0	19.5
3	0	0.0	19.0
4	0	3.2	22.4
5	0	0.0	18.9
6	0	0.0	22.6
7	0	0.0	10.2
8	0	0.0	9.8
9	0	0.0	16.2
10	0	0.0	16.0
	Mean: 0.5	Mean: 17.7	

STATISTICAL VALUES: SD = 4.7 3 SD = 14.1 Mean + 3 SD = 31.8

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

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 217 g/m²

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

CONVERSION FACTOR: g/m² ÷ 28.35 x .835 = oz/yd²

NOTE:

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



Received:09/14/2012	Completed:09/18/2012	Letter: F	rb	P.O.#: SA10034	Test Report #:	2-93806-0-
Client's Identification	Style: Mosaic. Content: 100% Polyester. Width: 72".. End Use: Cubicle Curtain.					
Tested For: Martha Boynton Design/Craft Fabric Corp. 2230 Ridge Drive Glenview, IL 60025				Key Test: NFPA 701-2010 TM#1 5L		265
				Tel: 1-(847)-904-7000		Ext: 128
				Fax: 1-(847)-904-7102		

REMARKS:

- ☒ Flames did not project above the top of the specimen.
☐ Flames projected above the top of the specimen; Specimen #'s _____
☐ Other: _____

FAILURE CRITERIA: As cited by NFPA 701 - 2010 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 - 2010 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 (15 seconds or more) 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 - 2010 Edition Test Method #1.

AUTHORIZED SIGNATURE
THE GOVMARK ORGANIZATION, INC. /mg

Robert I. Brown

/gb

SEP 21 2012



Received:09/14/2012	Completed:09/18/2012	Letter: F	rb	P.O.#: SA10034	Test Report #:	2-93806-0-
Client's Identification	Style: Mosaic. Content: 100% Polyester. Width: 72".. End Use: Cubicle Curtain.					
Tested For: Martha Boynton			Key Test: NFPA 701-2010 TM#1 5L			265
Design/Craft Fabric Corp.			Tel: 1-(847)-904-7000			Ext: 128
2230 Ridge Drive			Fax: 1-(847)-904-7102			
Glenview, IL 60025						

** DISCUSSION:

Weight Loss - Individual Specimen Failure:

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.