



The

**Govmark**

Organization, Inc.

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Received: 09/26/2005 Completed: 09/27/2005 Letter: Q rb P.O.#: Test Report #: 2-59476-0

Client's Identification Style: Pebbles. Content: 100% Poly FR

Tested For: **Charles Cox** Key Test: NFPA 701-2004 TM#1 150  
 Northeast Textiles, Inc. Tel: 1-(800)-214-9932 Ext:  
 759 E Lincoln Avenue Fax: 1-(732)-815-1918  
 Rahway, NJ 07065

FC: 0.5H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films - 2004 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)	Flame Projects Above Top Of Specimen (yes/no)
1	0	0	7.8	No
2	0	0	31.3	No
3	0	0	17.4	No
4	0	0	10.3	No
5	0	0	27.6	No
6	0	0	12.4	No
7	0	0	20.0	No
8	0	0	18.1	No
9	0	0	4.3	No
10	0	0	16.9	No
		Mean: 0	Mean: 16.6	

STATISTICAL VALUES: SD = 8.4 3 SD = 25.2 Mean + 3 SD = 41.9

ABBREVIATIONS USED: SD = Standard deviation.

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 199 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:

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

REMARKS: None.



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FAILURE CRITERIA: As cited by NFPA 701 - 2004 Edition Test Method #1 (see Comments on page 3)

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 - 2004 Edition Test Method #1, the item tested:

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

REVISED FAILURE CRITERIA (see Comments on page 3):

Afterflame	Flaming Drip Mean	Weight Loss		Flame Height (Individual Specimen)
		Mean	Ind. Spec.	
*	Exceeds 2 seconds	Exceeds 40%	Exceeds 50%	Projects above top of specimen

CONCLUSION: Based on the Results on page 1 and the above Revised Failure Criteria, 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.

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified by NFPA 701 - 2004 Edition Test Method #1 with additional recording of flame height.

*[Signature]*  
 AUTHORIZED SIGNATURE  
 THE GOVMARK ORGANIZATION, INC. /jd