



CERTIFICATE OF TESTING

For The Account Of: **Carnegie**
 110 N. Centre Avenue
 Rockville Centre, NY 11570
 Contact: Myrna Rosen

DATE: April 15, 2003 CERTIFICATE (ORDER) NO.: 10204

CLIENT'S IDENTIFICATION: 5400 / 117 Chamois Unbacked

Test Performed: **NFPA 701 - Standard Methods of Fire Tests for
 Flame Resistant Textiles and Films - 1999 Edition - Test #1**

CERTIFICATION: The textile sample named above was tested and
PASSED the NFPA 701 Test #1 - 1999.

A.C.T. Standard: Drapery - *Must Pass*

This laboratory test is not intended to reflect fabric performance under actual fire conditions. The certification procedure merely measures the performance of samples under the predetermined and specific test conditions prescribed by the standard specified. This certificate applies only to the standards or processing identified and to the random sample(s) tested. The test results are representative of the qualities of the piece or lot only to the extent the sample tested is representative of the piece or lot. Our reports and letters are for the exclusive use of the customer to whom they are addressed, and the name and the corporation names above or its seals or insignia are not to be used under any circumstances without our prior written approval. Samples will not be retained, unless specified by the customer. Retained samples will be kept a maximum time of one year unless a specific retention period is necessary.

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 # 1 Procedure.

Sallie Cotey
 Sallie Cotey, Laboratory Manager
 Applied Textiles Lab Services

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DATA SHEET

Product Configuration: (x) Single Layer () Multi Layer

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

Specimen #	Initial Mass(g)	Final Mass(g)	% Weight Loss	Flaming Drip Seconds	Afterflame Seconds
1	16.3	13.0	20%	1	0
2	15.8	13.4	15%	0	0
3	15.6	13.2	15%	1	0
4	15.9	13.4	16%	0	0
5	15.8	13.3	16%	0	0
6					
7					
8					
9					
10					
AVG	15.9	13.3	16%	0.4	0.0

Afterflame is required to be recorded; however, it is not factored into the Failure Criteria

Approximate weight (oz./sq. yd): 7.560

SD = Standard Deviation

3 SD = Mean + 3 SD = g/m / (divided) x .835 = oz/yd

PERFORMANCE CRITERIA:

- 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. (Flaming Drip)
- Where the average weight loss of the 10 specimens in a sample is greater than 40 percent, the material shall be recorded as failing.
- Individual specimens will be listed as a failure if it exceeds mean + 3 SD
- Where the specimens do not demonstrate performance in accordance with either of the conditions indicated above, the material shall be recorded as passing this test and shall be designated as flame resistant.

CONCLUSION: Based on the above Results and Performance Criteria, the item tested:

Passes

Fails

Testing of 10 additional specimens is required