



Received: 09/02/2010 Completed: 09/08/2010 Letter: U her P.O.#: Test Report #: 2-84462-0-

Client's Identification Style: Ultramesh 100. Content: Polyester. Finish: PVC. Weight: 10oz/yd<sup>2</sup>. End Use: Mesh Banners & Signs.

Tested For: **Jaime L. Giannantonio** Key Test: NFPA 701-2010 TM#2 Flat 340  
Ultraflex Systems Inc.  
1578 Sussex Tpk., Bldg. #4  
Randolph, NJ 07869  
Tel: 1-(973)-664-6724 Ext:  
Fax: 1-(973)-627-8506

PC:1H

TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films  
- 2010 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION: ☒ Single Layer; ☐ Multi Layer

RESULTS REPORTED: ☒ Initially ☐ After 72 hours water leaching  
☐ After 3 dry cleanings ☐ After 100 hours accelerated weathering  
☐ After 5 launderings @ 160°F

RESULTS:

| Length<br>Specimen # | Afterflame<br>(seconds) | Drip Burn<br>(seconds) | Char Length<br>(mm) |
|----------------------|-------------------------|------------------------|---------------------|
| 1                    | 0                       | 0.0                    | 150                 |
| 2                    | 0                       | 0.0                    | 160                 |
| 3                    | 0                       | 2.0                    | 170                 |
| 4                    | 0                       | 0.0                    | 170                 |
| 5                    | 0                       | 0.0                    | 140                 |
| 6                    | 0                       | 0.0                    | 190                 |
| 7                    | 0                       | 0.0                    | 140                 |
| 8                    | 0                       | 0.0                    | 160                 |
| 9                    | 0                       | 0.0                    | 150                 |
| 10                   | 0                       | 0.0                    | 140                 |

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 243 g/m<sup>2</sup>

FAILURE CRITERIA: For each individual specimen --

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

RETEST PROVISION: Test 5 additional specimens if only 1 specimen fails.

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

☒ 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 - 2010 Edition Test Method #2 Flat Sheet Specimens.

*Heather E. Robitello*

AUTHORIZED SIGNATURE

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| Tested For: <b>Jaime L. Giannantonio</b>  |  |           | Key Test: NFPA 701-2010 TM#2 Flat              |        | 340            |            |
| Ultraflex Systems Inc.<br>1578 Sussex Tpk., Bldg. #4<br>Randolph, NJ 07869  |  |           | Tel: 1-(973)-664-6724<br>Fax: 1-(973)-627-8506 |        | Ext:           |            |
| <p>PRECONDITIONING:    <input checked="" type="checkbox"/> 1 hr @ 220°F (Standard)<br/>                                    <input type="checkbox"/> 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)</p> <p>REMARKS: Client requested that the restraining clamp binder clips be eliminated to replicate the provisions of the 1996 Test Method #1 version of this document.</p> <p>CONVERSION FACTORS:<br/> mm ÷ 25.4 = inches<br/> g/m<sup>2</sup> ÷ 28.35 x .835 = oz/yd<sup>2</sup></p> |  |           |  |        |                |            |

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|                     |                      |            |     |        |                |            |
|---------------------|----------------------|------------|-----|--------|----------------|------------|
| Received:09/02/2010 | Completed:09/13/2010 | Letter: U1 | her | P.O.#: | Test Report #: | 2-84462-1- |
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|                         |  |
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|-------------------------|--|

|  |  |      |
|--|--|------|
| Tested For: <b>Jaime L. Giannantonio</b><br>Ultraflex Systems Inc.<br>1578 Sussex Tpk., Bldg. #4<br>Randolph, NJ 07869 | Key Test: NFPA 701-2010 TM#2 Flat WL 490<br><br>Tel: 1-(973)-664-6724<br>Fax: 1-(973)-627-8506 | Ext: |
|--|--|------|

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RESULTS REPORTED: ☐ Initially ☒ After 72 hours water leaching  
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RESULTS:

| Length<br>Specimen # | Afterflame<br>(seconds) | Drip Burn<br>(seconds) | Char Length<br>(mm) |
|----------------------|-------------------------|------------------------|---------------------|
| 1                    | 0                       | 0                      | 140                 |
| 2                    | 0                       | 0                      | 130                 |
| 3                    | 0                       | 0                      | 160                 |
| 4                    | 0                       | 0                      | 120                 |
| 5                    | 0                       | 0                      | 210                 |
| 6                    | 0                       | 0                      | 110                 |
| 7                    | 0                       | 0                      | 140                 |
| 8                    | 0                       | 0                      | 160                 |
| 9                    | 0                       | 0                      | 130                 |
| 10                   | 0                       | 0                      | 200                 |

APPROXIMATE WEIGHT OF MATERIAL (as measured by Govmark): 243 g/m<sup>2</sup>

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*Heather E. Robertson*

AUTHORIZED SIGNATURE

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