# applied lab

For the Account of:

Vescom America Inc. 2289 Ross Mill Road Henderson NC 272537



Date of Issue: 2/8/2023 Report Number: 23-000335 Revision Number:1 Date Order Received: 02/06/2023

Client's Identification:

Ponza

# **CERTIFICATE** OF TESTING

TEST PERFORMED: Flame Tests of Flame-Resistant Fabrics and Film CAN/ULC S109-14 Flat Testing Method

# TEST RESULTS

Small Flame Test	Specimen	After Flame (s)	Flaming Drip (s)	Char Length (mm)
	1	0.0	0.0	94
	2	3.0	0.0	98
	3	5.0	0.0	90
	4	6.0	0.0	94
	5	8.0	0.0	90
	6	0.0	0.0	74
	7	0.0	0.0	85
	8	0.0	0.0	73
	9	0.0	0.0	68
	10	0.0	0.0	82
	Average	2.2	0.0	85
Large Flame Test	Specimen	After Flame (s)	Flaming Drip (s)	Char Length (mm)
	1	0.0	0	160
	2	0.0	0	160
	3	0.0	0	155
	4	0.0	0	162
	5	0.0	0	154
	6	0.0	0	150
	7	0.0	0	152
	8	0.0	0	154
	9	0.0	0	150
	10	0.0	0	134

Approximate weight (oz./sq. yd): 521

#### Tested:

⊠ Initially	☐ After water leaching
☐ After laundering	After scrubbing
□ After dry cleaning	□ After accelerated weathering

## ACCEPTANCE CRITERIA

#### Small Flame Test:

- 1. Portions or residue of the material (flaming drip) which break or drip from the test specimens shall not continue to flame for more than 2 seconds on the floor of the test cabinet
- 2. The vertical spread of the flame and afterglow on the material as indicated by the damaged length (char length) shall not exceed:
  - a. Maximum Average Length: 165mm (6.5 inches)
    - b. Maximum Individual Length: 190mm (7.5 inches)

#### Large Flame Test:

- 1. Portions or residues of the material (flaming drip) which break or drip from the test specimens shall not continue to flame for more 2 seconds on the floor beneath the test enclosure
- 2. The surface spread of flame shall not exceed 635mm (25 inches) above the tip of the test flame in folded specimens and 250mm (10 inches) in flat specimens.

### 553 76th Street, Byron Center, MI 49315 P: 616-559-6123 E: testlab@applied-lab.com

Page 1 of 2

than

This laboratory test is not intended to reflect fabric performance under actual conditions. The certification procedure merely measures the performance of samples as received 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 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.

CONCLUSION

Based on the above Results and Acceptance Criteria, the item tested: ⊠ Complies □ Does Not Comply

**CERTIFICATION** I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

Berta Stiver

Authorized Signature

Date Order Completed: 02/08/2023

553 76th Street, Byron Center, MI 49315

P: 616-559-6123 E: testlab@applied-lab.com

Page 2 of 2

This laboratory test is not intended to reflect fabric performance under actual conditions. The certification procedure merely measures the performance of samples as received under the predetermined and specific test conditions prescribed by the standard specific. 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 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 or lot.

Our reports and letters are for the exclusive use of the customer to whom they are addressed and they and the corporation named on the reverse are not to be used under any circumstances without 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.