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MOLO DESIGN, LTD.
TEST REPORT

SCOPE OF WORK
NFPA 701-2019, METHOD 1 - STANDARD METHODS OF FIRE TESTS FOR FLAME PROPAGATION OF TEXTILES WITH AREAL DENSITIES LESS THAN OR EQUAL TO 700 G/M^2

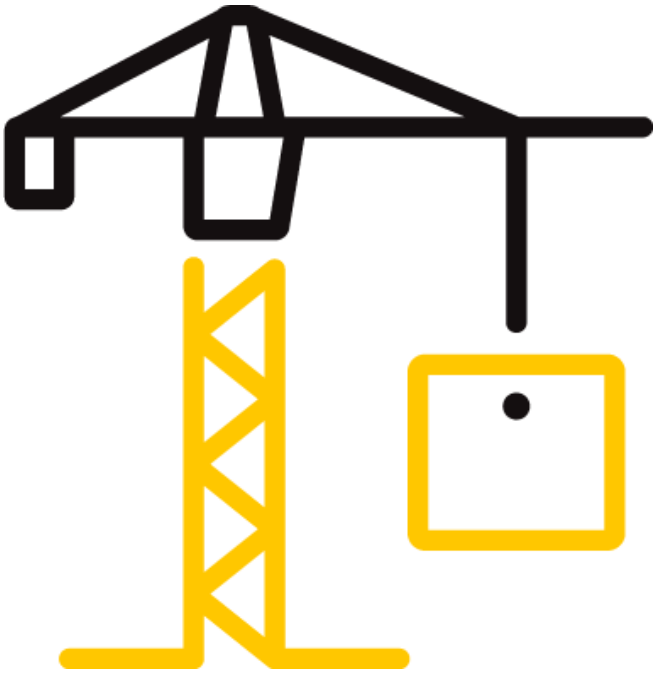
REPORT NUMBER
K1072.01-121-24-R1

TEST DATE(S)
08/30/19

ISSUE DATE **REVISION DATE**
09/06/19 04/23/24

PAGES
5

DOCUMENT CONTROL NUMBER
RT-R-AMER-Test-4098 (02/27/19)



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MOL130 Derry Court
York, Pennsylvania 17406

Telephone: 717-764-7700
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR MOLO DESIGN, LTD.
Report No.: K1072.01-121-24-R1
Date: 09/06/19
Revision Date: 04/23/24

REPORT ISSUED TO

MOLO DESIGN LTD.
1470 Venables St.
Vancouver, British Columbia V5L 2G7
Canada

SECTION 1

SCOPE

Intertek Building & Construction (B&C) was contracted by Molo Design, Ltd., Vancouver, British Columbia to perform testing in accordance with NFPA 701-2019, Method 1 Standard Methods of Fire Tests for Flame Propagation of Textiles with areal densities less than or equal to 700 g/m^2, on FR treated Dupont®Tyvek™. Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at Intertek testing facility in York, Pennsylvania.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. Intertek B&C will service this report for the entire test record retention period. The test record retention period ends four years after the test date. Test records, such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation, will be retained for the entire test record retention period.

SECTION 2

SUMMARY OF TEST RESULTS

No specimen had an average weight loss greater than forty percent (40%). The percent weight loss each individual specimen did not exceed the mean percent weight loss value. There was no flaming on floor of apparatus lasting longer than two seconds.

The specimens met the specified performance requirements.

For INTERTEK B&C:

COMPLETED BY:	Scott Gingrich	**REVIEWED BY:**	Ethan Grove
TITLE:	Manager - Mobile Fire Apparatus Testing	**TITLE:**	Sr. Regional Manager
SIGNATURE:	Digitally Signed for:Scott Gingrich by Dottie Rushing	**SIGNATURE:**	Digitally Signed for: Ethan Grove by Dottie R. Rushing
DATE:	04/23/24	**DATE:**	04/23/24

SDG:ddr

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SECTION 3
TEST METHOD(S)

The specimens were evaluated in accordance with the following:

> **NFPA 701-2019**, *Standard Methods of Fire Tests for Flame Propagation of Textiles and Films Method 1*

SECTION 4
MATERIAL SOURCE

Test samples were provided by the client.

SECTION 5
EQUIPMENT

EQUIPMENT		
ASSET No.:	**DESCRIPTION:**	**CALIBRATION DUE:**
65100	Stopwatch -	**08/07/2020**
64989	Gauge	**10/02/2019**
INT00024	Scale -	**04/02/2020**
63521	Flowmeter -	**04/02/2020**
65411	Temp/Humid Reader -	**05/28/2020**

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SECTION 6
TEST PROCEDURE

Testing was conducted in accordance with Chapters 4-10; Flame Test Procedures for Test Method 1.

SECTION 7
TEST SPECIMEN DESCRIPTION

10 samples of FR treated Dupont® Tyvek™ were tested. The material has a color of white and had an areal density of less than 700 g/m^2. The specimens were 6 in. wide x 16 in. long.

SECTION 8
TEST RESULTS

Sample	Weight Before (g)	Weight After (g)	Weight Loss (%)	After Flame (sec)	Floor Flame (sec)
1	4.8	4.7	2.1%	0	0
2	4.8	4.7	2.1%	0	0
3	4.8	4.8	0.0%	0	0
4	4.8	4.7	2.1%	0	0
5	4.8	4.8	0.0%	0	0
6	4.8	4.7	2.1%	0	0
7	4.8	4.7	2.1%	0	0
8	4.7	4.6	2.1%	0	0
9	4.9	4.8	2.0%	0	0
10	4.8	4.8	0.0%	0	0
Average	4.8	4.73	1.5%	0	0

Standard deviation of % Weight Loss	1.0%
Mean Value plus 3 standard deviations	4%

SECTION 9
CONCLUSION

The specimens met the specified performance requirements.

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SECTION 10
REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	09/06/19	N/A	Original Report Issue
1	04/23/24	2 & 4	Corrected Spelling of Company Name, Updated Product Name