



**DIVERSIFIED**  
**TESTING LABORATORIES, INC.**  
 WORLDWIDE SERVICE

“We Test Per Your Request”

336 WEST FRONT STREET  
 P.O. BOX 4004  
 BURLINGTON, NORTH CAROLINA 27215  
 PHONE (336) 227-7710 • FAX (336) 227-1175  
 www.diversifiedtestinglabs.com

December 19, 2017

Mr. Nathan Wintermute  
 MERMET  
 5970 N. Main Street  
 Cowpens, SC 29330

Reference: Laboratory Test Report  
 Lab Identification No. 28498  
 Invoice No. 59657

Dear Mr. Wintermute:

One (1) fabric sample, identified as **M-SCREEN 1%**, was received and tested in accordance with the National Fire Protection Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2015 Edition, (Test 1, Small Scale)". The results are as follows:

<u>Specimen Number</u>	<u>Test Results</u>	
	<u>Residual Flame</u> (seconds)	<u>Weight Loss</u> (percent)
1	0.0	11.97
2	0.0	10.70
3	0.0	13.33
4	0.0	14.72
5	0.0	12.47
6	0.0	9.80
7	0.0	9.56
8	0.0	14.09
9	0.0	11.99
<u>10</u>	<u>0.0</u>	<u>9.97</u>
AVG	0.0	11.86

The fabric sample submitted **meets** the minimum requirements of the above standard. The average percent weight loss cannot exceed 40% and the weight loss of individual specimens cannot exceed mean value plus three standard deviations. The average residual flame cannot exceed 2.0 seconds.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Brian S. Dement

BSD/mr





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December 2, 2015

Ms. Ali Fisher  
 MERMET  
 5970 N. Main Street  
 Cowpens, SC 29330

Reference: Laboratory Test Report  
 Lab Identification No. 17685  
 Invoice No. 48540 (Attached)

Dear Ms. Fisher:

One (1) fabric sample, identified as **M SCREEN 3%**, was received and tested in accordance with the National Fire Protection Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2015 Edition, (Test 1, Small Scale)". The results are as follows:

<u>Specimen Number</u>	<u>Residual Flame</u> (seconds)	<u>Weight Loss</u> (percent)
1	0.0	9.17
2	0.0	5.91
3	0.0	5.40
4	0.0	6.67
5	0.0	5.37
6	0.0	6.35
7	0.0	6.86
8	0.0	5.41
9	0.0	8.24
10	0.0	6.02
AVG.	0.0	6.54

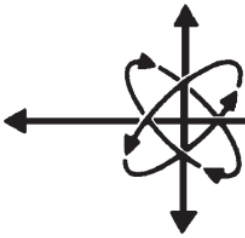
The sample submitted meets the minimum requirements of the above standard. The average percent weight loss cannot exceed 40% and the weight loss of individual specimens cannot exceed mean value plus three standard deviations. The average residual flame cannot exceed 2.0 seconds.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Bobby E. Puett

BEF/mr  
 Attachment



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March 29, 2019

Mr. Nathan Wintermute  
MERMET  
5970 N. Main Street  
Cowpens, SC 29330

Reference: Laboratory Test Report  
Lab Identification No. 35163  
Invoice No. 66375

Dear Mr. Wintermute:

One (1) sample, identified as **M SCREEN™ 5%**, was received and tested in accordance with the National Fire Protection Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2019 Edition, (Test 1)". The results are as follows:

<u>Specimen Number</u>	<u>Test Results</u> <u>Residual Flame</u> (seconds)	<u>Weight Loss</u> (percent)
1	0.0	2.06
2	0.0	0.91
3	0.0	2.57
4	0.0	0.72
5	0.0	2.97
6	0.0	1.57
7	0.0	2.78
8	0.0	2.28
9	0.0	2.76
<u>10</u>	<u>0.0</u>	<u>0.94</u>
AVG	0.0	1.96

The fabric sample submitted **meets** the minimum requirements of the above standard. The average percent weight loss cannot exceed 40% and the weight loss of individual specimens cannot exceed mean value plus three standard deviations. The average residual flame cannot exceed 2.0 seconds.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Brian S. Dement

BSD/mr

