



**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

July 17, 2017

MARLEN TEXTILES  
 500 Orchard Street  
 New Haven, MO 63068

Reference: Laboratory Test Report  
 Lab Identification No. 26046  
 Invoice No. 57205

Dear Sir or Madam:

One (1) fabric sample, identified as **TOP NOTCH FR**, was received and tested in accordance with CAN/ULC-S109-14, "Standard for Flame Tests of Flame-Resistant Fabrics and Films", Small-Flame Test. The results are as follows:

<u>Specimen Number</u>	<u>Test Results</u>		<u>Damaged Length (mm)</u>	
	<u>Residual Flame (sec)</u>		<u>Warp</u>	
	<u>Warp</u>	<u>Fill</u>	<u>Warp</u>	<u>Fill</u>
1	0.0	0.0	86	100
2	0.0	0.0	97	90
3	0.0	0.0	95	97
4	0.0	0.0	78	101
5	0.0	0.0	92	116
Avg.			95	

The fabric sample submitted **meets** the minimum requirements of the Small-Flame Test. The maximum average damaged length shall not exceed 165 millimeters and the maximum damaged length for any individual specimen shall not exceed 190 millimeters. No residues shall fall to the floor of the test chamber and continue flaming for more than two (2) seconds at any time during the test.

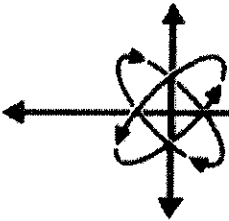
If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Brian S. Dement

BSD/mr





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Invoice No. 57205

Dear Sir or Madam:

One (1) fabric sample, identified as **TOP NOTCH FR**, was received and tested in accordance with CAN/ULC-S109-14, “Standard for Flame Tests of Flame-Resistant Fabrics and Films”, Large-Flame Test. The results are as follows:

<u>Specimen Number</u>	<u>Residual Flame (Seconds)</u>	<u>Char Length (Millimeters)</u>
Length 1	0.0	140
Length 2	0.0	102
Width 1	0.0	102
Width 2	0.0	152

The fabric sample submitted **meets** the minimum requirements of the Large-Flame Test. The length of char on the individual folded specimens shall not exceed 635 millimeters. No residues shall fall to the floor of the test chamber and continue flaming for more than two (2) seconds at any time during the test.

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

Sincerely,

Brian S. Dement

BSD/mr

