

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

September 20, 2016

MARLEN TEXTILES
500 Orchard Street
New Haven, MO 63068

Reference: Laboratory Test Report
Lab Identification No. 21688
Invoice No. 52839

Dear Sir or Madam:

One (1) fabric sample, identified as **TOP GUN FR LITE**, 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	109	103
2	0.0	0.0	105	85
3	0.0	0.0	111	98
4	0.0	0.0	96	86
5	0.0	0.0	114	97
Avg.			100	

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.

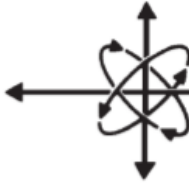
If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Brian S. Dement

BSD/pd





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Lab Identification No. 21688
Invoice No. 52839

Dear Sir or Madam:

One (1) fabric sample, identified as TOP GUN FR LITE, 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	267
Length 2	0.0	241
Width 1	0.0	254
Width 2	0.0	292

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/pd

