

Fire Test Certificate – Specimen

Fabric: Mercury
Type: NFPA 701

J&C Joel 
Inspiration in every performance



May 27, 2021

Reference: Laboratory Test Report
Lab Identification No. 45854
Invoice No. 77111

One (1) fabric sample, identified as **6904/6905 VENUS**, 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	17.32
2	0.0	15.93
3	0.0	14.95
4	0.0	19.73
5	0.0	16.31
6	0.0	14.74
7	0.0	21.97
8	0.0	14.41
9	0.0	19.55
10	0.0	20.71
AVG	0.0	17.56

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,



Brian S. Dement

BSD/mr



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One (1) fabric sample, identified as **6904/6905 VENUS**, was received and tested in accordance with the National Fire Prevention Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2019 Edition, (Test 2, Folds Configuration)". The results are as follows:

Test Results

<u>Specimen Number</u>	<u>After Flame (seconds)</u>	<u>Residual Flame (seconds)</u>	<u>Char Length (inches)</u>
1	0.0	0.0	10.0
2	0.0	0.0	8.5
3	0.0	0.0	11.0
4	0.0	0.0	9.5

The fabric sample submitted **meets** the minimum requirements of the above standard. The length of char on the individual folded specimens shall not exceed 41.3 inches. Additionally, no specimen shall continue flaming for more than two (2) seconds after the test flame is removed and 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

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