

FAR 25.853(a) VERTICAL
FABRIC FLAMMABILITY TESTING (12 SEC.)
FOR
SAFETY COMPONENTS FABRICS TECHNOLOGIES, INC.
ON
8 OZ, OTTOMAN WEAVE, SOLUTION DYED POLYESTER WITH FR
POLYURETHANE COATED BACK SIDE, WITH DWR FACE SIDE FINISH, BLACK
VTEC #100-4915-2
TESTED: APRIL 24, 2015



VTEC Laboratories Inc.

April 24, 2015

Client: Safety Components Fabrics Technologies
30 Emery Street, Dock 5 Hutchins Street
Greenville, SC 29605

Attention: Lon Beasley

I. SCOPE:

This report contains the reference to the test method, passing criteria, sample description, and test results.

II. TEST METHOD:

This test was conducted in accordance with the FAR 25.853(a), Appendix F, Part I (a)(1)(ii) 12 Second Vertical Flammability specification for fabrics.

III. PASSING CRITERIA:

Fabrics, tested in both the weft and warp directions, must have an average burn length not exceeding 8 inches, an average after flame time not exceeding 15 seconds, and any drippings may not continue to flame for more than an average of 5 seconds after falling.

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IV. SAMPLE DESCRIPTION:

- 1) Manufacturer: Safety Components Fabrics Technologies, Inc.
- 2) Product Description: 8 oz, ottoman weave, solution dyed polyester with Fr polyurethane coated back side, with dwr face side finish, Black
- 3) Color: Black
- 4) Number of Specimens: 3 Weft Direction, 3 Warp Direction
- 5) Material Description: By Manufacturer
- 6) Date of Selection: April 23, 2015
- 7) Sample Mounting Method: Vertically in a metal frame with the two long edges and the upper edge secured, exposing a 2" x 12" area.
- 8) Conditioning: 70°F and 50% RH for 24 hours

V. TEST RESULTS:

<u>Fabric Weft Direction</u>				
	<u>Specimen 1</u>	<u>Specimen 2</u>	<u>Specimen 3</u>	<u>Average</u>
Burn Length (in.)	3.3	3.3	3.2	3.27
After Flame Time (sec.)	0	0	0	0.0
Dripping Flaming Time (sec.)	1	1	1	1.0

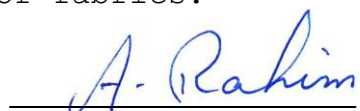
<u>Fabric Warp Direction</u>				
	<u>Specimen 1</u>	<u>Specimen 2</u>	<u>Specimen 3</u>	<u>Average</u>
Burn Length (in.)	4.2	4.5	3.6	4.10
After Flame Time (sec.)	0	0	0	0.0
Dripping Flaming Time (sec.)	2	1	2	1.7

Observations: no unusual observations.

Based upon the results shown above, the material met all passing criteria per the FAR 25.853(a), Appendix F, Part I (a)(1)(ii) 12 Second Vertical Flammability specification for fabrics.



 Neil Schultz
 Executive Director



 Amirudin Rahim
 Technical Director