

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
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March 12, 2019

Integra Fabrics
3650 Ralph Ellis Blvd
Loris, SC 29566

Reference: Laboratory Test Report

Lab Identification No. 34908
Invoice No. 66073

Dear Mr. Spencer:

One (1) fabric sample, identified as **3 Pass Blackout FR**, was received and tested in accordance with **IMO FTPC-2010; International Code for Application of Fire Test Procedures Resolution MSC.307 (88) Annex 1- Fire Test Procedures, Part 7- Test for Vertically Supported Textiles and Films**, “The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazards of the product in use.”

The sample submitted was tested in accordance with Section 6; Test Procedure; sub-sections 6.1-6.4. The results are as follows:

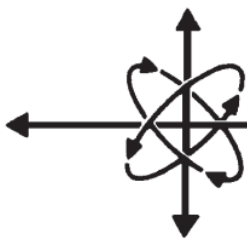
Flame Determination – Warp

Surface Face	Sustained Flaming (Y/N)	Char Length (mm)	Edge	Sustained Flaming (Y/N)	Char Length (mm)
5 sec.	N	58	5 sec.	N	35
15 sec.	N	75*	15 sec.	N	53

Flame Determination – Fill

Surface Face	Sustained Flaming (Y/N)	Char Length (mm)	Edge	Sustained Flaming (Y/N)	Char Length (mm)
5 sec.	N	61	5 sec.	N	26
15 sec.	N	72*	15 sec.	N	57

*DENOTES WORST TESTING CONDITION



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Test Results

		Specimen	Flame Reached Edge (Y/N)	Ignition of Cotton/Wool (Y/N)	Surface Flash (mm)	Afterflame (sec)	Char Length (mm)
<u>Warp</u>	15 Sec. Face	1	N	N	0	0	60
		2	N	N	0	0	85
		3	N	N	0	0	81
		4	N	N	0	0	62
		5	N	N	0	3	94
		Average				0.6	76
		Specimen	Flame Reached Edge (Y/N)	Ignition of Cotton/Wool (Y/N)	Surface Flash (mm)	Afterflame (sec)	Char Length (mm)
<u>Fill</u>	15 Sec. Face	1	N	N	0	0	93
		2	N	N	0	0	94
		3	N	N	0	0	81
		4	N	N	0	0	89
		5	N	N	0	0	68
		Average				0	85

The sample submitted **meets** the minimum requirements of the above standard. The afterflame time cannot exceed 5 seconds for any specimen. There can be no flame propagation to the edges for any specimen and no ignition of the cotton wool. Average char length cannot exceed 150mm and there can be no occurrence of a surface flash more than 100mm from the point of ignition.

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

Sincerely,

Brian S. Dement

BSD/mr

