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QAI - 7095FLBW - Pro Display - Heavy Deko-Tex Fire Certificate



QAI LABORATORIES

CERTIFICATION TESTING INSPECTION

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CLIENT: PACIFIC COAST FABRICS, INC.
233 E. Gardena Blvd.
Gardena, CA 90248
Brian Vieweg

Test Report No: RJ0795-1	Date: July 23, 2010
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SAMPLE ID: The test samples are identified as specimens of Heavy Deko-Tex 7095FLBW, Optic White, 100% Polyester.

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI on June 17, 2010.

TESTING PERIOD: July 23, 2010.

AUTHORIZATION: Testing authorized by Brian Vieweg.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-09, "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:	<u>Flame Spread</u>	<u>Smoke Developed</u>
	5	20

Detailed test results are presented in the subsequent pages of this report

Prepared By

Brian Ortega
Test Technician

**Signed for and on behalf of
QAI Laboratories, Inc.**

Greg Banasky
Supervisor Fire Technology



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PREPARATION AND CONDITIONING: The sample material was submitted in two pieces, 22" wide by 12' long, conforming to test chamber dimensions. The sample was supported during testing by 2" hexagonal mesh poultry netting running the length of the test chamber and 1/4" round metal rods placed at two foot intervals across the width of the test chamber

E 84 TEST DATA SHEET:

CLIENT: Pacific Coast Fabrics **Date:** 07/23/10

SAMPLE: Heavy Deko-Tex 7095FLBW, Optic White, 100% Polyester

FLAME SPREAD:

IGNITION: 12 seconds

FLAME FRONT: 1 foot maximum

TIME TO MAXIMUM SPREAD: 16 seconds

TEST DURATION: 10 minutes

CALCULATION: 9.77 x 0.515 = 5.03

SUMMARY: FLAME SPREAD: 5 SMOKE DEVELOPED: 20

SUMMARY OF ASTM E84 RESULTS: Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Density values over 200 are rounded to the nearest figure divisible by 50.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

<u>NFPA CLASS</u>	<u>IBC CLASS</u>	<u>FLAME SPREAD</u>	<u>SMOKE DEVELOPED</u>
A	A	0 through 25	Less than or equal to 450
B	B	26 through 75	Less than or equal to 450
C	C	76 through 200	Less than or equal to 450

BUILDING CODES CITED:

1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code", 2006 Edition.
2. International Building Code, 2006 Edition, Chapter 8, Interior Finishes, Section 803.

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