

# TEST REPORT

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**EVALUATION CENTER**

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**RENDERED TO**

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PRODUCT EVALUATED: JET UP BC  
EVALUATION PROPERTY: NFPA 701-2015, METHOD 1  
STANDARD METHODS OF FIRE TESTS FOR FLAME  
PROPAGATION OF TEXTILES AND FILMS

**Report of Testing JET UP BC for compliance with the applicable requirements of the following criteria: NFPA 701-2015, METHOD 1 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films**

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## 2 Introduction

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Intertek has conducted testing for Dickson Coatings on JET UP BC to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-2015, Method 1 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films. This evaluation began January 13, 2016 and ended January 13, 2016.

## 3 Test Samples

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### 3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from the client. Samples were not independently selected for testing. Samples were received at the Evaluation Center on January 11, 2016 in good condition.

### 3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Sample Name: JET UP BC

Sample Description: JET UP BC is an eco-friendly fabric, FR, no curl certified, printable by direct digital printing and dedicated for indoor communication applications (displays/ roll-up/ hanging banner...)

The test specimen identified as JET UP BC was cut into 5.9 in. x 15.75 in. samples by the client. The samples were weighed in grams before testing. Ten specimens were numbered, weighed and conditioned for at least 30 min. at  $220 \pm 5^{\circ}\text{F}$  ( $105 \pm 3^{\circ}\text{C}$ ) before testing. The specimens were removed from the oven one at a time and tested within 2 minutes.

## 4 Testing and Evaluation Methods

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### 4.1. TEST STANDARD

The top edge of the specimen was attached to a pin bar so that the specimen was centered and the long dimension of the specimen is in the vertical position with 0.75" binder clips attached to the specimen at each bottom corner to hold it taut. A specified test flame is applied to the bottom center of the specimen for 45 seconds and then removed with eye observation continued.

The average weight loss of ten specimens was not greater than forty percent (40%). The percent weight loss of any individual specimen did not exceed the mean percent weight loss value. The average floor flame of ten specimens was not greater than 2 seconds.

### 4.2. Deviations from the Standard Method

No deviations.

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## 5 Testing and Evaluation Results

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### 5.1. RESULTS AND OBSERVATIONS

**Environmental Conditions:** 72.8°F and 48% R.H.

**Equipment:** Oven #1200, Stopwatch #1221, Scale #1396, Test Cabinet #1236

Sample No.	Wt. Before (g)	Wt. After test (g)	Percent Wt. Loss	AfterFlame	Floor Flame
1	19.35	13.17	31.94	0.0	0.0
2	19.88	12.07	39.29	0.0	2.0
3	19.95	13.50	32.33	0.0	0.0
4	19.54	11.91	39.05	0.0	0.0
5	19.42	11.20	42.33	0.0	0.0
6	19.30	16.62	13.89	0.0	0.0
7	19.46	13.60	30.11	0.0	0.0
8	19.51	14.37	26.35	0.0	0.0
9	19.65	13.95	29.01	0.0	0.0
10	19.80	13.35	32.58	0.0	0.0
Average	19.59	13.37	31.69	0.0	0.2

Any fragments that fell to the floor did not burn more than 2 seconds. The average weight loss of the ten samples was less than 40%. The mean percent weight loss value plus three standard deviations of the percent weight loss is 54.56.

**Based on this information it is concluded the specimen passes the test criteria.**

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## 6 Conclusion

Intertek has conducted testing for Dickson Coatings on JET UP BC to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films-Method 1.

The sample PASSED the testing criteria for NFPA 701-2015, Method 1 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

### INTERTEK



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## 7 Revision Summary

DATE	SUMMARY
January 14, 2016	Original Report