

TEST REPORT

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PRODUCT EVALUATED: Precontraint 502 v2
EVALUATION PROPERTY: NFPA 701-15, METHOD 2
STANDARD METHODS OF FIRE TESTS FOR FLAME
PROPAGATION OF TEXTILES AND FILMS with a Flat Sheet (Section 15.1)

Report of Testing Precontraint 502 v2 for compliance with the applicable requirements of the following criteria: NFPA 701-15, METHOD 2 Standard Methods of Fire Tests for Flame Propagation Of Textiles and Films for Flat Sheets (Section 15.1)

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2 Introduction

Intertek has conducted testing for Serge Ferrari on Precontraint 502 v2 to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-15, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films for Flat Sheets (See section 15.1). This evaluation began August 14, 2015 and ended August 14, 2015.

3 Test Samples

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 August 5, 2015 in good condition.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

Sample Name: Precontraint 502 v2

Sample Description: Polyester yarns coated with PVC flame retardant on both sides and varnished. Weight: 570 g/m² ± 5%, Thickness: 0.47 mm ± 10%, Polyester 830 dtex: 24% - PVC flame retardant 76%

The test specimen identified as Precontraint 502 v2 was cut into 5.25 in. by 47.25 in. samples by Intertek. All samples were then conditioned in an oven at 105°C ± 3°C for no less than 1 hour but no more than 3 hours before testing.

Test room conditions: 74.3°F and 48% R.H.

4 Testing and Evaluation Methods

4.1. TEST STANDARD 1

Ten specimens of material 5.25 inches by 47.25 inches were cut with their long dimension parallel to the length direction ("with" machine). The test specimens were conditioned to 220-225°F (105-108°C) for not less than one hour and not more than 3 hours. Specimens were removed from the oven one at a time and tested immediately. The specimens were supported with clips in a three-sided vertical column and exposed to an 11" flame for two minutes. The flame impinged approximately 7 inches on the specimen.

No specimen should continue flaming for more than two seconds. Length of char should not exceed 17.1 inches from the bottom edge of the specimen for Flat Sheets (See section 13.1.3). No flaming on floor of apparatus should last longer than two seconds.

4.2. Deviation from Standard Method

No deviations from the standard.

5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

	Afterflame	Floor	Char
Specimen #	Duration (sec.)	Flaming (sec.)	Length (in.)
1	0	0	7.88
2	0	0	6.88
3	0	0	6.75
4	0	0	6.63
5	0	0	6.75
6	0	0	7.00
7	0	0	6.50
8	0	0	7.63
9	0	0	7.88
10	0	0	5.75
Average	0	0	6.96

Observations:

This sample passed the criteria for NFPA 701-15 method 2 for flat sheets (see Section 15.1)

6 Conclusion

Intertek has conducted testing for Serge Ferrari on Preconstraint 502 v2 to assess the propagation of flame beyond the area exposed to the ignition source. Testing was conducted in accordance with NFPA 701-15, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films for flat sheets (See section 15.1).

The sample PASSED the testing criteria for NFPA 701-15, Method 2 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films for flat sheets (See section 15.1).

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

INTERTEK



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7 Revision Summary

DATE	SUMMARY
August 14, 2015	Original Report
