

Test Report

No. SDHG1404004839FB

Date: Apr.18, 2014

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Pro Light Concepts Ltd
Perseverance Mill, Olive Lane, Darwen, Lancashire BB3 3DQ (UK)

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : HEAVY DUTY FABRIC
Sample Receiving Date : Apr.14, 2014
Test Performing Date : Apr.14, 2014 to Apr.18, 2014

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	California Technical Bulletin 117-2013 Section 1	PASS	/

For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Co., Ltd.



Ivette Zhang
Approved signatory

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Test Conducted:

TB117 Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture-2013 Section 1- Cover Fabric Test

I. Sample Details

Material: Fabric / Color Black	Code: STAR21 / 20 / 30 / 22 / 19 / 11 / 12 / 13	Density of sample:	416 g/m ²
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II. Test Condition

	Temperature	Relative humidity	Duration
Conditioning of test samples and cigarettes	(21±3) °C	RH < 55 %	24h

III. Acceptance Criteria:

1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
 - a) The mock-up test specimen continues to smolder after the 45 minutes test duration;
 - b) A vertical char length of more than 1.8 inches develops on the cover fabric;
 - c) The mock-up test specimen transitions to open flaming.
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e., the cigarettes burn their full length and the mock-ups are no longer smoldering.
3. If more than one initial specimen fails, the cover fabric fails the test.
4. If any one of the three initial specimens fails, repeat the test on additional three specimens.
5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test.

Photo Appendix:

IV. Test Result

Specimen #	Duration of smouldering (min : sec.)	Open flaming (YES/NO)	Vertical Char Length (inches)	Rating
1	30min20s	NO	0.7	PASS
2	29min48s	NO	0.6	PASS
3	30min16s	NO	0.7	PASS

Conclusion: PASS



End of Report

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