



Test Report

No. SH7056553/TX

Date: Jun 21, 2007

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RIVERTEX TECHNICAL FABRIC GROUP SHANGHAI OFFICE

The Following sample(s) was/were submitted and identified by the client as

Sample Description : Three samples of woven 100% polyester cutting in (A) white (B) red (C) black

Style No. : Collection 75 FR

Test Performed : Selected test(s) as requested by applicant

* * * * *
Sample Receiving Date : JUN. 04, 2007 & JUN. 12, 2007

Test Performing Date : JUN. 13, 2007

Test Result(s) : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Ltd.

Joyce Li (Account Executive)

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SGS-CSTC Standards Technical Services Co., Ltd. | 1/F, the 3rd Building, No.889, Yixian Road, Xuhui District Shanghai, China 200233 | t+86 21 54644580*801 | f+86 21 64988763
申通. 上海. 徐汇区宜山路 889 号 3 号楼 1 楼 邮编: 200233 | t+86 21 5 4644580*801 | f+86 21 64988763 | www.sgsctc.com

Member of the SGS Group (Société Générale de Surveillance)



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Test Result

	(A)	(B)	(C)
<u>Color Fastness to Rubbing</u> (ISO 105 X12-2001)			
Dry staining	4-5	4-5	4-5
Wet staining	4-5	4-5	4-5

Remarks: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.

Color Fastness to Light (ISO 105 B02-1994; use Xenon arc lamp)

Grade (B.S.)	4	4 or above	4 or above
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Fabric Weight per Unit Area (ISO 3801-1977)

(g/m ²)	82	78	78
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Test Conducted: Based on BS 5852 Part 1: 1979

The test, specified in Schedule 4 Part I and Schedule 5 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations, is based on BS 5852 part I: 1979.

To assess the ignitability of cover fabric used in upholstered components when subjected to ignition source 0 and 1.

General Information:

British Standard 5852 Part 1 :1979			
Size of test rig	Large		
Soaking condition	<input checked="" type="checkbox"/> YES(BS5651) <input type="checkbox"/> NO		
Precondition	Indoor ambient condition		72h
Conditioning of test specimen and ignition source(s)	20 ± 5°C	50 ± 20%	16h
Testing enclosure (fume cupboard /room)	15°C to 30°C	20% to 70%	---

Test Results: The following test results only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

1) Sample (A)

(A) Smoldering Cigarette Test Criteria	1 st test	2 nd test
① Whether the evidence of progressive smoldering or flaming is observed in the interior and/or cover	NO	NO
② Whether progressive smoldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
③ Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	NO	NO

(B) Butane Flame Test Criteria	1 st test	2 nd test
① Whether any evidence of flaming or progressive smoldering is observed in the interior and/or cover within 120s of the removal of the burner tube	YES *	N/C
② Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	N/A	N/C

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Test Details:

Test	Ignition source	Time to extinction after placement of the cigarette			Comments and observations
		Progressive smouldering time	Flame ceased time	Smoking ceased time	
1 st	0	0	0	18 min 32 s	Non ignition
2 nd	0	0	0	19 min 27 s	

Test	Ignition source	Ignition time	Time to extinction after removal of the burner		Comments and observation
			Flame ceased time	Smoking ceased time	
1 st	1	20s	2 min 42 s *	2 min 42 s *	Flaming ignition
2 nd	1	20s	N/C	N/C	

Remark: N/C---Not conducted; N/A---Not Applicable

*---In view of the unsafe factor caused by excessive flame, the test was paused when the combustion continued for 2 min and 42 s after removal of the ignition source.

2) Sample(B)

(A) Smoldering Cigarette Test Criteria	1 st test	2 nd test
① Whether the evidence of progressive smoldering or flaming is observed in the interior and/or cover	NO	NO
② Whether progressive smoldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
③ Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	NO	NO

(B) Butane Flame Test Criteria	1 st test	2 nd test
① Whether any evidence of flaming or progressive smoldering is observed in the interior and/or cover within 120s of the removal of the burner tube	YES *	N/C
② Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	N/A	N/C

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Test Details:

Test	Ignition source	Time to extinction after placement of the cigarette			Comments and observations
		Progressive smouldering time	Flame ceased time	Smoking ceased time	
1 st	0	0	0	17 min 53 s	Non ignition
2 nd	0	0	0	18 min 24 s	

Test	Ignition source	Ignition time	Time to extinction after removal of the burner		Comments and observation
			Flame ceased time	Smoking ceased time	
1 st	1	20s	2 min 34 s *	2 min 34 s *	Flaming ignition
2 nd	1	20s	N/C	N/C	

Remark: N/C---Not conducted; N/A---Not Applicable

*---In view of the unsafe factor caused by excessive flame, the test was paused when the combustion continued for 2 min and 34 s after removal of the ignition source.

3) Saple(C)

(A) Smoldering Cigarette Test Criteria	1 st test	2 nd test
① Whether the evidence of progressive smoldering or flaming is observed in the interior and/or cover	NO	NO
② Whether progressive smoldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
③ Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	NO	NO

(B) Butane Flame Test Criteria	1 st test	2 nd test
① Whether any evidence of flaming or progressive smoldering is observed in the interior and/or cover within 120s of the removal of the burner tube	YES *	N/C
② Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	N/A	N/C

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Test Details:

Test	Ignition source	Time to extinction after placement of the cigarette			Comments and observations
		Progressive smouldering time	Flame ceased time	Smoking ceased time	
1 st	0	0	0	18 min 39 s	Non ignition
2 nd	0	0	0	19 min 22 s	

Test	Ignition source	Ignition time	Time to extinction after removal of the burner		Comments and observation
			Flame ceased time	Smoking ceased time	
1 st	1	20s	2 min 42 s *	2 min 42 s *	Flaming ignition
2 nd	1	20s	N/C	N/C	

Remark: N/C---Not conducted; N/A---Not Applicable

*---In view of the unsafe factor caused by excessive flame, the test was paused when the combustion continued for 2 min and 42 s after removal of the ignition source.

Photo Appendix:



		
<p>Sample 1</p>	<p>Sample 2</p>	<p>Sample 3</p>

Sample After Testing

Conclusion: In Our Opinion, the Submitted Sample all Met the Requirements of Schedule 4 Part I but

Did Not Meet Schedule 5 Part I.

End of Report