

Test Report

No: SHFDO100100058AN.1

Date: Feb 08 2010

Client name: ELIM MEDICAL TECHNOLOGY (SUZHOU) CO., LTD

Client address: 409-410, multi-functional building, high-tech venture park, Wujiang, Jiangsu

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

Sample name: DISPOSABLE HOSPITAL CURTAIN

Date: 2009.11.25

Manufacturer: ELIM MEDICAL TECHNOLOGY (SUZHOU) CO., LTD

SGS job no.: SHFDO100100058AN

Date of receipt: Jan 18 2010

Testing period: Jan 18 2010 ~ Jan 26 2010

TEST(S) REQUESTED:

Selected test(s) as requested by applicant:
Antibacterial Assessment for the submitted sample

TEST METHOD:

ISO 20743:2007 Textiles-Determination of antibacterial activity of antibacterial finished products:

10.1 Absorption method

TEST RESULT(S):

Please refer to next page

Remark: 1. This test report have been drafted in English and maybe translated into other languages, The English version shall prevail.

2. THIS REPORT IS TO SUPERSEDE TEST REPORT: SHFDO100100058AN, REPORT DATE: JAN 26 2010, REPORT PAPER CODE: SHFD186045, SHFD186046

Signed for and on behalf of SGS


Authorized Signature



Test Report

No: SHFDO100100058AN.1

Date: Feb 08 2010

TEST ORGANISMS:

Escherichia. Coli ATCC8739, *Staphylococcus Aureus* ATCC6538, *Candida albicans* ATCC10231

TEST RESULT(S):

Name of test bacteria (Strain number)	<i>Escherichia. Coli</i> (ATCC8739)		<i>Staphylococcus</i> <i>Aureus</i> (ATCC6538)		<i>Candida albicans</i> (ATCC10231)	
	Concentration of inoculum (CFU/mL)	2.3×10 ⁵		1.9×10 ⁵		1.2×10 ⁵
Difference of extremes for the three control fabrics(lg)	0h	20h	0h	20h	0h	20h
	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
The growth value on the control sample F (F=lgC _t -lgC ₀)	+2.9 (lgC _t +7.3 lgC ₀ +4.4)		+2.1 (lgC _t +6.3 lgC ₀ +4.2)		+2.0 (lgC _t +6.2 lgC ₀ +4.2)	
The growth value on the antimicrobial-treated sample G (G=lgT _t -lgT ₀)	-2.5 (lgT _t +1.3 lgT ₀ +3.8)		-2.3 (lgT _t +1.3 lgT ₀ +3.6)		-2.4 (lgT _t +1.3 lgT ₀ +3.7)	
Antibacterial activity value (A=F-G)	> 5.4		> 4.4		> 4.4	
Measuring method	Plate count method					
Sterilization method	Autoclave					
Incubation time	20h					

REMARK: The control sample is 100% cotton fabric, provided by SGS lab.

SAMPLE DESCRIPTION: Blue textiles



*** End of Report***

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Test Report

No. SH10009758/TX

Date: Jan 27, 2010

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ELIM MEDICAL TECHNOLOGY (SUZHOU) CO., LTD
409-410, MULTI-FUNCTIONAL BUILDING, HIGH-TECH VENTURE PARK, WUJIANG, JIANGSU

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

Sample Description : One sample of non-woven cutting in blue for disposable hospital curtain

Manufacturer : ELIM MEDICAL TECHNOLOGY (SUZHOU) CO., LTD.

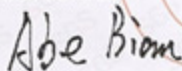
Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : JAN. 16, 2010

Testing Period : JAN. 18, 2010 - JAN. 27, 2010

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

Signed for and on behalf of
SGS-CSTC Ltd.



Abe Bian (Account Executive)

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SHTY 0081438

Test Result
I. Sample details

Materials / Color	Fabric / Blue		
Size of sample	Length: 200±2mm Width: 160 ±2mm 32pcs		
Cleaning procedure	BS EN ISO 10528	50 cycles	
Per-condition	T: 20±2 °C H: 65±5 % at least 24 h		

II. Test Conducted

This test is conducted accordance with Type C of BS 5867-2 :2008 Specification for Fabrics for curtains, drapes and window blinds – Part2: Flammability requirements and test method is based on BS EN ISO 15025:2002.

III. Test Results
A) Before any cleaning procedure

The test methods is as per BS EN ISO 15025:2002, Procedure "A" (surface ignition, Flame application time 5s)	Lengthwise		Widthwise	
	1 (Face)	2 (Back)	1 (Face)	2 (Back)
Flame reached an edge (YES or NO)	NO	NO	NO	NO
Hole reached an edge (YES or NO)	NO	NO	NO	NO
Flaming debris (YES or NO)	NO	NO	NO	NO
Duration of flaming (s)	0	0	0	0
Duration of Afterglow (s)	0	0	0	0
Max. vertical extent of hole (mm)	58	56	54	59
Max. horizontal extent of hole (mm)	23	25	20	24

The test methods is as per BS EN ISO 15025:2002, Procedure "A" (surface ignition, Flame application time 15s)	Lengthwise		Widthwise	
	1 (Face)	2 (Back)	1 (Face)	2 (Back)
Flame reached an edge (YES or NO)	NO	NO	NO	NO
Hole reached an edge (YES or NO)	NO	NO	NO	NO
Flaming debris (YES or NO)	NO	NO	NO	NO
Duration of flaming (s)	0	0	0	0
Duration of Afterglow (s)	0	0	0	0
Max. vertical extent of hole (mm)	73	69	67	65
Max. horizontal extent of hole (mm)	29	28	34	26

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The test methods is as per BS EN ISO 15025:2002, Procedure "A" (surface ignition, Flame application time 20s)	Lengthwise		Widthwise	
	1 (Face)	2 (Back)	1 (Face)	2 (Back)
Flame reached an edge (YES or NO)	NO	NO	NO	NO
Hole reached an edge (YES or NO)	NO	NO	NO	NO
Flaming debris (YES or NO)	NO	NO	NO	NO
Duration of flaming (s)	0	0	0	0
Duration of Afterglow (s)	0	0	0	0
Max. vertical extent of hole (mm)	83	76	75	73
Max. horizontal extent of hole (mm)	30	26	29	25

The test methods is as per BS EN ISO 15025:2002, Procedure "A" (surface ignition, Flame application time 30s)	Lengthwise		Widthwise	
	1 (Face)	2 (Back)	1 (Face)	2 (Back)
Flame reached an edge (YES or NO)	NO	NO	NO	NO
Hole reached an edge (YES or NO)	NO	NO	NO	NO
Flaming debris (YES or NO)	NO	NO	NO	NO
Duration of flaming (s)	0	0	0	0
Duration of Afterglow (s)	0	0	0	0
Max. vertical extent of hole (mm)	85	76	88	81
Max. horizontal extent of hole (mm)	32	30	28	31

B) After any cleaning procedure

The test methods is as per BS EN ISO 15025:2002, Procedure "A" (surface ignition, Flame application time 5s)	Lengthwise		Widthwise	
	1 (Face)	2 (Back)	1 (Face)	2 (Back)
Flame reached an edge (YES or NO)	NO	NO	NO	NO
Hole reached an edge (YES or NO)	NO	NO	NO	NO
Flaming debris (YES or NO)	NO	NO	NO	NO
Duration of flaming (s)	0	0	0	0
Duration of Afterglow (s)	0	0	0	0
Max. vertical extent of hole (mm)	57	59	54	58
Max. horizontal extent of hole (mm)	23	26	21	28

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The test methods is as per BS EN ISO 15025:2002, Procedure "A" (surface ignition, Flame application time 15s)	Lengthwise		Widthwise	
	1 (Face)	2 (Back)	1 (Face)	2 (Back)
Flame reached an edge (YES or NO)	NO	NO	NO	NO
Hole reached an edge (YES or NO)	NO	NO	NO	NO
Flaming debris (YES or NO)	NO	NO	NO	NO
Duration of flaming (s)	0	0	0	0
Duration of Afterglow (s)	0	0	0	0
Max. vertical extent of hole (mm)	66	63	59	65
Max. horizontal extent of hole (mm)	30	25	24	27

The test methods is as per BS EN ISO 15025:2002, Procedure "A" (surface ignition, Flame application time 20s)	Lengthwise		Widthwise	
	1 (Face)	2 (Back)	1 (Face)	2 (Back)
Flame reached an edge (YES or NO)	NO	NO	NO	NO
Hole reached an edge (YES or NO)	NO	NO	NO	NO
Flaming debris (YES or NO)	NO	NO	NO	NO
Duration of flaming (s)	0	0	0	0
Duration of Afterglow (s)	0	0	0	0
Max. vertical extent of hole (mm)	75	73	69	70
Max. horizontal extent of hole (mm)	36	34	39	30

The test methods is as per BS EN ISO 15025:2002, Procedure "A" (surface ignition, Flame application time 30s)	Lengthwise		Widthwise	
	1 (Face)	2 (Back)	1 (Face)	2 (Back)
Flame reached an edge (YES or NO)	NO	NO	NO	NO
Hole reached an edge (YES or NO)	NO	NO	NO	NO
Flaming debris (YES or NO)	NO	NO	NO	NO
Duration of flaming (s)	0	0	0	0
Duration of Afterglow (s)	0	0	0	0
Max. vertical extent of hole (mm)	83	78	86	80
Max. horizontal extent of hole (mm)	47	29	40	36

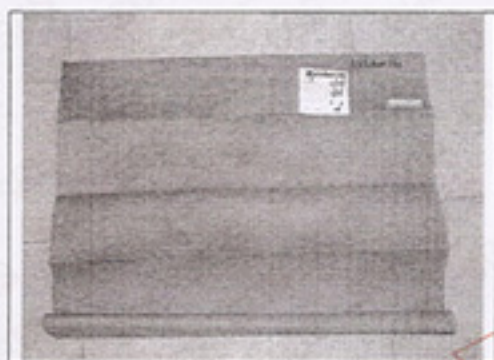
Criteria:

No part of any hole nor any part of the lowest boundary of any flame shall reach the top edge or either vertical edge of the sample specimen and there shall be no separation of any flaming debris from any specimen, or if the mean afterflame or afterglow times exceed 2.5 s, the fabric shall be deemed not to comply with the requirements for type "C" of this British Standard.

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Photo Appendix:



Conclusion: The submitted sample meets the requirements of Type C of BS 5867-2:2008.

End of Report

COOPY

Attention: To check the authenticity of testing (inspection report & certificate), pls. contact us: (RS-2518) 367 4443 email: CN_Docs@sgs.china.com

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