



Test Report                      SL12050306393501TX                      Date: October 16, 2020                      Page 1 of 5  
**THIS REPORT CANCELS AND SUPERSEDES THE TEST REPORT NO. SL12050306340901TX DATE: Oct 14, 2020 ISSUED BY SGS (Hong Kong) UPDATED TEST INFORMATION.**

FLASHBAY ELECTRONICS  
XIFENGCHENG INDUSTRIAL PARK, FUYONG HEPING FUYUAN 2ND ROAD, BAOAN DISTRICT,  
SHENZHEN, GUANGDONG, CHINA

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

Sample Description                      :    One sample of adult's face masks

Sample Color                                :    (A)White

Composition                                :    (A)94.6% Polyester 5.4% Spandex

Fabric Width                                :    18cm

Fabric Weight                               :    (A)12cm

Model No.                                    :    Ultra

Manufacturer                                :    Flashbay Electronics

Country of Destination                    :    China

Market of Destination                     :    France

Sample Receiving Date                    :    Jul 24, 2020

Testing Period                               :    Jul 25, 2020 - Oct 16, 2020

Test Result(s)                              :    Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

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

Proposed Care Instruction                :    60 degrees, air drying

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Conclusion	A	Remark
Dimensional Stability	PASS	
Air Permeability Of Textile Fabrics	PASS	
Tie Attachment Strength	PASS	
Penetration of Filter Material	PASS	

Remark(s) : FAIL=Below Client's/General Requirement  
PASS=Meet Client's/General Requirement

Signed for and on behalf of  
SGS (Hong Kong) Limited



Carmen Ng, Assistant Technical Manager

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Test Result

**Dimensional Stability To Washing**

(ISO 5077:2008 / ISO 6330:2012 Procedure No. 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 degree C with 2kg total dry mass (type III (100% polyester) ballast + specimen) and 'ECE' detergent + sodium perborate + TAED, line dry)

		<u>Specified Requirement</u>
<u>After 10 wash</u>		
Lengthwise (%)	-0.6	±5.0%
Widthwise (%)	-0.9	

Remarks : (+) Means extension  
(-) Means shrinkage

**Air Permeability Of Textile Fabrics**

(ISO 9237:1995; Textest FX3300 Air Permeability Tester III )

Test pressure : 100pa

Test area : 20 sq.cm.

	<u>As received</u>	<u>After 10 wash</u>	<u>Specified Requirement</u>
Individual reading (Unit: L/m2/s)			
Commentary :			
-			
Average :	149.2	140.8	≥96 L/m2/s
CV% :	3.1	4.3	

\*Remark: Not detected = below 1 L/m2/s

Washing procedures same as shrinkage.

**Tie Attachment Strength** ( Ref ISO13935-2/ ASTM D1683)

	(A)		<u>Specified Requirement</u>
Strength (lb)	<u>Left</u>	<u>Right</u>	
AS Received	90.2 (STB)	82.6 (STB)	≥44.5 N
Afte 10 washes	88.7 (STB)	78.9 (STB)	≥44.5 N

Notes: STB = Sewing Threads Break

Washing procedures same as shrinkage.

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**Particulates Filtration Efficiency (PFE)**

(DGA method Annex 2, 3 microns particles)

Sample: Face masks

<u>As Received</u>		Test Specimen		<u>Requirement</u>
		1	2	
Filtration Efficiency	%	93.1	91.5	Category 1: ≥ 90% Category 2: ≥ 70%

**After 10 washes\***

		1		
Filtration Efficiency	%	98.1		Category 1: ≥ 90% Category 2: ≥ 70%

\*Washing procedure: ISO 6330:2012: Using horizontal axis, front-loading type machine; Procedure No. 6N, Machine wash at 60°C; with 2kg total dry mass (Type III (100% Polyester) Ballast + specimen) and 'ECE(A)' detergent + sodium perborate + TAED, line dry

\*\*\*End of Report\*\*\*

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### Sample Photo



SL120502742172TX\_001



SL120502742172TX\_002



SL120502742172TX\_003

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