



**Test Report**

No. SL517052047750TX

Date: Mar 28, 2017

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WUJIANG SARYTEX CO.,LTD.  
2F, COMMON BUILDING, NO.3368 YUANQU ROAD, SHENGZE TOWN,  
WUJIANG CITY, JIANGSU

OVERALL RATING	
X	PASS
	FAIL

The following sample(s) was/were submitted and identified by client as:

GEOX Apparel			
<b>VENDOR NAME :</b>	WUJIANG SARYTEX CO.,LTD.	<b>CONTACT PERSON:</b>	Sharon
<b>SAMPLE DESCRIPTION :</b>	(A)Woven fabric: in F3021 dark green (B)Woven fabric: in F9000 black (C)Woven fabric: in F1164 phantom (D)Woven fabric: in F1069 titanium		
<b>SAMPLE CODE#</b>	T2426_619.705-C894/1	<b>ORDER NO.</b>	-
<b>SEASON:</b>	Geox FW17 BULK	<b>COLOR CODE:</b>	(A)F3021 (B)F9000 (C)F1164 (D)F1069
<b>SUPPLIER NAME:</b>	WUJIANG SARYTEX CO.,LTD	<b>COLOR NAME:</b>	(A)dark green (B)black (C)phantom (D)titanium
<b>AGE RANGE:</b>	-	<b>PREVIOUS NO.</b>	-
<b>SAMPLE RECEIVING DATE :</b>	Mar 15, 2017	<b>TEST PERFORMING DATE :</b>	Mar 22, 2017 - Mar 28, 2017
<b>VENDOR PROPOSED CARE INSTRUCTION:</b>	-		



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SGS-CSI (Shanghai) Technical Services Co., Ltd.  
Testing Center

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Sample photo:



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TEST	PASS	FAIL	REMARKS
Dimensional Stability To Washing	X		
Dimensional Stability To Drycleaning	X		
Colour Fastness To Washing	X		
Colour Fastness To Drycleaning	X		
Colour Fastness To Perspiration	X		
Colour Fastness To Rubbing	X		
Colour Fastness To Water	X		
Colour Fastness To Light	X		
Tearing Strength	X		
Seam Strength	X		
Fabric Weight Per Unit Area			See Results
Water Repellency	X		

**PASS** = Meets Client's Performance Standard.

**FAIL** = Fails to meet Client's Performance Standard.

**#** = See Results

**N/A** = Not Applicable

Signed for and on behalf of  
 SGS-CSTC Standards Technical  
 Services (Shanghai) Co. Ltd.



Sammi Song (Account Executive)



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**Test Results:**

Requirement

**Dimensional Stability To Washing**

(ISO 5077: 2007 / ISO 3759: 2011 / ISO 6330: 2012: Washing program No. 3N; Using horizontal axis, front-loading type machine: Machine wash at 30 degree C with 2kg total dry mass (type III (100% polyester) ballast+ specimen) and 'ECE' (A) detergent+ Sodium Perborate+ TAED, drip line dry.)

<u>After 1 Wash</u>		<u>(A)</u>		
Lengthwise(%)		-0.2		+/-3%
Widthwise(%)		-0.2		
<u>After 1 Wash</u>	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>	
Lengthwise(%)	-0.2	-0.2	-0.2	+/-3%
Widthwise(%)	-0.2	-0.2	-0.4	

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

**Dimensional Stability To Drycleaning**

(ISO 3759:2011/ISO 3175-2:2010: Normal materials.)

<u>After 1 dryclean</u>		<u>(A)</u>		
- Lengthwise (%)		-0.2		+/-2%
- Widthwise (%)		NIL		
<u>After 1 dryclean</u>	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>	
- Lengthwise (%)	-0.2	-0.2	-0.1	+/-2%
- Widthwise (%)	-0.2	-0.1	-0.3	

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



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Requirement

**Colour Fastness To Washing**

(ISO 105-C06:2010; Test No. A1S, Machine wash at 40 degree C with 4g/l 'ECE(B)' detergent with 10 steel balls.)

	<u>(A)</u>		
Change in shade	4-5		Min.4
Staining on multi-fiber stripe			Min.3-4
Acetate	4-5		
Cotton	4-5		
Nylon	4-5		
Polyester	4-5		
Acrylic	4-5		
Wool	4-5		
	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>
Change in shade	4-5	4-5	4-5
Staining on multi-fiber stripe			Min.4
Acetate	4	4-5	4-5
Cotton	4-5	4-5	4-5
Nylon	4-5	4-5	4-5
Polyester	4-5	4-5	4-5
Acrylic	4-5	4-5	4-5
Wool	4-5	4-5	4-5

**Colour Fastness To Drycleaning**

(ISO 105-D01:2010)

	<u>(A)</u>		
Change in shade	4-5		Min.4
Staining on multi-fiber stripe			Min.3-4
Acetate	4-5		
Cotton	4-5		
Nylon	4-5		
Polyester	4-5		
Acrylic	4-5		
Wool	4-5		
	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>
Change in shade	4-5	4-5	4-5
Staining on multi-fiber stripe			Min.4
Acetate	4-5	4-5	4-5
Cotton	4-5	4-5	4-5
Nylon	4-5	4-5	4-5
Polyester	4-5	4-5	4-5
Acrylic	4-5	4-5	4-5
Wool	4-5	4-5	4-5

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good

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Requirement

**Colour Fastness To Perspiration**

(ISO 105-E04:2013 ; test specimen in vertical position.)

Acid

	<u>(A)</u>	
Change in shade	4-5	Min.4
Staining on multi-fiber stripe		Min.3-4
Acetate	4-5	
Cotton	4-5	
Nylon	4-5	
Polyester	4-5	
Acrylic	4-5	
Wool	4-5	

	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>	
Change in shade	4-5	4-5	4-5	Min.4
Staining on multi-fiber stripe				Min.3-4
Acetate	3-4	4	4-5	
Cotton	4-5	4-5	4-5	
Nylon	3-4	4	4-5	
Polyester	4	4	4-5	
Acrylic	4-5	4-5	4-5	
Wool	4	4-5	4-5	

Alkaline

	<u>(A)</u>	
Change in shade	4-5	Min.4
Staining on multi-fiber stripe		Min.3-4
Acetate	4-5	
Cotton	4-5	
Nylon	4-5	
Polyester	4-5	
Acrylic	4-5	
Wool	4-5	

	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>	
Change in shade	4-5	4-5	4-5	Min.4
Staining on multi-fiber stripe				Min.3-4
Acetate	3-4	4	4-5	
Cotton	4-5	4-5	4-5	
Nylon	3-4	4	4-5	
Polyester	4	4	4-5	
Acrylic	4-5	4-5	4-5	
Wool	4	4-5	4-5	

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good



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Requirement

**Colour Fastness To Rubbing**

(ISO 105-X12:2016; Size of rubbing finger: 16mm diameter.)

	<u>(A)</u>			
Dry staining	4-5			Min.3-4
Wet staining	4-5			Min.3
	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>	
Dry staining	4-5	4-5	4-5	Min.3-4
Wet staining	4-5	4-5	4-5	Min.3

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good

**Colour Fastness To Water**

(ISO 105-E01:2013; test specimen in vertical position.)

	<u>(A)</u>			
Change in shade	4-5			Min.4
Staining on multi-fiber stripe				Min.3-4
Acetate	4-5			
Cotton	4-5			
Nylon	4-5			
Polyester	4-5			
Acrylic	4-5			
Wool	4-5			
	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>	
Change in shade	4-5	4-5	4-5	Min.4
Staining on multi-fiber stripe				Min.3-4
Acetate	3-4	4	4-5	
Cotton	4-5	4-5	4-5	
Nylon	3-4	3-4	4-5	
Polyester	4	4	4-5	
Acrylic	4-5	4-5	4-5	
Wool	4-5	4-5	4-5	

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good

**Colour Fastness To Light**

(ISO 105-B02:2014; use Xenon arc lamp, exposure cycle A1, no flip-flop mode was used)

	<u>(A)</u>			
Grade (Bluewool Std)	4above			Min.3-4
	<u>(B)</u>	<u>(C)</u>	<u>(D)</u>	
Grade (Bluewool Std)	4above	4above	4above	Min.3-4



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Requirement

**Tearing Strength**

(ISO 13937-2:2000; )

		(A)		
Warp yarns torn (N)		13		>=10N
Weft yarns torn (N)		12		
	(B)	(C)	(D)	
Warp yarns torn (N)	12	13	13	>=10N
Weft yarns torn (N)	12	13	13	

**Seam Strength**

(ISO 13935-2:2014)

		(A)		
Seam // Warp (N)		185(F.T.S.)		>=150N
Seam // Weft (N)		263(F.T.S.)		
	(B)	(C)	(D)	
Seam // Warp (N)	176(F.T.S.)	197(F.T.S.)	194(F.T.S.)	>=150N
Seam // Weft (N)	273(F.T.S.)	293(F.T.S.)	238(F.T.S.)	

Remarks:

F.T.S.= Fabric Tear at Seam

**Fabric Weight Per Unit Area**

(EN 12127:1997 )

		(A)		
(g/m <sup>2</sup> )		53		+/-5%
	(B)	(C)	(D)	
(g/m <sup>2</sup> )	54	56	54	+/-5%



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Requirement

**Water Repellency**

( ISO 4920:2012(E);Spray Test - Tested under controlled condition,Water temperature: 20±2° C.)

		<u>(A)</u>								
Specimen		(1)		(2)		(3)				
<u>As Receive</u>										
Rating		5		5		5				Min.5
		<u>(B)</u>			<u>(C)</u>			<u>(D)</u>		
Specimen	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	
<u>As Receive</u>										
Rating	5	5	5	5	5	5	5	5	5	Min.5

Remarks:

Nomenclature for rating:

- 100 (ISO 5) No sticking or wetting of upper surface
- 90 (ISO 4) Slight random sticking or wetting of upper surface
- 80 (ISO 3) Wetting of upper surface at spray points
- 70 (ISO 2) Partial wetting of whole of upper surface
- 50 (ISO 1) Complete wetting of whole of upper surface
- 0 (ISO 0) Complete wetting of whole and lower surface

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



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