


# Prima-160 Stretch

53% COTTON / 44% POLYESTER / 3% SPANDEX

160 GSM / TWILL 2/1

ULTRA SOFT\*



Fabric name	Prima-160 Stretch
Fabric weight	160 ± 5 gsm
Composition	53% Cotton, 44% Polyester, 3% Spandex
Full width	150 ± 2 cm
Weave	twill 2/1
Finishes	Peach
Area of use	Medical uniform, HoReCa uniform
Washing instruction	

## Physical properties\*

			warp	weft
1	Tensile strength, N	ISO 13934-1:2013	1100	310
2	Tearing strength, N	ISO 13937-3:2000	25	21
3	Dimensional Stability To Washing 60°C, max	ISO 6330:2000	3.0%	3.0%
4	Abrasion Resistance	ISO 12947-2:2002	> 20 000	
5	Pilling Resistance after 7000 revol.	ISO 12945-2:2000	4	
6	Colour Fastness To Washing (cotton+polyester) 60°C, min.	ISO 105-C06:2010	4-5	
	Colour change	ISO 105-C06:2010	4-5	
	Colour staining to cotton	ISO 105-C06:2010	4-5	
	Colour staining to polyester	ISO 105-C06:2010	4	
7	Colour Fastness To Perspiration, min.	ISO 105-E04:2013		
	Colour change		4-5	
	Colour staining		4-5	
8	Colour Fastness To Rubbing, min.	ISO 105-X12:2001		
	Dry		4-5	
	Wet		2	
9	Colour Fastness To Light	ISO 105-B02:2013	4	

\* The values shown are indicative and may vary slightly from batch to batch.

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**Test Report**      **SL52035261738801TX**      **Date: July 03, 2020**      **Page 1 of 5**  
 SHANGHIA XM GROUP LTD  
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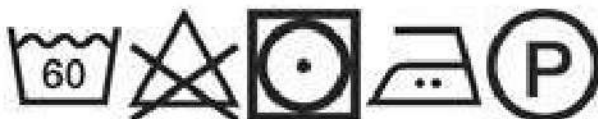
The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A) Woven fabric (Prima-160: (Prima-160,53%C/44%P/3%spandex 2/1 58/59"  
 160GSM ULTRA SOFT FINISH,Order: XMT-20-87) Color: Navy #20-02)

Composition : (A)53% C/44% P/3% spandex

Sample Color : (A)Navy #20-02

Proposed Care Instruction :



Sample Receiving Date : Jun 28, 2020

Testing Period : Jun 29, 2020 - Jul 03, 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

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

*Hattie Chen*

Hattie Chen (Account Executive)



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## Colour Fastness To Light

(ISO 105-B02:2014; Method 2 (Modified), use Xenon arc lamp, Exposure Cycle: A1, no flip-flop mode was used)

Comparison upto blue wool reference 4

-	Unit	(A)
Grade(B.W.S)	-	4

## Colour Fastness To Perspiration

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

### Acid

-	Unit	(A)
Change in Shade	-	4-5
Staining On Multi-fibre Stripe		
Acetate	-	4-5
Cotton	-	4-5
Polyamide	-	4-5
Polyester	-	4-5
Acrylic	-	4-5
Wool	-	4-5

### Alkaline

-	Unit	(A)
Change in Shade	-	4-5
Staining On Multi-fibre Stripe		
Acetate	-	4-5
Cotton	-	4-5
Polyamide	-	4-5
Polyester	-	4-5
Acrylic	-	4-5
Wool	-	4-5

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.

## Colour Fastness To Rubbing

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

### As Received

-	Unit	(A)
Dry Staining	-	4-5
Wet Staining	-	2

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.



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## Colour Fastness To Washing

(ISO 105-C06:2010; Test No.: C2S, Machine wash at 60°C with 4g/L ECE (B) and 1g/L Sodium Perborate with 25 Steel Balls)

-	Unit	(A)
Change in Shade	-	4-5
Staining On Multi-fibre Stripe		
Acetate	-	3-4
Cotton	-	4-5
Polyamide	-	3-4
Polyester	-	4
Acrylic	-	4-5
Wool	-	4

Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is worst and 5 is best.

## Dimensional Stability To Washing

(ISO 3759:2011/ISO 5077:2007/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), 'ECE(A)' detergent+ Sodium Perborate+ TAED, Tumble Dry Low, Less Than 60°C)

### After 1 Wash

-	Unit	(A)
Lengthwise	%	-1.7
Widthwise	%	-0.4

Remark: (+) Means Growth; (-) Means Shrinkage

## Abrasion Resistance

(BS EN ISO 12947-2:2016; Martindale Abrasion & Pilling Tester, Pressure: 12kPa)

-	Unit	(A)
The quoted result	Rubs	>20000



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## Pilling Resistance

(BS EN ISO 12945-2:2000; Martindale Abrasion & Pilling Tester, Total load applied 415g)

### As Received

#### After 125 Revolutions

-	Unit	(A)
Pilling Rating	-	4-5

#### After 500 Revolutions

-	Unit	(A)
Pilling Rating	-	4-5

#### After 1000 Revolutions

-	Unit	(A)
Pilling Rating	-	4-5

#### After 2000 Revolutions

-	Unit	(A)
Pilling Rating	-	4

#### After 5000 Revolutions

-	Unit	(A)
Pilling Rating	-	4

#### After 7000 Revolutions

-	Unit	(A)
Pilling Rating	-	4

### Remarks : Pilling Rating

- 5 No change
- 4 Slight change fuzzing and/or partially formed pills
- 3 Moderate change fuzzing and/or moderate pilling, pills of varying size and density partially covering the specimen surface
- 2 Distinct surface fuzzing and/or distinct pilling, pills of varying size and density covering a large proportion of the specimen surface
- 1 Dense surface fuzzing and/or severe pilling, pills of varying size and density covering the whole of the specimen surface



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## Tearing Strength

(ISO 13937-2:2000; )

-	Unit	(A)
Warp/Length Yarns Torn	N	25
Weft/Width Yarns Torn	N	21

## Tensile Strength

(ISO 13934-1:2013; Strip method)

-	Unit	(A)
Warp/Length	N	1100
Weft/Width	N	310

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



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**This certificate BEWO 084394 is valid until  
15.08.2025.**

### **SUPPORTING DOCUMENTS**

- ✓ Test report : BJ015 245163.1
- ✓ Declaration of conformity in accordance with  
EN ISO 17050-1 as required by OEKO-TEX®
- ✓ OEKO-TEX® Terms of Use (ToU)

A handwritten signature in blue ink, appearing to read 'M. Bachmann', positioned above a horizontal line.

**Matz Bachmann**  
Managing Director

A handwritten signature in blue ink, appearing to read 'D. Ajdinovic', positioned above a horizontal line.

**Dijana Ajdinovic**  
Ecology Team Leader