



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	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.

www.xmtextiles.com



XM TEXTILES EUROPE
 Dariaus ir Gireno st. 42A, Room 509
 Vilnius, LT-02189, Lithuania
 Tel. +370 52 078 703
 info@xmtextiles.com

XM TEXTILES ROMANIA
 Soș.Tamasi 20, Hala 6B, Parter,
 Buftea, 070000, Ilfov, Romania
 Tel. +40 31 630 3639
 info@xmtextiles.com

XM TEXTILES ITALIA SRL
 Via dei Notai, Blocco 23, Centergross,
 40050 Funo di Argelato (BO), Bologna, Italy
 Tel. +39 051 952 8202
 info@xmtextiles.com



Certificate

OEKO-TEX® STANDARD 100

SHANGHAI XM GROUP LTD.

is granted the OEKO-TEX® STANDARD 100 certification
and the right to use the trademark.

SCOPE

Woven fabrics made of 100% CO, CO/PES, CO/CF, CO/PES/CF, CO/PA/CF (CF with anti-static function), piece-dyed (vat and disperse) (partly finished with flame retardant products accepted by OEKO-TEX®) or with water, soil or oil repellent finishing; woven fabric made of 100% PES, 100% PA, PES/EL, white, piece-dyed (disperse and acid) and finished, or woven fabric made of 100% PES, transfer printed (disperse) and finished, all with PAN coating; undyed or piece-dyed (incl. fluorescent colours) knitted fabrics (incl. fleece) and UV protection fabrics made of 100% PES, PES/CO, PES/CV, MAC/CO, MAC/CV, MAC/CO/PES, 100% PP, PP/PES, with or without spandex (EL) and antistatic fibers; woven fabric in PA, PES, or mixed with EL, or with PU, TPU, PTFE membrane laminated, or boned fabrics of above with white/piece-dyed PES or PA knitted fabrics (incl. polar fleece) & finished (incl. water/oil-repel, anti-stain) (based on material pre-certified according to OEKO-TEX® STANDARD 100)

PRODUCT CLASS

II (products with direct contact to skin) - Annex 4

Further compliance information (REACH, SVHC, POP, GB18401 etc.) can be found on oeko-tex.com/en/faq.

The certificate is based on the test methods and requirements of the OEKO-TEX® STANDARD 100 that were in force at the time of evaluation.



STANDARD 100 BEWO 084394
TESTEX

This certificate BEWO 084394 is valid until
15.08.2024.

SUPPORTING DOCUMENTS

- ✓ Test report : BJ015 224706.1
- ✓ Declaration of conformity in accordance with EN ISO 17050-1 as required by OEKO-TEX®
- ✓ OEKO-TEX® Terms of Use (ToU)

Matz Bachmann
Managing Director

Dijana Ajdinovic
Ecology Team Leader



Zurich, 2023-07-21



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 :



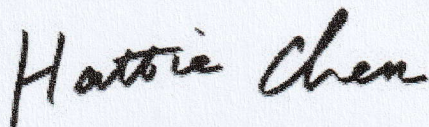
Sample Receiving Date : Jun 28, 2020

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 (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.




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 mas s (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



Mgj



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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



Handwritten signature

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3rd Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233 t (86-21) 61402666 f (86-21) 64958763 www.sgs.com.cn
 中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 e sgs.china@sgs.com