



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.

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

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

XM TEXTILES ITALIA SRL

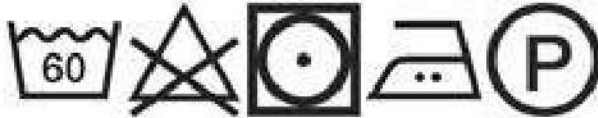
Via dei Notai, Blocco 23, Centergross,
40050 Funo di Argelato (BO), Bologna, Italy
Tel. +39 051 952 8202
info@xmtextiles.com

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)

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com
 3rd Building, No.889, Yishan Road, Xuhui District, Shanghai, China 200233 t (86-21) 61402666 f (86-21) 64953733 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) 64953733 e sgs.china@sgs.com

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 |



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 3rd Building, No.889, Yishan Road, Xuhui District, Shanghai, China 200233 t (86-21) 61402666 f (86-21) 64953763 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) 64953763 e sgs.china@sgs.com

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



**STANDARD
100**

**BEWO 084394
TESTEX**

**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**