



|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Fabric name         | Eco-245                                                                              |
| Fabric weight       | 245 ± 5 gsm                                                                          |
| Composition         | 65% Recycled Polyester,<br>35% Recycled Cotton                                       |
| Full width          | 152 ± 2 cm                                                                           |
| Weave               | twill 3/1                                                                            |
| Finishes            | WR                                                                                   |
| Area of use         | construction and transport<br>sectors work wear                                      |
| Washing instruction |  |

## Physical properties\*

|   |                                                             |                  | warp     | weft |
|---|-------------------------------------------------------------|------------------|----------|------|
| 1 | Tensile strength, N                                         | ISO 13934-1:2013 | 1600     | 450  |
| 2 | Tearing strength, N                                         | ISO 13937-3:2000 | 50       | 23   |
| 3 | Dimensional Stability To Washing, max.                      | ISO 6330:2000    | 3.0%     | 3.0% |
| 4 | Abrasion Resistance                                         | ISO 12947-2:2002 | > 30 000 |      |
| 5 | Pilling Resistance (after 1000 rev.)                        | ISO 12945-2:2000 | 3-4      |      |
| 6 | Colour Fastness To Washing<br>(cotton+polyester) 60°C, min. | ISO 105-C06:2010 |          |      |
|   | Colour change                                               | ISO 105-C06:2010 | 4        |      |
|   | Colour staining                                             | ISO 105-C06:2010 | 3        |      |
| 7 | Colour Fastness To Perspiration, min.                       | ISO 105-E04:2013 |          |      |
|   | Colour change                                               |                  | 4        |      |
|   | Colour staining                                             |                  | 4        |      |
| 8 | Colour Fastness To Rubbing, min.                            | ISO 105-X12:2001 |          |      |
|   | Dry                                                         |                  | 3-4      |      |
|   | Wet                                                         |                  | 2-3      |      |
| 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](http://www.xmtextiles.com)

### XM TEXTILES EUROPE

Darius ir Gireno st. 42A, Room 509  
Vilnius, LT-02189, Lithuania  
Tel. +370 52 078 703  
[info@xmtextiles.com](mailto:info@xmtextiles.com)

### XM TEXTILES ROMANIA

Sos. Tamasi 20, Hala 6B, Parter,  
Buftea, 070000, Ilfov, Romania  
Tel. +40 31 630 3639  
[info@xmtextiles.com](mailto: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](mailto:info@xmtextiles.com)



|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Fabric name         | Taffeta-190T                                                                        |
| Fabric weight       | 52 ± 2 gsm                                                                          |
| Composition         | 100% polyester                                                                      |
| Full width          | 150 ± 2 cm                                                                          |
| Weave               | plain 1/1                                                                           |
| Finishes            | -                                                                                   |
| Application         | winter wear, backpacks<br>and light tents                                           |
| Washing instruction |  |

## Physical properties\*

|   |                                                             |                  | warp     | weft  |
|---|-------------------------------------------------------------|------------------|----------|-------|
| 1 | Seam Slippage, N                                            | ISO 13936-1:2004 | 89       | > 200 |
| 2 | Dimensional Stability To Washing, max.                      | ISO 6330:2000    | 3.0%     | 3.0%  |
| 3 | Abrasion Resistance                                         | ISO 12947-2:2002 | > 40 000 |       |
| 4 | Colour Fastness To Washing<br>(cotton+polyester) 60°C, min. | ISO 105-C06:2010 |          |       |
|   | Colour change                                               | ISO 105-C06:2010 | 3-4      |       |
| 5 | Colour Fastness To Perspiration, min.                       | ISO 105-E04:2013 |          |       |
|   | Colour change                                               |                  | 3-4      |       |
|   | Colour staining                                             |                  | 3-4      |       |
| 6 | Colour Fastness To Rubbing, min.                            | ISO 105-X12:2001 |          |       |
|   | Dry                                                         |                  | 3-4      |       |
|   | Wet                                                         |                  | 2-3      |       |
| 7 | Colour Fastness To Light                                    | ISO 105-B02:2013 | > 4      |       |

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



**MINISTERUL SĂNĂTĂȚII, MUNCII  
ȘI PROTECȚIEI SOCIALE  
AL REPUBLICII MOLDOVA**

МИНИСТЕРСТВО ЗДРАВООХРАНЕНИЯ, ТРУДА  
И СОЦИАЛЬНОЙ ЗАЩИТЫ РЕСПУБЛИКИ МОЛДОВА

**AGENȚIA NAȚIONALĂ PENTRU SĂNĂTATE PUBLICĂ  
НАЦИОНАЛЬНОЕ АГЕНТСТВО ОБЩЕСТВЕННОГО ЗДОРОВЬЯ**

MD-2028, muș. Chișinău, str. Gheorghe. Asachi, 67-a

Tel. + 373 22 574501, fax + 373 22 729725

IDNO 1018601000021

E-mail: ansp@ansp.md; anticamera@ansp.md

**DOCUMENTAȚIE MEDICALĂ / Медицинская документация**  
**FORMULAR / Форма** Nr. 303-2/e  
**APROBAT DE MSMPS al RM / Утверждена МЗТCS РМ**  
**31.10.11 Nr. 828**

Centrul de Încercări de laborator acreditat de către  
Centrul Național de Acreditare din Republica Moldova MOLDAC  
Испытательный лабораторный центр аккредитованный  
Национальным Аккредитационным Центром РМ MOLDAC  
Certificat nr. LI-044 din 17.02.2018 valabil până la 16.02.2022  
Accreditat în Sistemul Ministerului Sănătății, Muncii  
și Protecției Sociale al RM  
Аккредитованный в системе Министерства Здравоохранения, Труда и  
Социальной Защиты Республики Молдова  
Certificat nr. 2293 din 24.10.2014, valabil până la 24.10.2019

**AVIZ SANITAR**

**PENTRU PRODUSELE ALIMENTARE ȘI NEALIMENTARE Nr.**

*P - 7891/2020*

*Санитарное заключение для пищевых и непищевых продуктов*

din/om " 12 "

noiembrie

a./z. 2020

**Prin prezentul aviz sanitar se confirmă că producerea, importul, utilizarea și desfacerea produselor / echipamentelor**  
*Настоящим санитарным заключением подтверждается, что производство, ввоз, использование и реализация продукции / оборудования*

Pânză de uz casnic; Vatelina; Neșesute cusute-tricotat pentru căptușeli termoizolante pentru pardesiuri  
și paltoane; Neșesute cusute-tricotat pentru armarea învelitorilor de acoperiș; Sintevol; Sintepuf,

Pânză aciperforabilă

**sunt conforme Regulamentului (lor) sanitar (e) / соответствуют санитарному (ым) регламенту (ам) (se va indica  
denumirea completă a Regulamentului (lor) sanitar (e) / указать полное наименование санитарного (ых) регламента (ов)**

ST-001:2007, SF 38950218-001:2007, SF 38950218-004:2008, SF 38950218-003:2008,  
SF 38950218-005:2007, GOST 19008-93, GOST 14253-83, San PiN 42-125-4390-87,  
HG nr.913 din 25.07.2016

**Organizația-producătoare/importatoare, țara de origine / организация произв./импортёр, страна происхождения**

Republica Moldova, FPC "UZUAL-SC" SRL

**Destinatarul avizului sanitar / получатель санитарного заключения**

FPC "UZUAL-SC" SRL, Moldova, Chișinău, bd. Dacia, 11, ap.7

**Ca temel pentru recunoașterea conformității produselor Regulamentului (lor) sanitar (e) menționat (e) a servit /**  
*Основанием для признания продукции указанному (ым) санитарному (ым) регламенту (ам) послужило*

Demers, autorizație sanitară de funcționare nr.10166 din 02.12.2016, contracte materie primă, SF, GOST,  
specificații tehnice, aviz sanitar nr.34 din 09.01.2017, nr.926 din 05.04.2017, nr.1531 din 06.06.2017,  
(a enumera documentele de înțelegere, bulstigele de analiză / перечислите документы, на которые даны протоколы исслед.)  
rapoarte a încercărilor de laborator nr.7591-7592 din 11.11.2020

**Caracteristica sanitară a produselor / санитарная характеристика продукции:**

**Parametrii (factorii) / показатели (факторы)**

**Normativul sanitar / санитарный норматив**

conform rapoartelor încercărilor de laborator nr.7591-7592 din 11.11.2020

**Domeniu de utilizare / Область применения:**

umplerea pernelor, iorganelor, căptușeala  
mobilei, confecționarea îmbrăcămintei, încălțăminte, materiale pentru acoperișuri

**Condițiile necesare de utilizare, depozitare, transportare, măsurile de securitate / Необходимые условия  
использования, хранения, транспортировки, меры безопасности:**

plasarea pe piață în condițiile respectării legislației în vigoare în Republica Moldova

**AVIZUL SANITAR este valabil pînă la / Санитарное Заключение действительно до:** 30 noiembrie 2023

Int.

**DIRECTORUL AGENȚIEI NAȚIONALE PENTRU SĂNĂTATE PUBLICĂ**

Vasile GUȘTIUC

(numele, prenumele / И.О.)



ANSP/HA03

0004246

03

ex: St. Constantinovici  
tel: 574 679

10-XVI-09

**Test Report No.:** 0154097195a 001

Page 1 of 5

**Client:** SHANGHAI XM GROUP LTD

Office 2403~2403, 24th Floor, Zhongyi International Commercial Plaza, 1833  
Zhongshan North Road, Shanghai, China

Contact Person: Anna He

**Sample Description As Declared :**

No. Of Sample : One (1)  
Sample Description : Econom-245 TC 65/35 245gsm twill 3/1, Navy

**Sample Receiving date:** 2015-04-28

**Delivery condition:** Apparent good, Samples tested as received

**Test Period:** 2015-04-28 to 2015-05-04

For and on behalf of  
TÜV Rheinland (Shanghai) Co., Ltd.



2015-05-04

Tina Wu / Department Manager

Date

Name/Position

*Test result is drawn according to the kind and extent of tests performed.*

*This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*

## Conclusion

Banned Azo Dyes (1907/2006/EC)

M001  
P

Note : P = Pass  
# = No Comment  
N/A = Not Applicable

F = Fail  
- = Did Not Perform  
\* = See Remark

## Material list

| Material No. | Material | Color | Location     |
|--------------|----------|-------|--------------|
| M001         | Textile  | Navy  | Woven fabric |

**1. Banned Azo Dyes (1907/2006/EC)****Test Method:** EN 14362-1:2012**Test Result:**

| Test No. | Material No. | Method     | Unit  | RL | Test Result | Conclusion |
|----------|--------------|------------|-------|----|-------------|------------|
| 1        | M001         | EN 14362-1 | mg/kg | 5  | n.d.        | Pass       |

**Abbreviation:** n.d. = not detected (< Reporting Limit)  
RL = Reporting Limit  
mg/kg = milligram per kilogram

**Remarks:**

- \* The CAS-number 97-56-3 (A5) and 99-55-8 (A6) are further reduced to CAS-number 95-53-4 (A18) and 95-80-7 (A19).
- \*\* Azo colorants that are able to form CAS-number 60-09-03 (A22), generate under the condition of this method CAS-number 62-53-3 (A25) and 106-50-3 (A26).
- \*\*\* Azo colorants that are able to form 4-aminoazobenzene (A22), is confirmed by EN 14362- 3:2012/ ISO 17234-2:2011.
- \*\*\*\* Azo colorants are detected & quantified by GC/MS and confirmed by LC/MS.
- ^ Additional azo colorants were tested according to customer's requirement.

List of azo colorants being tested:

| ID  | Azo colorant                                                                    | CAS No.  | ID    | Azo colorant                                                                   | CAS No.  |
|-----|---------------------------------------------------------------------------------|----------|-------|--------------------------------------------------------------------------------|----------|
| A1  | biphenyl-4-ylamine / 4-aminobiphenyl / xenylamine                               | 92-67-1  | A14   | p-cresidine                                                                    | 120-71-8 |
| A2  | benzidine                                                                       | 92-87-5  | A15   | 4,4'-methylene-bis-(2-chloro-aniline) / 2,2'-dichloro-4,4'-methylene-dianiline | 101-14-4 |
| A3  | 4-chloro-o-toluidine                                                            | 95-69-2  | A16   | 4,4'-oxydianiline                                                              | 101-80-4 |
| A4  | 2-naphthylamine                                                                 | 91-59-8  | A17   | 4,4'-thiodianiline                                                             | 139-65-1 |
| A5* | o-aminoazotoluene / 4-amino-2',3'-dimethylazobenzene / 4-o-tolylazo-o-toluidine | 97-56-3  | A18   | o-toluidine / 2-aminotoluene                                                   | 95-53-4  |
| A6* | 5-nitro-o-toluidine                                                             | 99-55-8  | A19   | 4-methyl-m-phenylenediamine                                                    | 95-80-7  |
| A7  | 4-chloroaniline                                                                 | 106-47-8 | A20   | 2,4,5-trimethylaniline                                                         | 137-17-7 |
| A8  | 4-methoxy-m-phenylenediamine                                                    | 615-05-4 | A21   | o-anisidine / 2-methoxyaniline                                                 | 90-04-0  |
| A9  | 4,4'-methylenedianiline / 4,4'-diaminodiphenylmethane                           | 101-77-9 | A22** | 4-aminoazobenzene                                                              | 60-09-3  |
| A10 | 3,3'-dichlorobenzidine / 3,3'-dichlorobiphenyl-4,4'-ylenediamine                | 91-94-1  | A23^  | 2,4-xylidine                                                                   | 95-68-1  |
| A11 | 3,3'-dimethoxybenzidine                                                         | 119-90-4 | A24^  | 2,6-xylidine                                                                   | 87-62-7  |
| A12 | 3,3'-dimethylbenzidine / 4,4'-bi-o-toluidine                                    | 119-93-7 | A25^  | Aniline                                                                        | 62-53-3  |
| A13 | 4,4'-methylenedi-o-toluidine                                                    | 838-88-0 | A26^  | 4-aminoaniline                                                                 | 106-50-3 |

Sample Photo:



- END -



# 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](https://www.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 Ajdichovic  
Ecology Team Leader

Zurich, 2023-07-21

