



|                     |  |
|---------------------|--|
| Fabric name         | Eco-210  |
| Fabric weight       | 210 ± 5 gsm  |
| Composition         | 65% Recycled Polyester,<br>35% Recycled Cotton                                       |
| Full width          | 152 ± 2 cm   |
| Weave               | twill 2/1  |
| 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     | 360  |
| 2 | Tearing strength, N   | ISO 13937-3:2000 | 30       | 20   |
| 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)

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# CERTIFICATE

## The company

**SHANGHAI XM GROUP LTD.**  
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China

is granted authorisation according to STANDARD 100 by  
OEKO-TEX® to use the STANDARD 100 by OEKO-TEX®  
mark, based on our test report **BJ015 206122.1**



**BEWO 084394 TESTEX**

Tested for harmful substances  
[www.oeko-tex.com/standard100](http://www.oeko-tex.com/standard100)



## for the following articles:

**Woven fabrics made of 100% CO, CO/PES, 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 incl. fluorescent colours) and finished, all with PAN coating; undyed or dyed (incl. fluorescent colours) knitted fabrics (incl. fleece) and UV protection fabrics made of 100% PES, PES/CO, PES/CV, 100% MAC, MAC/CO, MAC/CV, MAC/CO/PES, 100% PP, PP/PES, with or without spandex (EL) and with or without antistatic; dyed woven/knitted bonded fabric made of PES, PES/EL with or without PU, TPU, PTFE membrane laminated (based on material pre-certified according to STANDARD 100 by OEKO-TEX®)**

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Annex 4, **product class II** have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Annex 4 for products with direct contact to skin.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass) and of the Chinese standard GB 18401:2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

**The certificate BEWO 084394 is valid until 8/15/2023**

Zurich, 7/22/2022

**Matz Bachmann**  
Managing Director

**Faisal Rizal**  
Ecology Team Leader

