

# Unitec-240

65% POLYESTER / 35% COTTON

240GSM / TWILL 2/1



Fabric name	Unitec-240
Fabric weight	240 ±5 gsm
Composition	65% Polyester, 35% Cotton
Full width	150 ±2 cm
Weave	twill 2/1
Finishes	—
Area of use	workwear jackets, trousers and coveralls
Washing instruction	

## Physical properties

			warp	weft
1	Tensile strength, N	ISO 13934-1:2013	1300	800
2	Tearing strength, N	ISO 13937-3:2000	40	40
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	ISO 12945-2:2000	4	
6	Colour Fastness To Washing (cotton+polyester) 60°C, min.	ISO 105-C06:2010		
	Colour change	ISO 105-C06:2010	4-5	
	Colour staining	ISO 105-C06:2010	3-4	
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		3-4	
	Wet		2-3	
9	Colour Fastness To Light	ISO 105-B02:2013	> 4	

ÖZER FERMUAR ( FİM FERMUAR) - İSMET  
ÖZER  
M.NESİH ÖZMEN MAH. SAVAŞ CAD.  
SOĞANGÖZ İŞ MERKEZİ NO:12 / A  
GUNGÖREN  
34160 İSTANBUL, TÜRKİYE



AITEX  
ASOCIACIÓN DE INVESTIGACIÓN DE LA  
INDUSTRIA TEXTIL Y COSMÉTICA  
CARRETERA DE BANYERES, 10  
ES-03802 ALCOY (ALICANTE), SPAIN

# Certificate

## OEKO-TEX® STANDARD 100

### ÖZER FERMUAR ( FİM FERMUAR) - İSMET ÖZER

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

#### SCOPE

Zippers with raw cotton (also white and yarn-dyed) tapes and metal (brass) chains electroplated in oxide, raw, brass, tin and black. Zippers made of white or black POM (bone, chains and stopper) with white and dope-dyed polyester tapes, and slider, puller, pin and box made of brass or zamak electroplated in oxide, nickel, tin, nickel black or painted. Zippers with polyester tape (with or without TPU waterproof film) and coil, in white and piece-dyed or yarn dyed, with transparent PA or PES reinforcement film tape, slider, puller, pin and box made of zamak or brass in raw or electroplated in oxide, tin, nickel black and nickel. Metal buttons made of zamak or brass in raw or electroplated in oxide, tin, nickel black and nickel.

#### PRODUCT CLASS

I (baby articles) - Annex 4



STANDARD 100 2021OK1587 AITEX

This certificate 2021OK1587 is valid until  
31.07.2026.

#### SUPPORTING DOCUMENTS

- ✓ Test report : 2025OK3419
- ✓ Declaration of conformity in accordance with EN ISO 17050-1 as required by OEKO-TEX®
- ✓ OEKO-TEX® Terms of Use (ToU)

*Isabel Soriano*

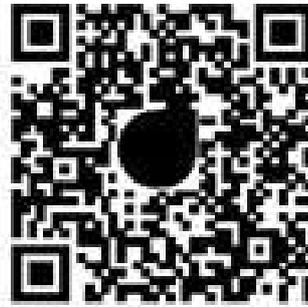
Isabel Soriano Sarrió  
Laboratories and International Offices Subdirector

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

Alcoy (Alicante) España, 2025-12-04





**STANDARD  
100**

**BEWO 084394  
TESTEX**

**This certificate BEWO 084394 is valid until  
15.08.2026.**

## **SUPPORTING DOCUMENTS**

- ✓ Test report : BJ015 266840.1
- ✓ 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**

**Janine Kuchelmeister  
Ecology Team Leader**

Digitally signed by Cozac Svetlana  
Date: 2026.02.16 14:45:19 EET  
Reason: MoldSign Signature  
Location: Moldova  
MOLDOVA EUROPEANĂ



Zurich, 2025-07-24

SHANGHAI XM GROUP LTD

ROOM 2403, ZHONGYI INTERNATIONAL BUILDING NO.1833, NORTH ZHONGSHAN ROAD, SHANGHAI

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A)Woven fabric (UNITEC-240,TC 65/35 240GSM twill 2/1 58/59",Order:XMT-20-091)

Sample Color : (A)Palace Blue #C3

Proposed Care Instruction :



Sample Receiving Date : Jul 22, 2020

Testing Period : Jul 22, 2020 - Jul 27, 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)

Digitally signed by Cozac Svetlana

Date: 2026.02.16 14:23:40 EET

Reason: MoldSign Signature

Location: Moldova

MOLDOVA EUROPEANĂ



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Test Result

**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 Rubbing**

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

As Received

	Unit	(A)
Dry Staining	-	4-5
Wet Staining	-	3

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	-	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.

**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	%	-0.8
Widthwise	%	-0.6

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



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**Tearing Strength**

(ISO 13937-2:2000; )

	Unit	(A)
Warp/Length Yarns Torn	N	56
Weft/Width Yarns Torn	N	54

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

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



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