


Canvas-270

65% POLYESTER / 35% COTTON

270 GSM / CANVAS

ULTRA STRONG*



Fabric name	Canvas-270
Fabric weight	270 ± 5 gsm
Composition	65% Polyester, 35% Cotton
Full width	150 ± 2 cm
Weave	canvas
Finishes	—
Area of use	professional workwear
Washing instruction	

Physical properties*

			warp	weft
1	Tensile strength, N	ISO 13934-1:2013	1800	1000
2	Tearing strength, N	ISO 13937-3:2000	60	50
3	Dimensional Stability To Washing, max.	ISO 6330:2000	3.0%	3.0%
4	Abrasion Resistance	ISO 12947-2:2002	> 20 000	
5	Pilling Resistance (after 1000 rev.)	ISO 12945-2:2000	3-4	
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		3	
9	Colour Fastness To Light	ISO 105-B02:2013	> 4	

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

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Report No.: 0154179605a 001

Client: SHANGHAI XM TEXTILES CO., LTD.

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

Contact Person: Xia Qianqian

Sample Description as Declared:

No. Of Sample : One(1)
Component/Material : 65% Polyester 35% Cotton
Sample Description : CANVAS-270,270gsm,150cm
Colour : Navy2#

**Applicant's Provided
Care Instruction/Label:**



Sample Receiving date: 2016-07-04

Testing Period: 2016-07-04 - 2016-07-07

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

2016-07-08 Carmen Yan / Senior Project 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.*

Test Report No.: 0154179605a 001

Page 2 of 6

Conclusion:

	<u>M001</u>
Tensile Strength - Strip Test	#
Tearing Strength - Wing Rip Tear	#
Dimensional Change To Washing	#
Abrasion Resistance - Determination Of Specimen Breakdown	#
Pilling Resistance - Modified Martindale Method	#
Colour Fastness To Washing	#
Colour Fastness To Perspiration	#
Colour Fastness To Rubbing	#
Colour Fastness To Light	#
Spray Test	#

Note:	P	= Pass	F	= Fail
	#	= No Comment	-	= Did Not Perform
	N/A	= Not Applicable	*	= See Remark

Material List:

Material No.	Material	Color	Location
M001	Textile	Navy #2	CANVAS-270 65% Polyester 35% Cotton, 270gsm, 150cm

Test Report No.: 0154179605a 001

Page 3 of 6

1.Tensile Strength - Strip Test

Test method : ISO 13934-1:2013

M001Breaking force

Warp 1800N

Weft 1000N

2.Tearing Strength - Wing Rip Tear

Test method : ISO 13937-3:2000

M001

Warp 64N

Weft 57N

3.Dimensional Change To WashingTest method : ISO 3759:2011
ISO 5077:2007
ISO 6330:2000+A1:2008

Test condition : Washing programme 2A, at 60°C, with 0.077% ECE Reference Detergent Without Phosphates, 0.02% Sodium Perborate and 0.003% Bleach Activator (TAED) Solution, 2kg loading, tumble dry - normal

Apparatus : Front-loading horizontal rotating drum type

M001After one wash

Warp -3.0%

Weft -0.5%

Remark : (+) = Extension
(-) = Shrinkage**4.Abrasion Resistance - Determination Of Specimen Breakdown**

Test method : BS EN ISO 12947-2:1999/Cor1:2002

M001No. of rubs to
breakdown >20000

Test Report No.: 0154179605a 001

Page 4 of 6

5. Pilling Resistance - Modified Martindale Method

Test method : BS EN ISO 12945-2:2000

No. of rubs : 2000

M001

Rating : 3-4

6. Colour Fastness To Washing

Test method : ISO 105-C06:2010

Test condition : C2S, 30 min mechanical wash at 60°C in 0.4% ECE reference detergent with phosphates and 0.1% sodium perborate with 25 steel balls

M001

Colour change : 4-5

Colour staining

- Triacetate : 4-5

- Cotton : 4-5

- Polyamide : 3-4

- Polyester : 4

- Acrylic : 4-5

- Viscose : 4-5

7. Colour Fastness To Perspiration

Test method : ISO 105-E04:2013

M001

	<u>Acid</u>	<u>Alkaline</u>
Colour change	4-5	4-5

Colour staining

- Acetate : 4-5 : 4-5

- Cotton : 4-5 : 4-5

- Polyamide : 4-5 : 4-5

- Polyester : 4-5 : 4-5

- Acrylic : 4-5 : 4-5

- Wool : 4-5 : 4-5

Test Report No.: 0154179605a 001

Page 5 of 6

8. Colour Fastness To Rubbing

Test method : ISO 105-X12:2001

M001Dry

- Length 4-5

- Width 4-5

Wet

- Length 4

- Width 4

9. Colour Fastness To Light**Test Method :** ISO 105-B02:2014**Apparatus :** Xenon-arc lampM001**Grade** >4

Remark : Up to grade 4

10. Spray Test

Test method : AATCC TM 22-2014

M001**Rating** 90

Test Report No.: 0154179605a 001

Page 6 of 6

Sample Photo



- END -



**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**