



# BACA<sup>®</sup> Cargo Work Shorts

Code: **TR4145**

**28-48  
sizes**



*These cargo work shorts are designed for warm working climates and summer weather. They are made of durable polycotton fabric and feature triple stitching in key stress points for added durability. The shorts also have cargo pockets on both legs, hip pockets, and sealed back pockets, providing ample storage space for tools and other essentials. They are a practical and comfortable choice for workers who need functional and durable shorts for warm weather.*

- 50gsm, 65% polyester, 35% cotton
- Bar tack and triple-stitched in stress areas
- 2 back pockets with flaps, side pockets and cargo pockets
- Metal stud fastening with belt loops for secure wear
- Semi-elasticated waist for comfort
- Machine wash at 40°C



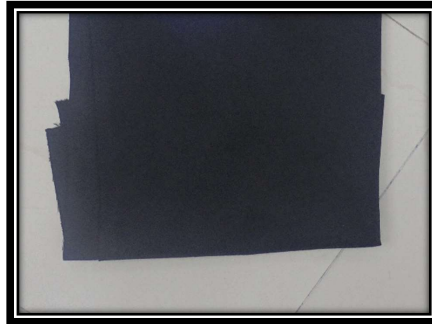
Report No. FTL-003/020526

## TEST REPORT

<b>COMPANY NAME:</b>	Nizamsons (Pvt.) Ltd.	<b>Sample Receiving Date:</b>	02-05-2026
<b>Customer</b>	Pakki Kotli, Toorabad,	<b>Testing dates:</b>	03-05-202
<b>ADDRESS:</b>	Daska road, Sialkot-Pak.	<b>Report Issue Date:</b>	05-05-2026
<b>Department/ Customer</b>	Marketing N-3	<b>Tel.</b>	+92 52 3252201-05
<b>Contact Person</b>	Mr. Salman Arshad	<b>Email:</b>	<a href="mailto:salman.arshad@nizamalam.group">salman.arshad@nizamalam.group</a>

Buyer:	<b>BACA</b>
Sample Description:	Twill Zean Fabric
Color(s):	Black
GSM / Thickness:	250 GSM
Manufacturer:	Nizamsons (Pvt.) Ltd
Article no.:	TR4220/TR4145
PO no.:	-
Composition:	65% Poly 35% Cotton
Quantity Submitted:	01 meter
Country of Destination:	Pakistan
End Use:	Garments
Test Requested:	Dimensional changes after washings, Tensile strength-strip Method of fabric, Trousers Shaped Tear, Color fastness to washing, Color fastness to crocking, Color fastness to perspiration in Alkaline and acid, Pilling and Abrasion resistance
Special instructions:	Shrinkage after 05 washes @ 40 degree

### Digital Image of Tested Samples



FIRST TESTING LAB  
AUTHORIZED SIGNATORIES

*A. Basif*  
**Prepared by**

*Rehan Qamar*  
**Reviewed by**

*[Signature]*  
**Approved by**

**Please Contact:**  
For any Technical Issues: Mr. Mohsin Bashir / Rehan Qamar

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**TEST RESULTS**

Sr#	Parameter	Test Method	Unit	Results	
1	Dimensional changes after washing at 40°C	ISO 6330/5077	%	Warp	-0.3%
				Weft	-0.5%
2	Tensile strength-Strip Method	ISO 13934-1:2014	N	Warp	875.71
				Weft	406.62
3	Determination of tear resistance (Trousers shape specimen)	ISO 13937-2:2000	N	Warp	39.06
				Weft	40.26

Sr#	Parameter	Test Method	Unit	Results	
4	Crock Test (Dry)	BS EN ISO 105x12:2002	Grey Scale Rating	4-5	
	Crock Test (Wet)			3-0	
5	Color Fastness to Washing (40 °C)	BS EN ISO 105 C06	Grey Scale Rating	Color Change	4-5
				<b>Staining</b>	
				Acetate	4-5
				Cotton	4-5
				Nylon	4-5
				Polyester	4-5
				Acrylic	4-5
Wool	4-5				

Sr#	Parameter	Test Method	Unit	Results		
6	Color Fastness to Perspiration	(ISO 105 E04:2013)	Grey Scale Rating	Color Change:	4-5	4-5
				<b>Staining (Alkaline)</b>		<b>(Acidic)</b>
				Acetate	4-0	4-0
				Cotton	4-0	4-0
				Nylon	4-0	4-0
				Polyester	4-0	4-0
				Acrylic	4-0	4-0
				Wool	4-0	4-0
7	Pilling Resistance (Modified Martindale Method)	ISO 12945-2	rubs	Pilling after 5000 rubs	4-0	
				Fuzzing after 5000 rubs	4-0	
8	Abrasion Resistance	ISO12947-2	rubs	Load on specimen	9 kPa	
				The sample didn't break at 35,000 rubs		

**Measurement Uncertainty and Decision Rule:**

The Measurement Uncertainty is based on standard uncertainty multiplied by a coverage factor of K=2 at confidence level of 95%.

- Statement of conformity not shared with customer as specifications limits/ requirements are not provided by the client.
- Measured value by including its associated uncertainty meets customer requirements, and sample conform with its requirements.
- Measured value by including its associated uncertainty does not meet customer requirements, and hence sample does not conform.

**Please Note that:**

1. This test report is based on the particular sample supplied by the customer. The retention period of the sample is 90 days after the date of analysis.
2. Sampling has not been performed by the FTL representatives.
3. Report isn't valid for any negotiation. This report is not valid for court

*End of Report*



Report No. FTL-004/020526

## TEST REPORT

<b>COMPANY NAME:</b>	Nizamsons (Pvt.) Ltd.	<b>Sample Receiving Date:</b>	02-05-2026
<b>Customer</b>	Pakki Kotli, Toorabad,	<b>Testing dates:</b>	03-05-202
<b>ADDRESS:</b>	Daska road, Sialkot-Pak.	<b>Report Issue Date:</b>	05-05-2026
<b>Department/ Customer</b>	Marketing N-3	<b>Tel.</b>	+92 52 3252201-05
<b>Contact Person</b>	Mr. Salman Arshad	<b>Email:</b>	<a href="mailto:salman.arshad@nizamalam.group">salman.arshad@nizamalam.group</a>

Buyer:	<b>BACA</b>
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PO no.:	-
Composition:	65% Poly 35% Cotton
Quantity Submitted:	01 meter
Country of Destination:	Pakistan
End Use:	Garments
Test Requested:	Dimensional changes after washings, Tensile strength-strip Method of fabric, Trousers Shaped Tear, Color fastness to washing, Color fastness to crocking, Color fastness to perspiration in Alkaline and acid, Pilling and Abrasion resistance
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**TEST RESULTS**

Sr#	Parameter	Test Method	Unit	Results	
1	Dimensional changes after washing at 40°C	ISO 6330/5077	%	Warp	-0.33%
				Weft	0.0%
2	Tensile strength-Strip Method	ISO 13934-1:2014	N	Warp	890.25
				Weft	480.13
3	Determination of tear resistance (Trousers shape specimen)	ISO 13937-2:2000	N	Warp	38.32
				Weft	41.24

Sr#	Parameter	Test Method	Unit	Results	
4	Crock Test (Dry)	BS EN ISO 105x12:2002	Grey Scale Rating	4-5	
	Crock Test (Wet)			3-4	
5	Color Fastness to Washing (40 °C)	BS EN ISO 105 C06	Grey Scale Rating	Color Change	4-5
				<b>Staining</b>	
				Acetate	4-5
				Cotton	4-5
				Nylon	4-5
				Polyester	4-5
				Acrylic	4-5
Wool	4-5				

Sr#	Parameter	Test Method	Unit	Results		
6	Color Fastness to Perspiration	(ISO 105 E04:2013)	Grey Scale Rating	Color Change:	4-5	4-5
				<b>Staining (Alkaline)</b>		<b>(Acidic)</b>
				Acetate	4-0	4-0
				Cotton	4-0	4-0
				Nylon	4-0	4-0
				Polyester	4-0	4-0
				Acrylic	4-0	4-0
				Wool	4-0	4-0
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