TEST REPORT

Report No.: 66.430.26.4600.01

Dated: 2026-09-15

中国认可
国际互认
检测
TESTING
CNAS L7038

Applicant:	Treck S.A.
Address:	Avenida Santa Rosa 5220 San Joaquin, Santiago, Chile
Contact Person:	Andres
Sample Submitted:	The Sample(s) and Its (Their) Information(s) Was (Were) Submitted by Applicant and Identified. A. Orange/Black outer vest (the whole garment/12-06-717) - 1 piece B. Navy/Black outer vest (the whole garment/12-06-718) - 1 piece C. Red/Black outer vest (the whole garment/147-20-067) - 1 piece D. Khaki shirt (the whole garment/06-01-191) - 1 piece E. Navy/Black shirt (the whole garment/12-06-721) - 1 piece F. Khaki trousers (the whole garment/06-01-109) - 1 piece G. Navy/Black trousers (the whole garment/12-06-722) - 1 piece H. Orange/Black coverall (the whole garment/12-06-713) - 1 piece I. Navy/Black coverall (the whole garment/12-06-714) - 1 piece J. Red/Black coverall (the whole garment/12-06-715) - 1 piece K. Navy/Orange coverall (the whole garment/12-06-716) - 1 piece L. Red/Black jacket (the whole garment/12-06-719) - 1 piece M. Navy/Black jacket (the whole garment/12-06-720) - 1 piece N. Orange woven fabric - 1 piece O. Red woven fabric - 1 piece P. Khaki woven fabric - 1 piece Q. Navy woven fabric - 1 piece R. Black woven fabric - 1 piece S. Khaki shirt (the whole garment/12-06-159) - 1 piece T. Navy shirt (the whole garment/12-06-160) - 1 piece U. Light Blue shirt (the whole garment/147-20-052) - 1 piece V. Khaki shirt (the whole garment/12-06-172) - 1 piece W. Navy shirt (the whole garment/147-20-045) - 1 piece
Sample Description:	98% Cotton 2%anti-static 220gsm±5%, Twill
Colour:	Orange, Red, Khaki, Navy, Black
Style No.:	FRDURATEX-COA220
Sample Received Date:	2026-08-21
Date of Testing:	2026-08-25 to 2026-08-28 and 2026-09-08 to 2026-09-10
Test Result(s):	Refer to the Section 2 and 3

Note:
(1) Each order is subject to acceptance of our General Terms and Conditions and the TÜV SÜD Testing, Certification, Validation and Verification Regulation, in the version valid at the time the contract is concluded. For full version of above both documents, please visit the link to view.
(2) The results in this report are relevant only to the sample(s) tested.
(3) The test report shall not be reproduced except in full without the written approval of the laboratory.
(4) Disclaimer Measurement Uncertainty:
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 or CNAS-GL015:2022.
(5) The testing report without CMA stamp is not legally binding and could only be used as internal reference material for the applicant. It shall not be provided as a notarial certification.

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1. Test Sample Photo(s)

Sample A
Front



Back



Sample B
Front



Back



Sample C
Front



Back



Sample D
Front



Back



Sample E
Front



Back



Sample F
Front



Back



Sample G
Front



Back



Sample H
Front



Back



Sample I
Front



Back



Sample J
Front



Back



Sample K
Front



Back



Sample L
Front



Back



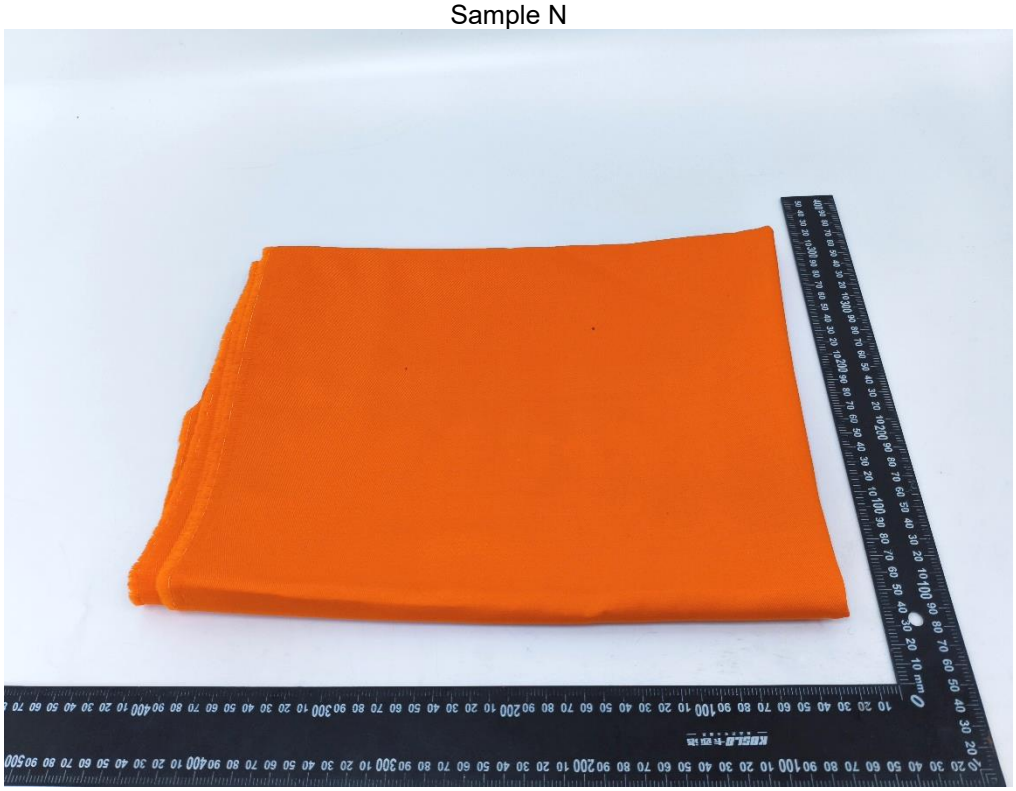
Sample M
Front



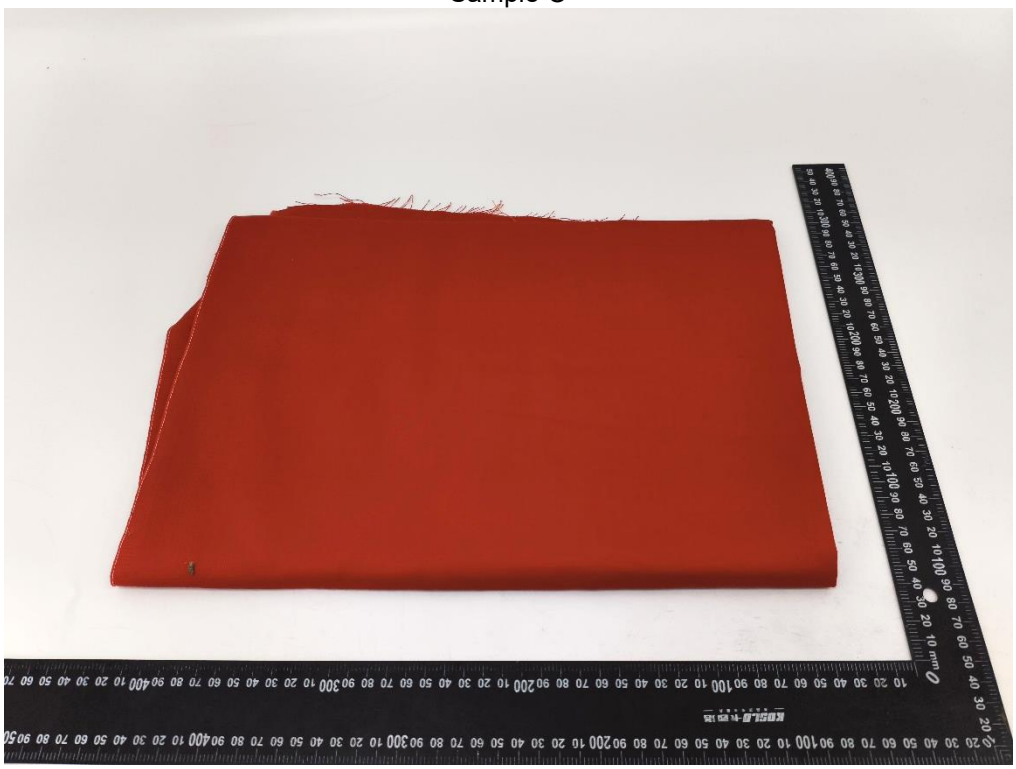
Back



Sample N



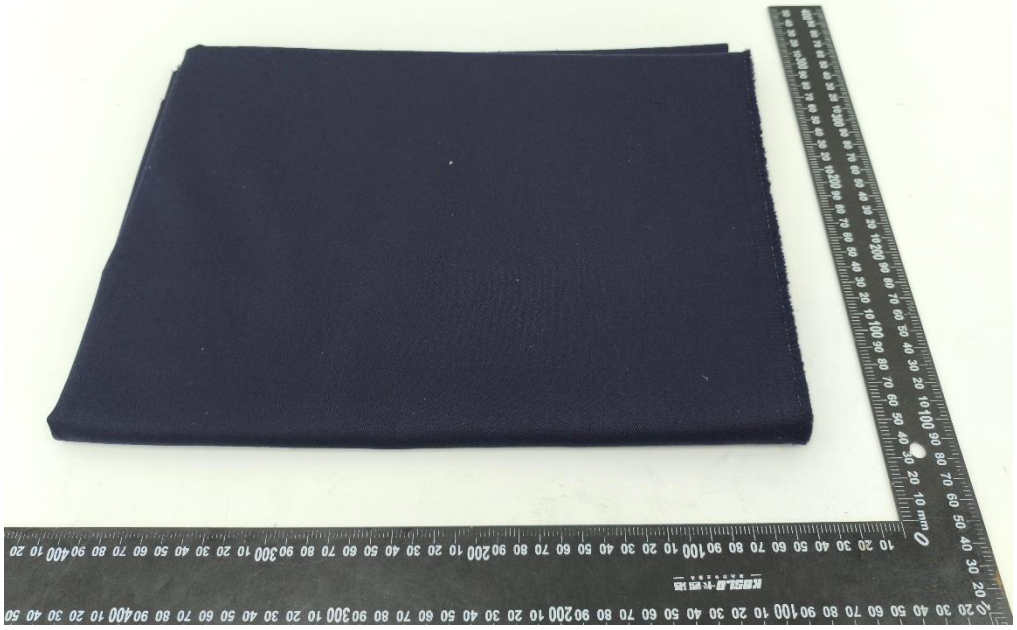
Sample O



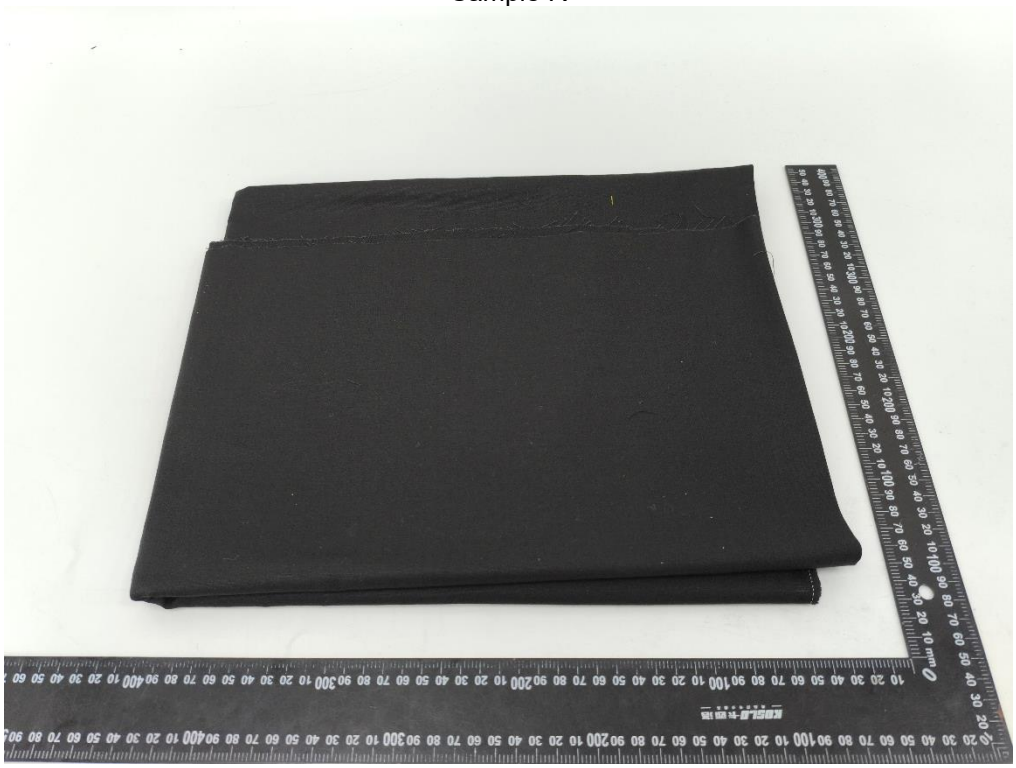
Sample P



Sample Q



Sample R



Sample S
Front



Back



Sample T
Front



Back



Sample U
Front



Back



Sample V
Front



Back



Sample W
Front



Back



2. Conclusion

No.	Test Parameter(s)	Conclusion
1.	General Clothing Design Requirements	Pass
2.	UVR Protection	Pass

Notes: Pass = Meet Requirement
Fail = Below Requirement
# = No Comment
- = Did Not Perform
N/A = Not Applicable

Remark: (1) Samples are tested as received.

TÜV SÜD Certification and Testing (China) Co., Ltd. Xiamen Branch

Reviewed by:

Stacey Yang
Softlines Department

Approved by:

Damon Zheng
Softlines Department

3. Test Result(s)

3.1 General Clothing Design Requirements (EN 13758-2:2003+A1:2006 Clause 4.1)

Sample	Results	Requirements	Conclusion
A+D	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
A+E	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
A+S	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
A+T	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
A+U	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
A+V	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
A+W	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
B+D	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
B+E	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
B+S	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
B+T	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
B+U	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
B+V	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
B+W	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
C+D	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
C+E	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
C+S	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
C+T	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
C+U	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
C+V	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
C+W	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
D	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
E	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
F	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass
G	Comply	Clothing designed to offer protection to the lower body shall at least cover the lower body completely.	Pass
H	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
I	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass

3.1 General Clothing Design Requirements (EN 13758-2:2003+A1:2006 Clause 4.1)

Sample	Results	Requirements	Conclusion
J	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
K	Comply	Clothing designed to offer protection to both the upper and lower body shall at least cover the upper and lower body completely.	Pass
L	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass
M	Comply	Clothing designed to offer protection to the upper body shall at least cover the upper body completely.	Pass

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
N - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1879.64	-	
	$UVA_{Average}$ (%)	0.08	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	15.11	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
N - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	1852.99	-	
	$UVA_{Average}$ (%)	0.09	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	20.35	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.01	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) ballast + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
O - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	>2000.00	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	0.00	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
O - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	>2000.00	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	0.00	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) ballast + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
P - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	680.57	-	
	$UVA_{Average}$ (%)	0.37	< 5%	
	$UVB_{Average}$ (%)	0.11	-	
	Standard Deviation of $UPF_{Average}$	21.30	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.01	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
P - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	369.02	-	
	$UVA_{Average}$ (%)	0.59	< 5%	
	$UVB_{Average}$ (%)	0.20	-	
	Standard Deviation of $UPF_{Average}$	27.39	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.03	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.02	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) ballast + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
Q - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	>2000.00	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	0.00	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
Q - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	>2000.00	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	0.00	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) ballast + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

3.2 UVR Protection (EN 13758-2:2003+A1:2006 Clause 4.2, EN 13758-1:2001+A1:2006)

Washing test method: ISO 6330:2021
Washing cycles: 5 cycles
Type: Uniform

Sample	Parameters	Results	Requirement	Conclusion
R - As received	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	>2000.00	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	0.00	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	
R - After washing	UPF Rating	>50	> 40	Pass
	$UPF_{Average}$	>2000.00	-	
	$UVA_{Average}$ (%)	0.05	< 5%	
	$UVB_{Average}$ (%)	0.05	-	
	Standard Deviation of $UPF_{Average}$	0.00	-	
	Standard Deviation of $UVA_{Average}$ (%)	0.00	-	
	Standard Deviation of $UVB_{Average}$ (%)	0.00	-	

Remark: Procedure No.: 6N; Using horizontal axis, front-loading type machine: Machine wash at 60 °C with 2 kg total dry mass (type I (100% cotton) ballast + specimen) and “ECE(A)” detergent +sodium perborate + TAED. Tumble dry low. Wash all the samples together.

-- END OF THE TEST REPORT --