Total Quality. Assured.

TEST REPORT

Number: GZHT91313762

Applicant: TRECK SA
SANTA ROSA 5220 SAN
JOAQUIN SANTIAGO CHILE
Attn: MR. HYSEN

Date: Jan 20, 2025

Sample Description:

Four (4) pairs of submitted samples said to be Pull on V-FLEX safety rubber boots M700 in Blue.

Standard	:	ASTM F1116-14a / ASTM F1117-03 (2019) ASTM F2413-24
Size	:	EUR 42
Ref. No.	:	Bota Activex M700 Dielectrica
Insert Plate	:	Kevlar insert plate
Toe Cap	:	Composite toe cap
Sole	:	Rubber with kevlar plate inside
Upper	:	Rubber
Vamp Lining	:	Polyester
Quarter/Counter Lining	:	Polyester
Tongue	:	N/A
Collar	:	N/A
Date of Sample Received	:	Jan. 09, 2025
Testing Period	:	Jan. 09, 2025-Jan. 16, 2025
Date Final Information Confirmed/ Date Payment Received:		--

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager

cm/stellaxue

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Tests Conducted (As Requested By The Applicant)

1 Dielectric Strength Of Dielectric Footwear (ASTM F1116-14a)

Test Condition:

Test Voltage:	20 000 Voltages (rms value)
Rate Of Rise:	(1 000±20) volts
Test Period:	1 to 3 min
Clearances Between Electrodes:	152 mm / 6 inch

Size		Test Period			Requirement	Pass/Fail
		1 min	2 min	3 min		
42	Left	Withstand	-	-	Min. 1 min	Pass
	Right	Withstand	-	-	Min. 1 min	Pass

2 Protective Toe Impact Resistance (I) (ASTM F2412-24, 5, Impact Energy: 101.7 J (75 ft-Ib), Testing Performed At 22℃ And 50% RH)

	Interior Height Clearance	ASTM F2413-24 Requirement	Pass / Fail
Left:	12.9 mm	≥ 12.7 mm	Pass
Right:	13.1 mm	≥ 12.7 mm	Pass
Right:	12.8 mm	≥ 12.7 mm	Pass

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3 Puncture Resistance Footwear (PR) (ASTM F2412-24, 11, Modified Conditioned At 22℃ And 50% RH For 24 h And Testing Performed At The Same Conditions.)

	Perforation Point			Applicant's Requirement	Pass/Fail
	Test Point 1	Test Point 2	Test Point 3		
Left	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	Min. 1 200 N (*)	Pass
Right	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	Min. 1 200 N (*)	Pass
Right	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.	Min. 1 200 N (*)	Pass

Remark: * = The Test Pin Does Not Visually Penetrate Beyond The Face Of The Material Nearest The Foot After An Applied Force Of 1 200 N.

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End of Report

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