



Total Quality. Assured.
TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT91302394

Date: Nov 29, 2024

Applicant: CORTINA N.V.
MEERSBLOEM-MELDEN 42,
9700 OUDENAARDE, BELGIUM
Attn: REBECCA/JENNY

Sample Description:

Two (2) groups of submitted samples said to be:
(A) Three (3) pairs of Women's lace up low cut safety boots in Black
(B) One (1) pair of Women's lace up safety ankle boots in Black.
Standard : ASTM F2413-24
Size : WOMEN US#8
Buyer's Name : CORTINA
Ref. No : (A) BESTGIRL S3 LOW (BSTGRLS3LO)
(B) BESTLADY S3 MID (BSTLDYS3M)
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Colour : Black
Vendor : --
Supplier : --
P.O. No. : --
Ref. : Sole: PU+PU
Insert Plate: SJ Steel Plate
Toe Cap: SJ Metallic Toecap (#001)
Upper: Black Dull Buff Tango WP Leather
Vamp Lining: Black SJ BK Mesh
Quarter Lining: Black SJ BK Mesh
Seat Region Lining: Black Andorra Nubuck Microfiber
Insole: Non-woven
Insock: Dark Grey Polyester Mesh + SJFOAM2 Industrial (PU)/SJ3FIT
(REGULAR)
Country Of Origin : --
Goods Exported To : E.U./U.S.
Date Received/Date Test Started : Nov. 21, 2024
Testing Period : Nov. 21, 2024-Nov. 28, 2024
Date Final Information Confirmed: --

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



EC / lynnyang

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou 510730
广州市黄埔区保盈东路8号401房、501房、601房、801房、901房、1003房
Tel: +86 20 2820 9114 Postcode: 510730





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

(A)		<u>ASTM F2413-24 Requirement</u>	<u>Pass / Fail</u>
	Interior Height Clearance		
Left:	19.5 mm	≥ 11.9 mm	Pass
Right:	18.7 mm	≥ 11.9 mm	Pass
Left:	18.6 mm	≥ 11.9 mm	Pass

- 2 Protective Toe Compression Resistance (C) (ASTM F2412-24, 6, Compressive Force: 11 121 N (2 500 lbf), Testing Performed At 22°C And 50% RH)

(A)		<u>ASTM F2413-24 Requirement</u>	<u>Pass / Fail</u>
	Interior Height Clearance		
Left:	23.5 mm	≥ 11.9 mm	Pass
Right:	22.3 mm	≥ 11.9 mm	Pass
Right:	22.4 mm	≥ 11.9 mm	Pass





3 Static Dissipative Footwear (SD) (ASTM F2412-24, 10, Conditioned At 22°C And 50% RH For 24 h And Testing Performed At The Same Conditions.)

(A)		<u>ASTM F2413-24 Requirement</u>		<u>Pass/Fail</u>
Sample 1	Left	$2.1 \times 10^6 \Omega$	*	Pass
	Right	$3.4 \times 10^6 \Omega$	*	Pass
	One Pair	$1.6 \times 10^6 \Omega$	*	Pass
Sample 2	Left	$9.5 \times 10^6 \Omega$	*	Pass
	Right	$4.6 \times 10^6 \Omega$	*	Pass
	One Pair	$2.6 \times 10^6 \Omega$	*	Pass
Sample 3	Left	$6.5 \times 10^6 \Omega$	*	Pass
	Right	$7.3 \times 10^6 \Omega$	*	Pass
	One Pair	$4.2 \times 10^6 \Omega$	*	Pass

Remark: * = SD 10 : $1 \times 10^6 \Omega \sim 1 \times 10^7 \Omega$



4 Slip Resistant Footwear (SR) (ASTM F2913-24)

Conditioning Test Specimen		Test Condition	
Temperature	(23±2) °C	Atmosphere	(23±2) °C, (50±5)% RH
Relative Humidity	(50±5)% RH	Test Surface	Flat Unglazed Clay Quarry Tile
Period	At Least 3 Hours	Vertical Force	400 N

(A)

Size	Sequence	Conditions	Modes	Results (COF)	ASTM F2413-24 Requirement	Pass/Fail
8 (Left)	Dry Then Wet	Dry	Forward Heel Slip	0.60	Min. 0.40	Pass
			Backward Forepart Slip	0.60	Min. 0.40	Pass
		Wet	Forward Heel Slip	0.45	Min. 0.40	Pass
			Backward Forepart Slip	0.52	Min. 0.40	Pass
8 (Right)	Wet Then Dry	Wet	Forward Heel Slip	0.40	Min. 0.40	Pass
			Backward Forepart Slip	0.43	Min. 0.40	Pass
		Dry	Forward Heel Slip	0.48	Min. 0.40	Pass
			Backward Forepart Slip	0.51	Min. 0.40	Pass
8 (Right)	Dry Then Wet	Dry	Forward Heel Slip	0.48	Min. 0.40	Pass
			Backward Forepart Slip	0.54	Min. 0.40	Pass
		Wet	Forward Heel Slip	0.40	Min. 0.40	Pass
			Backward Forepart Slip	0.49	Min. 0.40	Pass

Note: It Must Be Noted That The Slip Resistance Test Carried Out In This Report Denotes An Indication Of Slip Of This Particular Footwear/Component On The Surface Mentioned In The Test Item. It Is Important To Note That Footwear Is Subjected To Many Different Conditions Encountered In Everyday Use And That It Is Impossible To Make Footwear Resistant To Slip In All Conditions. Nevertheless, It Is Generally Accepted That Problems Are Minimized If The Guideline Coefficients Of Friction Are Achieved.



End Of Report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. No copy of the test report(except for full text copy) shall be made without the written approval by Intertek.

Remark:

1. As Requested by the Applicant, For Details Refer to Attached Page (5).
2. All the tested item are tested under the standard condition.
3. The report is valid with commission test only for the test samples in the case of delivering samples by clients.