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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT91273386(S1)

Applicant: CORTINA N.V.
MEERSBLOEM-MELDEN 42,
9700 OUDENAARDE,BELGIUM

Date: Jul 26, 2024
THIS IS TO SUPERSEDE REPORT
NO. GZHT91273386 DATED JUL
17, 2024

Attn: REBECCA HU

Sample Description:

Three (3) pairs of submitted samples said to be Men's Cemented lace up safety shoes in Black.

Standard	:	ASTM F2413-18 ASTM F3445-21
Size	:	US 9
Buyer's Name	:	CORTINA
Ref. No	:	LIGHTSTAR S1PS (LIGHTSTAR)/SI110067A
Brand	:	SAFETY JOGGER
Manufacturer	:	CORTINA
Colour	:	BLACK
Vendor	:	-
Supplier	:	-
P.O. No.	:	-
Ref.	:	Insert Plate: SJ FLEX composite insert Toe Cap: Composite Toecap 1701G Sole: Phylon+Rubber Upper: Black SJ Crab Mesh, Black Taikon PU Vamp Lining: Black SJ BK Mesh Quarter/Seat Region Lining: Black SJ BK Mesh Tongue: Black SJ Crab Mesh Collar: Black SJ Crab Mesh Insole: SJ FLEX composite insert Insock: Dark Grey Polyester Mesh+SJFOAM3 Industrial (PU) Scuff Cap: Black Taikon PU
Country Of Origin	:	--
Goods Exported To	:	EU/U.S.
Date Received/Date Test Started	:	Jul. 10, 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



CL / kayyu

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 F2412-18a, 5, Impact Force: 101.7 J (75 lbf), Testing Performed At 22°C And 50% RH)

	Interior Height Clearance	ASTM F2413-18 Requirement	Pass / Fail
Left:	15.4 mm	≥ 12.7 mm	Pass
Right:	19.3 mm	≥ 12.7 mm	Pass
Left:	15.0 mm	≥ 12.7 mm	Pass

- 2 Protective Toe Compression Resistance (C) (ASTM F2412-18a, 6, Compression Force: 11 121 N (2 500 lbf), Testing Performed At 22°C And 50% RH)

	Interior Height Clearance	ASTM F2413-18 Requirement	Pass/Fail
Left:	24.0 mm	≥ 12.7 mm	Pass
Right:	24.3 mm	≥ 12.7 mm	Pass
Right:	24.1 mm	≥ 12.7 mm	Pass

- 3 Static Dissipative Footwear (SD) (ASTM F2412-18a, 10, Conditioned At 22°C And 50% RH For 24 h And Testing Performed At The Same Conditions.)

		Value	ASTM F2413-18 Requirement	Pass/Fail
Sample 1	Left	$1.2 \times 10^7 \Omega$	*	Pass
	Right	$8.5 \times 10^6 \Omega$	*	Pass
	One Pair	$6.3 \times 10^6 \Omega$	*	Pass
Sample 2	Left	$1.9 \times 10^7 \Omega$	*	Pass
	Right	$1.4 \times 10^7 \Omega$	*	Pass
	One Pair	$1.0 \times 10^7 \Omega$	*	Pass
Sample 3	Left	$1.8 \times 10^7 \Omega$	*	Pass
	Right	$1.6 \times 10^7 \Omega$	*	Pass
	One Pair	$1.2 \times 10^7 \Omega$	*	Pass

Remark: * = SD 35 : $1 \times 10^6 \Omega \sim 3.5 \times 10^7 \Omega$

4 Slip Resistance (ASTM F2913-19)

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	500 N

Size	Sequence	Conditions	Modes	Results (COF)	ASTM F3445-21 Requirement	Pass/Fail
9 (Left)	Dry Then Wet	Dry	Forward Heel Slip	0.70	Min. 0.40	Pass
			Backward Forepart Slip	0.72	Min. 0.40	Pass
		Wet	Forward Heel Slip	0.62	Min. 0.40	Pass
			Backward Forepart Slip	0.56	Min. 0.40	Pass
9 (Right)	Wet Then Dry	Wet	Forward Heel Slip	0.59	Min. 0.40	Pass
			Backward Forepart Slip	0.59	Min. 0.40	Pass
		Dry	Forward Heel Slip	0.80	Min. 0.40	Pass
			Backward Forepart Slip	0.77	Min. 0.40	Pass
9 (Right)	Dry Then Wet	Dry	Forward Heel Slip	0.72	Min. 0.40	Pass
			Backward Forepart Slip	0.74	Min. 0.40	Pass
		Wet	Forward Heel Slip	0.61	Min. 0.40	Pass
			Backward Forepart Slip	0.58	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

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Remark:

1. As Requested by the Applicant, For Details Refer to Attached Page (S).
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.



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To : CORTINA N.V.
Attention : REBECCA HU

Date : Jul 26, 2024

Re : Report Revision Notification

Labtest Report Number GZHT91273386 date JUL 17, 2024

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Labtest Report, Number GZHT91273386(S1) , issued on Jul 26, 2024 .

Thank you for your attention

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

Guiliang Dong
Senior Lab Manager

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

www.intertek.com

