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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT91265257

Date: Jun 14, 2024

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

Sample Description:

Three (3) pairs of submitted sample said to be Men's safety ankle boots in Black.

Standard	: ASTM F2413-18/ASTM F3445-21
Size	: US 9
Buyer's Name	: CORTINA
Ref. No	: VESUVIO WINTER S3S (SI320012A)
Brand	: SAFETY JOGGER
Manufacturer	: CORTINA
Colour	: Black
Vendor	: --
Supplier	: --
P.O. No.	: --
Ref.	: Sole: BASF PU+ Rubber
	Insert Plate: IN Antiperforation Wb Flex (non- metallic)
	Toe Cap: SJ Steel Toecap 604
	Upper: Black IN BUFFALO DIN WAXY S3
	Vamp Lining: Grey polyester Non-woven Fabric
	Quarter Lining: Black IN MESH 2087
	Seat Region Lining: Black IN CAMBRILL 150GSM Fabric
	Insole: IN Antiperforation Wb Flex (non-metallic)
	Collar: Black IN BUFF LINING Leather
	Tongue: Black IN BUFF LINING Leather+Black IN Woven CORDURA 2346
	Insock: Grey Felt+SJFOAM2W Industrial
Country Of Origin	: --
Goods Exported To	: EU/US
Date Received/Date Test Started	: Jun. 05, 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



wx / lynnyang

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检验检测专用章

SHENZHEN BRANCH (6)



- 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:	18.1 mm	≥ 12.7 mm	Pass
Right:	18.3 mm	≥ 12.7 mm	Pass
Left:	17.6 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:	22.4 mm	≥ 12.7 mm	Pass
Right:	23.4 mm	≥ 12.7 mm	Pass
Right:	23.8 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.)

		ASTM F2413-18 Requirement	Pass/Fail
Sample 1	Left	$2.2 \times 10^7 \Omega$	Pass
	Right	$2.1 \times 10^7 \Omega$	Pass
	One Pair	$1.6 \times 10^7 \Omega$	Pass
Sample 2	Left	$2.0 \times 10^7 \Omega$	Pass
	Right	$2.2 \times 10^7 \Omega$	Pass
	One Pair	$1.6 \times 10^7 \Omega$	Pass
Sample 3	Left	$2.2 \times 10^7 \Omega$	Pass
	Right	$2.4 \times 10^7 \Omega$	Pass
	One Pair	$1.6 \times 10^7 \Omega$	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	0.76	Min. 0.40	Pass
			Backward Forepart Slip	0.77	Min. 0.40	Pass
		Wet	Forward Heel Slip	0.52	Min. 0.40	Pass
			Backward Forepart Slip	0.56	Min. 0.40	Pass
9 (Right)	Wet Then Dry	Wet	Forward Heel Slip	0.55	Min. 0.40	Pass
			Backward Forepart Slip	0.52	Min. 0.40	Pass
		Dry	Forward Heel Slip	0.75	Min. 0.40	Pass
			Backward Forepart Slip	0.76	Min. 0.40	Pass
9 (Left)	Dry Then Wet	Dry	Forward Heel Slip	0.76	Min. 0.40	Pass
			Backward Forepart Slip	0.74	Min. 0.40	Pass
		Wet	Forward Heel Slip	0.53	Min. 0.40	Pass
			Backward Forepart Slip	0.52	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.