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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT90866787

Date: Feb 20, 2019

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

Attn: PETER DE MEZURE

Sample Description:

Two (2) groups of submitted samples said to be:
(A) Three (3) pairs of Men's Injection pull on safety ankle boots in Black.
(B) Four and a half (4.5) pairs of Steel plates.

Standard : ASTM F2413-18
Size : US 9
Buyer's Name : CORTINA N.V.
Ref. No : BESTFIT
Brand : SAFETYJOGGER
Manufacturer : CORTINA N.V.
Colour : BLACK
Vendor : --
Supplier : --
P.O. No. : --
Ref. : Men Casual High Safety with M1159 Mould Outsole
Country Of Origin : --
Goods Exported To : Belgium/U.S.A.
Date Received/Date Test Started: Feb. 02, 2019/Feb. 11, 2019
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
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- 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)

	(A)	ASTM F2413-18 Requirement	Pass / Fail
	Interior Height Clearance		
Left:	14.6 mm	≥ 12.7 mm	Pass
Right:	16.0 mm	≥ 12.7 mm	Pass
Left:	14.0 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)

	(A)	ASTM F2413-18 Requirement	Pass/Fail
	Interior Height Clearance		
Left:	18.2 mm	≥ 12.7 mm	Pass
Right:	18.9 mm	≥ 12.7 mm	Pass
Right:	18.4 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.)

	(A)	ASTM F2413-18 Requirement	Pass/Fail
Sample 1	Left	$6.6 \times 10^7 \Omega$	*
	Right	$5.2 \times 10^6 \Omega$	*
	One Pair	$5.9 \times 10^6 \Omega$	*
Sample 2	Left	$1.3 \times 10^7 \Omega$	*
	Right	$6.7 \times 10^6 \Omega$	*
	One Pair	$5.7 \times 10^6 \Omega$	*
Sample 3	Left	$2.1 \times 10^7 \Omega$	*
	Right	$9.2 \times 10^6 \Omega$	*
	One Pair	$9.1 \times 10^6 \Omega$	*

Remark: * = SD 100 : $1 \times 10^6 \Omega \sim 1 \times 10^8 \Omega$



4 Puncture Resistance Footwear (PR) (ASTM F2412-18a, 11, Conditioned At 22 °C And 50 % RH For 24 h And Testing Performed At The Same Conditions.)

	(B)	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Left:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N	Min. 1 200 N (*)	Pass
Right:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N	Min. 1 200 N (*)	Pass
Right:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 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.

5 Corrosion Resistance For Puncture Resistant Plates (ASTM F2412-18a, 11.8 & ASTM B117, 5% NaCl Solution For 24 Hours)

	(B)	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Left:	No Sign Of Corrosion	*	Pass
Right:	No Sign Of Corrosion	*	Pass
Left:	No Sign Of Corrosion	*	Pass

Remark: * = No Sign Of Corrosion, De-lamination, Or Deterioration.

6 Flex Resistance For Puncture Resistant Devices (ASTM F2412-18a, 11.7 & CSA Z195-14, 6.3.2)

	(B)	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Left:	No Signs Of De-lamination Of Layers Or Cracking After 1.5 x 10 ⁶ Flexes.	*	Pass
Right:	No Signs Of De-lamination Of Layers Or Cracking After 1.5 x 10 ⁶ Flexes.	*	Pass
Left:	No Signs Of De-lamination Of Layers Or Cracking After 1.5 x 10 ⁶ Flexes.	*	Pass

Remark: * = No Signs Of De-lamination Of Layers Or Cracking After 1.5 x 10⁶ Flexes.



End Of Report

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