

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

Attn: REBECCA/ROCK

Sample Description:

Two (2) groups of submitted samples said to be:

(A) Three (3) pairs of Men's Injection lace up safety ankle boots in Brown

(B) Three and a half (3.5) pairs of Non-metallic anti-penetration inserts.

Standard : ASTM F2413-18

Size : US 9

Buyer's Name : --

Ref. No : DAKAR-EH

Brand : SAFETY JOGGER

Manufacturer : CORTINA

Colour : Brown

Vendor : --

Supplier : --

P.O. No. : --

Ref. : Men Casual Safety High with outsole Mould M1645 PU+PU

Country Of Origin : --

Goods Exported To : Belgium/U.S.A.

Date Received/Date Test Started: Jun. 10, 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
Senior Lab Manager





- 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:	16.1 mm	*	Pass
Right:	17.6 mm	*	Pass
Left:	16.4 mm	*	Pass

Remark: * = ≥ 12.7 mm

- 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:	18.8 mm	*	Pass
Right:	19.4 mm	*	Pass
Right:	18.4 mm	*	Pass

Remark: * = ≥ 12.7 mm

- 3 Electric Hazard Resistant Footwear (EH) (ASTM F2412-18a, 9, Conditioned At 22 °C And 50% RH For 24 h And Testing Performed At The Same Conditions)

(A)	Leakage Current	ASTM F2413-18 Requirement	Pass/Fail
Left:	0.4 mA	*	Pass
Right:	0.3 mA	*	Pass
Right:	0.4 mA	*	Pass

Remark: * = No Current Flow Or Leakage Current In Excess of 1.0 mA Under The Application Of 18 000 V At 60 Hz AC For 1 Minute.



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 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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