

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

Attn: ROCK/REBECCA

Sample Description:

Three (3) groups of submitted samples said to be:

(A) Three (3) pairs of Men's Injection lace up safety ankle boots in Black (Size: US 9)

(B) One (1) pair of Men's Injection lace up low cut safety shoes in Black (Size: US 8)

(C) Three (3) pairs of Non-metallic anti-penetration inserts.

Standard : ASTM F2413-18

Size : US 8, 9

Buyer's Name : --

Ref. No : CLIMBER-EH/JUMPER-EH

Brand : SAFETY JOGGER

Manufacturer : CORTINA

Colour : --

Vendor : --

Supplier : --

P.O. No. : --

Ref. : Men Casual High Safety with outsole Mould M1159 PU+PU

Country Of Origin : CHINA

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

Date Received/Date Test Started: Apr. 04, 2019

Date Final Information Confirmed: Apr. 12, 2019

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:	23.5 mm	*	Pass
Right:	26.1 mm	*	Pass
Left:	22.6 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:	26.3 mm	*	Pass
Right:	28.3 mm	*	Pass
Right:	27.7 mm	*	Pass

Remark: * = ≥ 12.7 mm

- 3 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.)

	(C)	ASTM F2413-18 Requirement	Pass/Fail
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.



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

	(C)	<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

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.