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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT90878653

Date: Apr 17, 2019

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
- (B) One (1) pair of Men's Injection lace up low cut safety shoes in Black
- (C) Three (3) pairs of Non-metallic anti-penetration inserts.

Standard : ASTM F2413-18
 Size : US 9
 Buyer's Name : --
 Ref. No : X1100N-EH/X1110-EH
 Brand : SAFETY JOGGER
 Manufacturer : CORTINA
 Colour : --
 Vendor : --
 Supplier : --
 P.O. No. : --
 Ref. : Men Casual High Safety with outsole Mould M1787 PU+PU
 Country Of Origin : China
 Goods Exported To : Belgium/U.S.A.
 Date Received/Date Test Started: Apr. 11, 2019
 Date Final Information Confirmed: Apr. 15, 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



/ nicoleho

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 02, 1-8/F. & Room 01, E101/E201/E301/E401/E501/E601/E701/E801,
No.7-2, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, Guangdong, China
广州经济技术开发区科学城彩频路7号之二第1-8层02房、01房101、
E201、E301、E401、E501、E601、E701、E801
Tel: +86 208213 9001 Fax: +86 20 82089909 Postcode: 510663

3/F., Hengyun Building, 235 Kaifa Ave., Guangzhou
Economic & Technological Development District, Guangzhou,
China
中国广州经济技术开发区开发大道235号恒运大厦3楼
Tel: +86 20 83966868 Fax: +86 20 82228169 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)

	(A)	<u>ASTM F2413-18 Requirement</u>	<u>Pass / Fail</u>
	Interior Height Clearance		
Left:	18.7 mm	≥ 12.7 mm	Pass
Right:	19.2 mm	≥ 12.7 mm	Pass
Left:	19.4 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)	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
	Interior Height Clearance		
Left:	23.5 mm	≥ 12.7 mm	Pass
Right:	26.6 mm	≥ 12.7 mm	Pass
Right:	23.4 mm	≥ 12.7 mm	Pass

- 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	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
Left:	0.2 mA	*	Pass
Right:	0.1 mA	*	Pass
Left:	0.2 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.)

	(C)	<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)

	(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

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