

Test Report

SL92439364327501FW

Date: December 24, 2024 Page 1 of 6

Applicant: CORTINA NV  
MEERSBLOEM- MELDEN 42,  
9700 OUDENAARDE, BELGIUM

Attn: Peter De Mezure

The following products were identified on behalf of the client as:

Group Reference : NORDIC  
Model(s) Description : NORDIC Safety Ankle Boot In Black

The following sample(s) was/were submitted for testing:

Sample Description : Three Pairs of Safety Ankle Boot in Black

Buyer's Name : CORTINA  
Brand : SAFETY JOGGER  
Manufacturer : CORTINA  
Size : Men's US 9  
Model Name : NORDIC  
Toecap : SJ Composite Toecap 604A  
Puncture Resistant Device : SJ FLEX composite insert  
Sole : PU+TPU  
Upper : Black Square Action Leather+Black Full Grain Leather+ Black Best PU  
Collar : Black Best PU  
Tongue : Black Best PU  
Vamp Lining : Grey Polar Fur (Polyester)  
Quarter Lining : Grey Polar Fur (Polyester)  
Counter Lining : Grey Polar Fur (Polyester)  
Tongue Lining : Grey Polar Fur (Polyester)  
Collar Lining : Grey Polar Fur (Polyester)  
Insole : SJ FLEX composite insert  
In-sock (foot-bed) : Grey Polar (Polyester) Fur + EVA  
Judgment Accordance : ASTM F2413-24  
Test Performance/  
Standard : See testing results page

Sample Receiving Date : Dec 18, 2024  
Testing Period : Dec 18, 2024 ~ Dec 24, 2024  
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).



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Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Asan Huang (Approved Signatory)

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Conclusion	A US 9#	Remark
Protective Toe Impact Resistance	P	
Protective Toe Compression Resistance	P	
Static Dissipative	P	
Slip Resistance (Dry and Wet)	P	

Remark(s) : P = Meet Client's Requirement.



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Test Result

**Performance Requirements for Protective (Safety) Toe Cap Footwear**

ASTM F2413-24

**Protective Toe Impact Resistance**

(ASTM F2412-24, Clause 5;Impact energy:101.75 J)

**A US 9#(Left)**

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	15.7	15.8	Min. 12.7 mm

**Conclusion Pass**

**A US 9#(Right)**

	No. 3	Requirement
Internal Height Clearance(mm)	16.1	Min. 12.7 mm

**Conclusion Pass**

**Protective Toe Compression Resistance**

(ASTM F2412-24, Clause 6;Compression load: 2500 lbf)

**A US 9#(Left)**

	No. 1	Requirement
Internal Height Clearance(mm)	23.1	Min. 12.7 mm

**Conclusion Pass**

**A US 9#(Right)**

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	24.0	23.3	Min. 12.7 mm

**Conclusion Pass**

**Static Dissipative**

(ASTM F2412-24, Clause 10;Test Voltage: 50 V)

**A US 9#**

	No. 1	No. 2	No. 3	Average	Requirement
Electrical Resistance (Left)(MΩ)	61.7	64.5	59.7	62.0	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	70.1	68.2	67.1	68.5	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	55.2	52.5	58.1	55.3	SD 100: 1 ~ 100 MΩ

**Conclusion Pass**



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**Slip Resistance (Dry and Wet)**

(ASTM F2913-24;Lubricant:Distilled Water,Vertical Force:(500±25) N)

A shoe 1-Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
<u>Tested Dry Then Wet</u>				
Coefficient of Friction				-
Dry	-	0.62	0.74	Min. 0.40
Wet	-	0.44	0.46	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		
A shoe 2-Left	Unit	Forepart	Heel part	Requirement
Clay Tile				
<u>Tested Wet Then Dry</u>				
Coefficient of Friction				-
Dry	-	0.63	0.72	Min. 0.40
Wet	-	0.45	0.46	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		
A shoe 3-Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
<u>Tested Dry Then Wet</u>				
Coefficient of Friction				-
Dry	-	0.61	0.74	Min. 0.40
Wet	-	0.43	0.45	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		

Remark:

- 1) The performance of slip resistance can be affected by surface roughness, presence of water, contaminants such as grease and other foreign materials, and floor surface wear over time.
- 2) Shoe Size: 9



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### Sample Photo



**Product information is provided by applicant without verification or authentication of the brand.**

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

\*\*\*End of Report\*\*\*

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