

Test Report

SL92419281436401FW

Date: May 09, 2024 Page 1 of 7

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 : ECODEMPO S3S LOW (ECODEMPS3L)
Model(s) Description : ECODEMPO S3S LOW (ECODEMPS3L)/ SI220111A Safety Low Shoe in Black
ECODEMPO S3S LOW (ECODEMPS3L)/ SI220111A Safety Low Shoe in Khaki

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

Sample Description : Three pairs of Safety Low Shoe in Black

Buyer's Name : CORTINA
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Size : Men's US9
Model Name : ECODEMPO S3S LOW (ECODEMPS3L)
Reference Number : SI220111A
Toecap : SJ Non-metallic Nano Toecap LB522
Puncture Resistant Device : SJ FLEX Composite Insert
Sole : Phylon + Rubber
Upper : Black Recycled Grid-Tex Polyester Mesh Covering with Black Nasa TPU
Collar : Black Recycled Grid-Tex Polyester Mesh
Tongue : Black Recycled Lowna Mesh
Vamp Lining : White Non-woven
Quarter Lining : Black Recycled Polyester BK Mesh
Counter Lining : Black Recycled Polyester BK Mesh
Insole : SJ FLEX Composite Insert
In-sock (foot-bed) : Dark Grey Polyester Mesh+SJ FOAM2 Memory IND.
Standard : ASTM F2413-18 & ASTM F3445-21

Sample Receiving Date : Apr 30, 2024

Testing Period : Apr 30, 2024 ~ May 09, 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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SL92419281436401FW

Date: May 09, 2024 Page 2 of 7

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
Impact Resistance	P	
Compression Resistance	P	
Static Dissipative	P	
Slip Resistance	P	

Remark(s) : P = Meet Client's Requirement.
F = Below Client's Requirement.
= No Specified Requirement.
NA = Not Applicable.



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Test Result

Personal Protective Equipment - Safety Footwear

ASTM F2413-18

Impact Resistance

(ASTM F2412-18a, Clause 5; Impact energy: 101.75 J)

A US 9#(Left)

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	16.2	16.4	Min. 12.7 mm

Conclusion Pass

A US 9#(Right)

	No. 3	Requirement
Internal Height Clearance(mm)	15.5	Min. 12.7 mm

Conclusion Pass

Compression Resistance

(ASTM F2412-18a, Clause 6; Compression load: 2500 lbf)

A US 9#(Left)

	No. 1	Requirement
Internal Height Clearance(mm)	22.2	Min. 12.7 mm

Conclusion Pass

A US 9#(Right)

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	21.7	21.5	Min. 12.7 mm

Conclusion Pass

Static Dissipative

(ASTM F2412-18a, Clause 10; Test Voltage: 50 V)

A US 9#

	No. 1	No. 2	No. 3	Average	Requirement
Electrical Resistance (Left)(MΩ)	2.0	2.5	2.3	2.3	SD 10: 1 ~ 10 MΩ
Electrical Resistance	2.2	2.1	2.5	2.3	SD 10: 1 ~



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(Right)(MΩ)					10 MΩ
Electrical Resistance (One Pair)(MΩ)	2.4	2.3	2.3	2.3	SD 10: 1 ~ 10 MΩ
Conclusion	Pass				

ASTM F3445

ASTM F2913-19

Slip Resistance

(ASTM F2913-19; Lubricant: Distilled Water, Vertical Force: (500±25) N)

A-US 9# shoe 1 left	Unit	Forepart	Heel part	Requirement
<u>Clay Tile</u>				
<u>Tested Dry Then Wet</u>				
Coefficient of Friction				-
Dry	-	0.74	0.79	Min.0.40
Wet	-	0.64	0.64	Min.0.40
Conclusion		Pass		
A-US 9# shoe 2 right	Unit	Forepart	Heel part	Requirement
<u>Clay Tile</u>				
<u>Tested Wet Then Dry</u>				
Coefficient of Friction				-
Dry	-	0.75	0.80	Min.0.40
Wet	-	0.63	0.64	Min.0.40
Conclusion		Pass		
A-US 9# shoe 3 left	Unit	Forepart	Heel part	Requirement
<u>Clay Tile</u>				
<u>Tested Dry Then Wet</u>				
Coefficient of Friction				-
Dry	-	0.73	0.77	Min.0.40
Wet	-	0.66	0.66	Min.0.40
Conclusion		Pass		

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: US 9



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Sample Photo



The sample has not been tested and provided by the client for reference only

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

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report



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