

Test Report

SL92429322583901FW

Date: August 21, 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 Shoes in Black

Buyer's Name : CORTINA
Brand : SAFETY JOGGER
Manufacturer : CORTINA
Size : Men's US 9
Model Name : ECODEMPO S3S LOW (ECODEMPS3L)
Reference Number: : SI220111A
Toecap : Composite Toecap 1701G
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 : Black Tricot
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.
Judgment Accordance : ASTM F2413-18 / ASTM F3445-21
Test Performance/
Standard : See testing results page

Sample Receiving Date : Aug 16, 2024

Testing Period : Aug 16, 2024 - Aug 21, 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
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

Protective safety Toe cap Footwear

ASTM F2413-18

Impact Resistance

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

A US 9#(Left)

	No. 1	Requirement
Internal Height Clearance(mm)	20.9	Min. 12.7 mm

Conclusion

Pass

A US 9#(Right)

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	19.0	18.8	Min. 12.7 mm

Conclusion

Pass

Compression Resistance

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

A US 9#(Left)

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	24.9	25.2	Min. 12.7 mm

Conclusion

Pass

A US 9#(Right)

	No. 3	Requirement
Internal Height Clearance(mm)	24.8	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)	11.7	10.8	11.5	11.3	SD 35: 1 ~ 35 MΩ
Electrical Resistance (Right)(MΩ)	13.3	9.8	12.9	12.0	SD 35: 1 ~ 35 MΩ
Electrical Resistance (One Pair)(MΩ)	10.3	7.7	9.3	9.1	SD 35: 1 ~ 35 MΩ

Conclusion

Pass



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ASTM F3445

ASTM F2913-19

Slip Resistance

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

A-shoe 1-Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.82	0.78	Min.0.40
Wet	-	0.61	0.55	Min.0.40
Conclusion		Pass		
A-shoe 2-Left	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Wet Then Dry				
Coefficient of Friction				-
Dry	-	0.84	0.78	Min.0.40
Wet	-	0.60	0.58	Min.0.40
Conclusion		Pass		
A-shoe 3-Right	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.84	0.78	Min.0.40
Wet	-	0.62	0.56	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



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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.

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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