

Test Report

SL92219290739601FW

Date: July 08,2022

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

Attn: Peter De Mezure

THIS REPORT CANCELS AND SUPERSEDES THE TEST REPORT NO. SL92209263726801FW DATE: April 13,2022, ISSUED BY SGS GUANGZHOU ,UPDATED SAMPLE INFORMATION.

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description	:	A. Three pairs of low shoes in black B. Three pairs of composite insert plate in white and red
Buyer	:	SAFETY JOGGER
Manufacturer	:	CORTINA N.V.
Model Name	:	GOBI EH LOW SB
Country of Origin	:	China
Country of Destination	:	United States,Europe
Size	:	Men's US 9
Construction	:	Cemented
Protective toe cap	:	Non-metallic SJ TOECAP EA459 – Nano Carbon
Protective insole	:	SJ FLEX Composite Plate
Upper	:	Black SJ Cow Suede Leather Black Polyester Brisa Mesh
Vamp Lining	:	White polyester non-woven fabric
Quarter Lining	:	Black polyester SJ BK Mesh
Counter Lining	:	Black polyester SJ BK Mesh
Insole	:	SJ FLEX Composite Plate
In-sock (foot-bed)	:	Black polyester SJ BK Mesh + SJFOAM(PU)
Sole (Midsole & Outsole)	:	PU/PU
Tongue	:	Black Polyester Brisa Mesh
Collar	:	Black Polyester Brisa Mesh
Lace	:	Black polyester
Sewing Thread	:	Black polyester
Judgment Accordance	:	ASTM F3445-21 /ASTM F2413-18
Sample Receiving Date	:	Apr 06, 2022
Testing Period	:	Apr 06, 2022 - Apr 11, 2022
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).

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.



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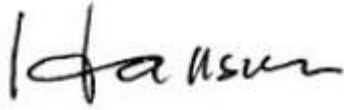
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Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Hanson Chen (Approved Signatory)



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch, Technical Services Laboratory

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Conclusion	A US 9#	B	Remark
Impact Resistance	P	-	
Compression Resistance	P	-	
Electric Hazard Resistance	P	-	
Puncture Resistance	-	P	
Flexing Resistance For Puncture Resistance Plates	-	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

Impact Resistance

(ASTM F2412-18a, Clause 5)

A US 9#(Left)

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	20.7	21.9	Min. 12.7 mm

Conclusion

Pass

A US 9#(Right)

	No. 3	Requirement
Internal Height Clearance(mm)	21.4	Min. 12.7 mm

Conclusion

Pass

Compression Resistance

(ASTM F2412-18a, Clause 6)

A US 9#(Left)

	No. 1	Requirement
Internal Height Clearance(mm)	25.5	Min. 12.7 mm

Conclusion

Pass

A US 9#(Right)

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	25.2	25.8	Min. 12.7 mm

Conclusion

Pass

Electric Hazard Resistance

(ASTM F2412-18a, Clause 9; Test Voltage: 18 kV; Test Period: 1 min)

A US 9#(Left)

	No. 1	Requirement
Leakage Current(mA)	0.2	Max. 1.0 mA

Conclusion

Pass

A US 9#(Right)

	No. 2	No. 3	Average	Requirement
Leakage Current(mA)	0.2	0.2	0.2	Max. 1.0 mA

Conclusion

Pass



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Puncture Resistance

(ASTM F2412-18a, Clause 11.5)

B

	No. 1	No. 2	No. 3	Requirement
Assessment	No Visually penetration	No Visually penetration	No Visually penetration	See Remark

Conclusion

Pass

Remark: When viewed at 90°angle, the tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 1200N

Flexing Resistance For Puncture Resistance Plates

(ASTM F2412-18a, Clause 11.7)

B

	No. 1	No. 2	No. 3	Requirement
Assessment	No Visible Signs of Cracking	No Visible Signs of Cracking	No Visible Signs of Cracking	See Remark

Conclusion

Pass

Remark: The specimen shall show no visible signs of delamination of layers or cracking after 1.5 x 10⁶ flexes.



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Slip Resistance

(ASTM F2913-19;Test Surface:Clay Tile;Vertical Force:(500±25) N)

A US 9#(Left)	Unit	Backward forepart	Forward heel	Requirement
Dry				
Coefficient of Friction				Min. 0.4
Shoe 1	No Unit	0.56	0.60	
Distilled Water				
Coefficient of Friction				
Shoe 1	No Unit	0.40	0.47	
Conclusion		Pass		
A US 9#(Right)	Unit	Backward forepart	Forward heel	Requirement
Dry				
Coefficient of Friction				Min. 0.4
Shoe 2	No Unit	0.50	0.50	-
Shoe 3	No Unit	0.54	0.52	-
Distilled Water				
Coefficient of Friction				-
Shoe 2	No Unit	0.41	0.47	-
Shoe 3	No Unit	0.47	0.41	-
Conclusion		Pass		



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Sample Photo



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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