



中国认可
国际互认
检测
TESTING
CNAS L0167

Test Report

SL92609309609801FW

Date: May 09, 2026 Page 1 of 7

SHANGHAI LANGFENG INDUSTRIAL CO., LTD.
ROOM 905, BUILDING 2, A/T1, JIBEI ROAD 117, SHANGHAI, China

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

Sample Description : (A) Three pairs of shoes in Black
(B) Three pairs of shoes in Black
(C) Two pairs of non-metallic insert plate

Buyer : Safetoe
Brand : Safetoe
Manufacturer : Safetoe
Style Name : (A) L-7610
(B) L-7144
Gender & Size : Men's US 9
Construction : Injection
Protective toe cap : Composite Toecap
Protective insole : Kevlar Plate
Upper : Black Cow Leather
Vamp Lining : Breathable Sandwich Mesh
Quarter Lining : Breathable Sandwich Mesh
In-sock (foot-bed) : Hi-poly Insoles
Sole (Midsole & Outsole) : PU/PU Outsole
Judgment Accordance : ASTM F2413-24
Test Performance/
Standard : See testing results page

Sample Receiving Date : Apr 29, 2026
Testing Period : Apr 29, 2026 - May 09, 2026
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).

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#	B US 9#	C	Remark
Protective Toe Impact Resistance	PASS	PASS	-	
Protective Toe Compression Resistance	PASS	PASS	-	
Static Dissipative	PASS	PASS	-	
Puncture Resistance	-	-	PASS	



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Member of the SGS Group (SGS SA)

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)	20.8	20.3	Min. 12.7 mm

Conclusion**PASS****A US 9#(Right)**

	No. 3	Requirement
Internal Height Clearance(mm)	20.2	Min. 12.7 mm

Conclusion**PASS****B US 9#(Left)**

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	20.4	20.9	Min. 12.7 mm

Conclusion**PASS****B US 9#(Right)**

	No. 3	Requirement
Internal Height Clearance(mm)	20.5	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)	25.3	Min. 12.7 mm

Conclusion**PASS****A US 9#(Right)**

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	25.2	25.4	Min. 12.7 mm

Conclusion**PASS****B US 9#(Left)**

	No. 1	Requirement
Internal Height Clearance(mm)	23.6	Min. 12.7 mm

Conclusion**PASS****B US 9#(Right)**

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	25.7	25.8	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	Requirement
Electrical Resistance (Left)(MΩ)	11.5	13.5	13.0	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	12.8	13.7	13.2	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	7.3	7.7	8.0	SD 100: 1 ~ 100 MΩ

Conclusion**PASS****B US 9#**

	No. 1	No. 2	No. 3	Requirement
Electrical Resistance (Left)(MΩ)	10.8	10.9	11.5	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	11.7	11.5	12.3	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	7.0	7.5	7.6	SD 100: 1 ~ 100 MΩ

Conclusion**PASS****Puncture Resistance**

(ASTM F2412-24, Clause 11.5)

C

	No. 1	No. 2	No. 3	Requirement
Assessment (Specimen 1)	No visually penetration	No visually penetration	No visually penetration	See Remark
Assessment (Specimen 2)	No visually penetration	No visually penetration	No visually penetration	See Remark
Assessment (Specimen 3)	No visually penetration	No visually penetration	No visually penetration	See Remark

Conclusion**PASS**

Remark: 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

Sample Photo





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.

The location of performance of the laboratory activities: Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong, China.

End of Report

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