



中国认可
国际互认
检测
TESTING
CNAS L0167

Test Report

SL92519339861901FW

Date: August 18, 2025 Page 1 of 6

JIANGSU LANGFENG SAFETY & PROTECTION TECH CO., LTD
BUILDING 18, ZHONGKE ROAD, 699, QIDONG, JIANGSU, 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: 1.5 pairs of Steel Plate

Buyer : Safetoe
Brand : Safetoe
Manufacturer : Safetoe
Style Name : A: H - 9438
B: M - 8515
Gender & Size : Men's US 9
Protective toe cap : Steel Toecap
Protective insole : Steel Plate
Upper : Full Grain Cow Leather
Vamp Lining : Sandwich Mesh
Quarter Lining : Sandwich Mesh
Counter Lining/ Heel Area Lining : Sandwich Mesh
In-sock (foot-bed) : Memory Foam
Sole (Midsole & Outsole) : PU/Nitrile Rubber
Is this a retest? : No
Judgment Accordance : ASTM F2413-24
Test Performance/ Standard : See testing results page

Sample Receiving Date : Aug 13, 2025
Testing Period : Aug 13, 2025 - Aug 18, 2025
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 US 9#	Remark
Protective Toe Impact Resistance	PASS	-	-	
Protective Toe Compression Resistance	PASS	-	-	
Static Dissipative	PASS	PASS	-	
Puncture Resistance	-	-	PASS	



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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)	20.0	18.4	Min. 12.7 mm

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

	No. 3	Requirement
Internal Height Clearance(mm)	19.1	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)	20.5	Min. 12.7 mm

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

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	21.9	22.6	Min. 12.7 mm

Conclusion**PASS**

SGS-CTC Standards Technical Service Co., Ltd.
Guangzhou Branch Testing Service Center Footwear Laboratory

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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)	4.7	4.6	4.5	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	3.7	4.5	3.8	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	2.2	2.5	2.3	SD 100: 1 ~ 100 MΩ

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

	No. 1	No. 2	No. 3	Requirement
Electrical Resistance (Left)(MΩ)	2.8	3.3	4.9	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	2.7	4.0	6.8	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	1.9	2.9	4.8	SD 100: 1 ~ 100 MΩ

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

(ASTM F2412-24, Clause 11.5)

C US 9#

	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.

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End of Report

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