



中国认可  
国际互认  
检测  
TESTING  
CNAS L0167

## Test Report

SL92529331240701FW

Date: September 02, 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 Kevlar Plate

Buyer : Safetoe  
Brand : Safetoe  
Manufacturer : Safetoe  
Style Name : A: L-7536  
B: M-8575  
Gender & Size : Men's US 9  
Protective toe cap : Composite Toecap  
Protective insole : Kevlar Plate  
Upper : Full Grain Cow Leather  
Vamp Lining : Sandwich Mesh  
Quarter Lining : Sandwich Mesh  
In-sock (foot-bed) : Memory Foam  
Sole (Midsole & Outsole) : PU/Rubber  
Is this a retest? : No  
Judgment Accordance : ASTM F2413-24  
Test Performance/  
Standard : See testing results page  
Sample Receiving Date : Aug 26, 2025  
Testing Period : Aug 27, 2025 - Sep 02, 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	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)	21.2	20.1	Min. 12.7 mm

**Conclusion****PASS****A 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)	27.4	Min. 12.7 mm

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

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	27.6	26.4	Min. 12.7 mm

**Conclusion****PASS**

SGS-CSI Standards Technical Service Co., Ltd.  
Guangzhou Branch Inspection & Testing Services

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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)	43.6	18.7	21.7	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	24.3	19.1	38.1	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	17.8	10.7	18.3	SD 100: 1 ~ 100 MΩ

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

	No. 1	No. 2	No. 3	Requirement
Electrical Resistance (Left)(MΩ)	19.5	21.3	24.3	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	27.5	25.8	27.6	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	12.3	13.4	14.5	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







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

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