

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 brown  
B: Three pairs of shoes in black  
C: Three pairs of shoes in brown  
D: 1.5 pairs of kevlar Plate

Buyer : Safetoe  
Brand : Safetoe  
Manufacturer : Safetoe  
Style Name : M-8552  
M-8565  
H-9552  
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/Nitrile Rubber  
Is this a retest? : No  
Judgment Accordance : ASTM F2413-24  
Test Performance/  
Standard : See testing results page

Sample Receiving Date : Aug 15, 2025  
Testing Period : Aug 15, 2025 - Aug 21, 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#	D	Remark
Protective Toe Impact Resistance	PASS	-	-	-	
Protective Toe Compression Resistance	PASS	-	-	-	
Static Dissipative	PASS	PASS	PASS	-	
Puncture Resistance	-	-	-	PASS	



Safe



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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)	21.1	20.6	Min. 12.7 mm

**Conclusion PASS**

**A US 9#(Right)**

	No. 3	Requirement
Internal Height Clearance(mm)	21.5	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)	26.5	Min. 12.7 mm

**Conclusion PASS**

**A US 9#(Right)**

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	26.0	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)	11.3	13.4	8.4	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	10.9	10.8	13.9	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	4.8	6.3	5.3	SD 100: 1 ~ 100 MΩ

**Conclusion PASS**

**B US 9#**

	No. 1	No. 2	No. 3	Requirement
Electrical Resistance (Left)(MΩ)	13.3	12.5	13.4	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	12.4	12.7	13.6	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	6.7	6.4	6.8	SD 100: 1 ~ 100 MΩ

**Conclusion PASS**

**C US 9#**

	No. 1	No. 2	No. 3	Requirement
Electrical Resistance (Left)(MΩ)	13.5	13.5	12.6	SD 100: 1 ~ 100 MΩ
Electrical Resistance (Right)(MΩ)	10.7	13.5	17.6	SD 100: 1 ~ 100 MΩ
Electrical Resistance (One Pair)(MΩ)	5.7	6.5	6.8	SD 100: 1 ~ 100 MΩ

**Conclusion PASS**



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**Puncture Resistance**

(ASTM F2412-24, Clause 11.5)

**D**

	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.

\*\*\*End of Report\*\*\*

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