



中国认可  
国际互认  
检测  
TESTING  
CNAS-L0167

## Test Report

SL92429323116601FW

Date: August 26, 2024 Page 1 of 6

Shanghai Langfeng Industrial Co., Ltd  
Room 910, Building 6, Luxiang Road 111, Baoshan District, 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 Brown  
B: Two pairs of Kevlar Plate

Buyer : Safetoe  
Brand : Safetoe  
Style Name : M-8581  
Gender & Size : Men's US 9  
Construction : Injection  
Protective toe cap : Composite Toecap  
Protective insole : Kevlar Plate  
Upper : Brown Cow Leather  
Vamp Lining : Sandwich Mesh  
Quarter Lining : Sandwich Mesh  
In-sock (foot-bed) : EVA Coated Mesh  
Sole (Midsole & Outsole) : PU/Rubber  
Is this a retest? : No  
Judgment Accordance : ASTM F2413-18  
Test Performance/  
Standard : See testing results page

Sample Receiving Date : Aug 21, 2024  
Testing Period : Aug 21, 2024 - Aug 26, 2024  
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	Remark
Impact Resistance	PASS	-	
Compression Resistance	PASS	-	
Electric Hazard Resistance	PASS	-	
Puncture Resistance	-	PASS	



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Test Result

**Protective safety Toe cap Footwear**

ASTM F2413-18

**Impact Resistance**

(ASTM F2412-18a, Clause 5; Impact energy: 101.75 J)

**A US 9#(Left)**

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	20.5	21.7	Min. 12.7 mm

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

	No. 3	Requirement
Internal Height Clearance(mm)	20.4	Min. 12.7 mm

**Conclusion****PASS****Compression Resistance**

(ASTM F2412-18a, Clause 6; Compression load: 2500 lbf)

**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)	26.1	26.0	Min. 12.7 mm

**Conclusion****PASS**

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**Electric Hazard Resistance**

(ASTM F2412-18a, Clause 9; Test Voltage: 18 kV at 60 Hz; Test Period: 1 min)

**A US 9#(Left)**

	No. 1	No. 3	Requirement
Leakage Current(mA)	0.3	0.3	Max. 1.0 mA

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

	No. 2	Requirement
Leakage Current(mA)	0.3	Max. 1.0 mA

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

(ASTM F2412-18a, Clause 11.5)

**B**

	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



**Product information is provided by applicant without verification or authentication of the brand.**

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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