

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



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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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