

Test Report

SL92619337696301FW

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SHANGHAI LANGFENG INDUSTRIAL CO., LTD.
ROOM 905, BUILDING 2, A/T1, JIBEI ROAD 117, 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) Kevlar midsole for protective insole

Buyer : Safetoe
Brand : Safetoe
Manufacturer : Safetoe
Style Name : M-8552EH Pro
Gender & Size : Men's US 9
Construction : Injection
Protective toe cap : Composite Toecap
Protective insole : Kevlar Midsole
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
Judgment Accordance : ASTM F2413-24
Test Performance/
Standard : See testing results page

Sample Receiving Date : Jul 20, 2026

Testing Period : Jul 20, 2026 - Jul 23, 2026

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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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch (Inspection & Testing Services)

No. 198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 f (86-20) 82075169 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075169 sgs.china@sgs.com



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Conclusion	A US 9#	B	Remark
Protective Toe Impact Resistance	PASS	-	
Protective Toe Compression Resistance	PASS	-	
Electric Hazard Resistance	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)	19.4	19.6	Min. 12.7 mm

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

	No. 3	Requirement
Internal Height Clearance(mm)	20.7	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)	24.9	Min. 12.7 mm

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

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	25.0	25.6	Min. 12.7 mm

Conclusion**PASS****Electric Hazard Resistance**

(ASTM F2412-24, 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)	0.2	0.2	Max. 1.0 mA

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

	No. 2	Requirement
Leakage Current(mA)	0.2	Max. 1.0 mA

Conclusion**PASS**

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

No. 198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 f (86-20) 82075169 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075169 sgs.china@sgs.com

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Puncture Resistance

(ASTM F2412-24, 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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Guangzhou Branch Testing Service Center Footwear Laboratory

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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.

The location of performance of the laboratory activities : A. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China. B. Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong, China

End of Report

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