



中国认可
国际互认
检测
TESTING
CNAS L0167

Test Report

SL92509309593501FW

Date: May 09, 2025 Page 1 of 6

QINGDAO VITOSAFE FOOTWEAR CO., LTD
63# BEIJING ROAD, HUANGDAO DISTRICT, QINGDAO, China

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : A: 1.5 pairs of shoes in brown
B: 4.5 pairs of Kevlar plate

Buyer : Arte En Cuero Urb.
Manufacturer : QINGDAO VITOSAFE FOOTWEAR CO., LTD
Style Name : SAFETY SHOES
Style Number : VITO2588 (safetystep)
Country of Origin : China
Goods Exported to : Guatemala
Gender & Size : Unisex 9
Construction : Injection
Protective toe cap : Composite Toe
Protective insole : Kevlar Plate
Upper : Embossed cow leather
Vamp Lining : Non-Woven Fabric
Quarter Lining : Breathable Sandwich Mesh
Insole : PU
In-sock (foot-bed) : Hi-poly insole
Sole (Midsole & Outsole) : PU/PU
Judgment Accordance : ASTM F2413-24
Test Performance/Standard : See testing results page

Sample Receiving Date : May 06, 2025

Testing Period : May 06, 2025 - May 09, 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	Remark
Protective Toe Impact Resistance	PASS	-	
Electric Hazard Resistance	PASS	-	
Puncture Resistance	-	PASS	
Flex Resistance	-	PASS	
Corrosion Resistance for Non-metallic Puncture Resistance Plates	-	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. 2	Requirement
Internal Height Clearance(mm)	21.2	Min. 12.7 mm

Conclusion

PASS

A US 9#(Right)

	No. 1	No. 3	Requirement
Internal Height Clearance(mm)	20.6	20.8	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. 2	Requirement
Leakage Current(mA)	0.1	Max. 1.0 mA

Conclusion

PASS

A US 9#(Right)

	No. 1	No. 3	Requirement
Leakage Current(mA)	0.2	0.2	Max. 1.0 mA

Conclusion

PASS



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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

Flex Resistance

(ASTM F2412-24, Clause 11.7)

B

	No. 1	No. 2	No. 3	Requirement
Assessment	No Visible Signs of Cracking	No Visible Signs of Cracking	No Visible Signs of Cracking	See Remark

Conclusion**PASS**

Remark: The specimen shall show no visible signs of delamination of layers or cracking after 1.5×10^6 flexes.

Corrosion Resistance for Non-metallic Puncture Resistance Plates

(ASTM F2412-24, Clause 11.8; Concentration of salt solution: 5 %; Exposure period: 24 h in accordance with practice ASTM B117-19 (For non-Metallic))

B

	No. 1	No. 2	No. 3	Requirement
Assessment	No signs of de-lamination and deterioration	No signs of de-lamination and deterioration	No signs of de-lamination and deterioration	See Remark

Conclusion**PASS**

Remark: No signs of de-lamination, or deterioration after exposure.



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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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