



TEST REPORT

Report No.: HW20240123027R

Date: January 23, 2024

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Applicant: Gaomi anbaili Shoes Co., Ltd

Address: 777 Jiankang Road (South), Mishui street, Gaomi City, Weifang City, Shandong Province, China

Manufacturer: Gaomi anbaili Shoes Co., Ltd

Address: 777 Jiankang Road (South), Mishui street, Gaomi City, Weifang City, Shandong Province, China

Sample Name: Safety shoes

Model No. : FZ178

Date of Sample Received: January 17, 2024

Testing period: January 17, 2024 to January 23, 2024

Test Requested: Selected test(s) as requested by client

Test Method: Please refer to next page(s).

Test Results: Please refer to next page(s).

Result Summary:

Testing requested	Result(s)
ASTM F2413-18 Standard Specification for Performance Requirements for Protective (Safety) Toe Cap Footwear	PASS

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Written by:

Stella

Engineer: Stella Li
 Date: January 23, 2024

Approved by:

Jerson King

 Manager: Jerson King
 Date: January 23, 2024

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1) Test Requested:

Impact Resistance For Whole Footwear (ASTM F2412-18, 5)

Test condition: Temperature: 21°C; R.H: 50%

Impact energy: 101.75J (75lbf)

Sample	Size	Result		ASTM F2413-18 Requirement	Comment
No.1	8	Left	18.4 mm	≥ 12.7 mm	PASS
		Left	18.2 mm	≥ 12.7 mm	PASS
		Right	18.0 mm	≥ 12.7 mm	PASS

2) Test Requested:

Compression Resistance Of Safety Footwear (ASTM F2412-18, 6)

Test condition: Temperature: 21°C; R.H: 50 %

Compression Force: 11121N (2500 lbf)

Sample	Size	Result		ASTM F2413-18 Requirement	Comment
No.1	8	Left	18.4 mm	≥ 12.7 mm	PASS
		Right	18.6 mm	≥ 12.7 mm	PASS
		Right	18.4 mm	≥ 12.7 mm	PASS

3) Test Requested:

Puncture Resistance For Puncture Resistant Devices (ASTM F2412-18, 11)

Sample	No.1	ASTM F2413-18 Requirement	Comment.
Left:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N.	Min. 1 200 N (*)	PASS
Left:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N.	Min. 1 200 N (*)	PASS



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Right:	The Test Pin Did Not Penetrate Beyond The Face Of The Material Nearest The Foot Before 1 200 N.	Min. 1 200 N (*)	PASS
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Remark: * = The Test Pin Does Not Visually Penetrate Beyond The Face Of The Material Nearest The Foot.

4) Test Requested:

Flex Resistance (ASTM F2412-18, 11.7 & CSA Z195-14, 6.3.2)

Sample: No.1

Sample	Assessment after 1.5×10^6 Flexes	ASTM F2413-18 Requirement	Comment.
1	No Visible Signs of Cracking	*	PASS
2	No Visible Signs of Cracking		PASS
3	No Visible Signs of Cracking		PASS

Remark: * = The specimen shall show no visible signs of cracking after it have been subjected to 1.5×10^6 flexes.

Specimen No	Description
No.1	Black safety shoes



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Photograph of Sample



*** END OF REPORT ***