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检测
TESTING
CNAS L0220

TEST REPORT

Number: GZHT91320738

Applicant: WELLMAX PRODUCTS CO., LTD
8F-5, NO.247, YIXIN ST., EAST DIST.,
TAICHUNG CITY 401, TAIWAN (R.O.C.)
Attn: JAY

Date: Mar 11, 2025

Sample Description:
One (1) roll of submitted sample said to be WELLMAX V NY-07 ANTIPENETRATION MID SOLE in White.

Standard	:	EN ISO 22568-4:2021
Style No./Name	:	WELLMAX V NY-07 ANTIPENETRATION MID SOLE
Date Received	:	Mar. 04, 2025
Testing Period	:	Mar. 04, 2025--Mar. 10, 2025

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager

CL / jackiezheng

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1 Flexing Resistance (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.2)

Specimen	Results	Requirement	Pass/Fail
Specimen 1	No Visible Signs Of Disintegration Or Delamination After 1×10^6 Flexion Cycles.	*	Pass
Specimen 2	No Visible Signs Of Disintegration Or Delamination After 1×10^6 Flexion Cycles.	*	Pass
Specimen 3	No Visible Signs Of Disintegration Or Delamination After 1×10^6 Flexion Cycles.	*	Pass
Specimen 4	No Visible Signs Of Disintegration Or Delamination After 1×10^6 Flexion Cycles.	*	Pass
Specimen 5	No Visible Signs Of Disintegration Or Delamination After 1×10^6 Flexion Cycles.	*	Pass
Specimen 6	No Visible Signs Of Disintegration Or Delamination After 1×10^6 Flexion Cycles.	*	Pass

Remark: * = The Non-Metallic Perforation Resistant Insert Shall Exhibit No Visible Signs Of Cracking, Disintegration Or Delamination After Having Been Subjected To 1×10^6 Flexion Cycles.

2 Resistance To Perforation (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.1.1, **Method PL And Annex A**, Diameter Of Test Nail: (4.5±0.05) mm, Speed: (10±3) mm/min. Conditioning: At Least 24 h At (23±2)℃ And (50±5)% R.H.)

Perforation Point	Results	Requirement	Pass/Fail
Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass

Remark: * = The Opposite Surface Of The Test Piece Shall Not Be Perforated And No Separation Between The Layers Of The Test piece Occurs Up To The Required Force Of 1100 N.

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3 Resistance To Perforation After Acid Sweat Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.3 & ISO 105-E04:2013, 4.4, **Method PL And Annex A**, Speed: (10±3) mm/min, Conditioning Before Testing: (23±2)℃ For 24 h)

Acid Sweat Treatment: pH 5.5 Acid Sweat Solution: (23±2)℃ For 24 Hours				
	Perforation Point	Results	Requirement	Pass/Fail
Sample 1	Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Perforation Point	Results	Requirement	Pass/Fail
Sample 2	Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass

Remark: * = The Opposite Surface Of The Test Piece Shall Not Be Perforated And No Separation Between The Layers Of The Test piece Occurs Up To The Required Force Of 1100 N.

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4 Resistance To Perforation After Alkali Sweat Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.4 & ISO 105-E04:2013, 4.3, **Method PL And Annex A**, Speed: (10±3) mm/min, Conditioning Before Testing: (23±2)℃ For 24 h)

Alkali Sweat Treatment: pH 8.0 Alkali Sweat Solution: (23±2)℃ For 24 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass

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5 Resistance To Perforation After High Temperature Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.2, **Method PL And Annex A**, Speed: (10±3) mm/min)

High Temperature Treatment: 60±2℃ For 4 Hours, Then 45±2℃ For Another 18 Hours				
	Perforation Point	Results	Requirement	Pass/Fail
Sample 1	Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Perforation Point	Results	Requirement	Pass/Fail
Sample 2	Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass

Remark: * = The Opposite Surface Of The Test Piece Shall Not Be Perforated And No Separation Between The Layers Of The Test piece Occurs Up To The Required Force Of 1100 N.

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6 Resistance To Perforation After Fuel Oil Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.5, **Method PL And Annex A,** Speed: (10±3) mm/min, Conditioning Before Testing: (23±2)℃ For 24 h)

Fuel Oil Treatment: 2,2,4-Trimethylpentane: (23±2)℃ For 24 Hours				
	Perforation Point	Results	Requirement	Pass/Fail
Sample 1	Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 2	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 3	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass
	Point 4	The Opposite Surface Of The Test Piece Was Not Perforated Up To 1100 N & No Separation Between The Layers Of The Test Piece Occurs Before 1100 N.	*	Pass

Remark: * = The Opposite Surface Of The Test Piece Shall Not Be Perforated And No Separation Between The Layers Of The Test piece Occurs Up To The Required Force Of 1100 N.

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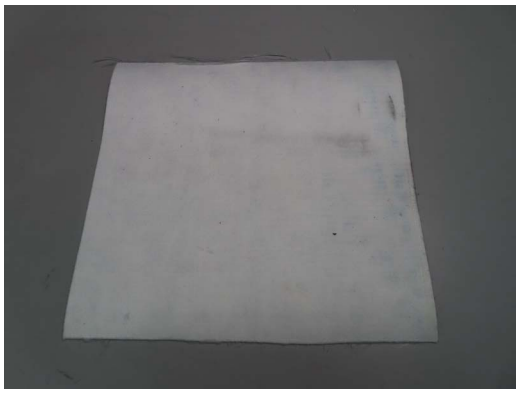

End Of Report

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Remark:
1. As Requested by the Applicant, For Details Refer to Attached Page (S).
2. All the tested item are tested under the standard condition.
3. The report is valid with commission test only for the test samples in the case of delivering samples by clients.

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