Thank you for giving UL the opportunity to partner with you.
Please note, Follow-Up Procedure Revisions or Report Revisions do not include Authorization Pages, Indices, Section General, and/or Appendices unless revisions were required or requested.

Should you have any questions, after reviewing the material, or need to report any inaccuracies, please reach out to your UL representative or find UL contact details for your local Customer Service Department at https://www.ul.com/about/locations.

Please find attached the related material

For your convenience, the below describes the related updates:

MQ7429-vol1-Index
MQ7429-20250807-CertificateofCompliance
MQ7429-20250807-Description
MQ7429-20250807-TestRecord

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Times change, Trust Remains™

DESCRIPTIVE SECTIONS:

MODEL/STYLE DESIGNATION	TYPE OF COMPONENT	SECTION
PP-PFD-WB	Webbing	1
PP-PFD-WBF	**Webbing**	**2**

Certificate of Compliance

Certificate Number:
MQ7429

Report Reference:
MQ7429-2025-08-07

Issue Date:
2025-08-08

Issued to:

SHINSUNG VINA CO., LTD.
Lot CN04, Cam Khe Industrial, Cam Khe Town, Cam Khe District
Phu Tho Province Vietnam

This certificate confirms that representative samples of:

LIFESAVING EQUIPMENT, MARINE - COMPONENT

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

ANSI/CAN/UL 1191 Components for Personal Flotation Devices
Additional Information:
See UL Product iQ® at https://iq.ulprospector.com for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

David Piecuch
UL Mark Certification Program Owner

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CERTIFICATE OF COMPLIANCE

Certificate number	MQ7429
Report reference	MQ7429-2025-08-07
Date	2025-08-08

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Webbing for Personal Flotation Devices Style PP-PFD-WBF

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Form-ULID-019496 – ver 1.0

File MQ7429
Project 4791610117 PL4

August 7, 2025

REPORT

on

COMPONENT - LIFESAVING EQUIPMENT, MARINE

SHINSUNG VINA CO., LTD.

Lot CN04, Cam Khe Industrial, Cam Khe Town, Cam Khe District
Phu Tho Province, VN

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DESCRIPTION

PRODUCTS COVERED:

Webbing for Personal Flotation Devices

Style	Width, in.	Composition	Color	Use Code
PP-PFD-WBF	1	Polypropylene	Black	1, 1F, 2, 2C, 2F, 3, 3C, 3F, 4, 4B, 4BC, 4H, 4RB, 5, 5H, 5R, 5WV

NOTES:

1 - Required Marking. Refer to Section General for description.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

CONDITIONS OF ACCEPTABILITY:

The products covered are for use only in (or with) complete equipment where the acceptability of the combination is determined by UL LLC.

The products covered may be used in place of other Recognized products provided the performance and other pertinent properties are sufficiently similar to render the same performance where used in the end product. Use Codes described in Section General are to be used as a guide.

The Factory/Follow-Up specifications are as follows:

TEST SPECIMEN				FACTORY/FOLLOW-UP SPECIFICATIONS		
				ULTIMATE BREAKING STRENGTH		QUALITATIVE INFRARED ANALYSIS
STYLE	SIZE (inch)	COMPOSITION	COLOR	MINIMUM ACCEPTABLE VALUE (lbf)	MAXIMUM ACCEPTABLE VALUE (lbf)	SPECTRUM #, REF. DATE
PP-PFD-WBF	1	Polypropylene	Black	709	944	R7-10-25; R10855

FINISHED WEBBING:

STYLE	PP-PFD-WBF	Production Tolerance
Width (inches)	1	± 10%
Total Warp Yarns[1]	84	±2
Total Stuffer Yarns	N/A	±2
Total Binder Yarns	13	±2
Total Filler Picks[2] per inch	20	±2
Weight (lb/100yds)[3]	3.0	± 5%
Thickness, inches	0.050	± 5%
Color	Black	N/A

NOTE 1 - Total Warp Yarns is number of yarns running lengthwise in the webbing.
NOTE 2 – Total Filler Picks is number of yarns running crosswise per inch of webbing, perpendicular (at right angles) to the Warp yarns. One Pick is two rows of yarn (24 Filler Picks = 48 yarn rows per inch).
NOTE 3 - Weight of webbing per length in lb/100yds (pounds per 100 yards of length).

General - The general construction and properties shall be as indicated below.

WEBBING:

STYLES: PP-PFD-WB	WARP YARNS	BINDER YARNS	STUFFER YARNS	FILLER YARNS
Yarn Manufacturer	SHINSUNG VINA CO., LTD Lot CN04, Cam Khe Industrial park, Cam Khe Town, Cam Khe District, Phu Tho, VIETNAM			
Material Type	Polypropylene	Polypropylene	NA/A	Polypropylene
Yarn Denier	840D	840D	N/A	840D
Number of Filaments	84	84	N/A	84
Luster	Bright	Bright	N/A	Bright
UV Inhibitors, % by weight	N/A	N/A	N/A	N/A
	N/A = Not Applicable			

Yarn Dye & Finish	Processor(s)	SHINSUNG VINA CO., LTD Lot CN04, Cam Khe Industrial park, Cam Khe Town, Cam Khe District, Phu Tho, VIETNAM
	Dye Process	N/A (Extruded)
	Heat Set Temp.	N/A
Weaver	Processor(s)	SHINSUNG VINA CO., LTD
	Loom Type:	Needle Loom
	Weight (lb/100 yd)	3.0
Final Testing & Inspection	Processor(s)	SHINSUNG VINA CO., LTD Lot CN04, Cam Khe Industrial park, Cam Khe Town, Cam Khe District, Phu Tho, VIETNAM
Labeling & Shipping	Processor(s)	SHINSUNG VINA CO., LTD Lot CN04, Cam Khe Industrial park, Cam Khe Town, Cam Khe District, Phu Tho, VIETNAM

TEST RECORD NO. 1

Samples of webbing Model PP-PFD-WBF in 1 inch were submitted by the manufacturer for testing.

GENERAL:

Tests were conducted to verify the acceptability of the webbing for use in UL Listed and USCG Approved Recreational Personal Flotation Devices for the following Use Codes:

STYLE	WIDTH (in.)	COMPOSITION	COLOR	USE CODES
PP-PFD-WBF	1	Polypropylene	Black	1, 1F, 2, 2C, 2F, 3, 3C, 3F, 4, 4B, 4BC, 4H, 4RB, 5, 5H, 5R, 5WV

Test results relate only to the items tested. UL does not consider the results to be representative of any other products except where specifically detailed in this Report. All tests were performed in accordance with Table 11.1 of the Standard ANSI/CAN/UL 1191, Components for Personal Flotation Devices, 5th Edition, revisions through and including 2024-04-03

SAMPLES:

Sample	Model	Color	Width, inch
A	PP-PFD-WBF	Black	1

FINISHED WEBBING SPECIFICATIONS:

Model		PP-PFD-WBF
Width (inches)		1
Total Warp Yarns	(±2)	84
Total Stuffer Yarns	(±2)	0
Total Binder Yarns	(±2)	13
Total Filler Picks per inch	(±2)	20
Weight (lb/100yds)	(±5%)	3.0
Thickness, inches	(±5%)	0.050
Color		Black

RESULTS:

SUMMARY OF TESTS		
TESTS	RESULTS	PARAMETERS
QUALITATIVE INFRARED ANALYSIS	Sample A – POLYPROPYLENE – R7-10-25; R10855	(1)
THICKNESS TEST(INCHES)	Sample A: 0.050 – Compliant	(1)
WEIGHT TEST (LBS/100 YARDS)	Sample A: 2.93 – Compliant	(1)
Notes and Comments: (1) = Identification Test only.		

The following tests were conducted per the requirements in UL1191 (5th edition, revisions through and including April 03th, 2024) as applicable for webbing.

SUMMARY OF TESTS			
TESTS (UL1191 TABLE 11.1)	RESULTS	PARAMETERS	
		Lbf	Use Codes
BREAKING LOAD (LBF) – STANDARD CONDITION	Sample A – Compliant	≥400	1, 1F, 2F, 3F, 5, 5WV and 5H
		≥200	2, 3 4BC, and 5R
		≥115	2C and 3C
		≥750 per inch of width	4, 4B, 4H, and 4RB
BREAKING LOAD (LBF)- 500 KJ	Sample A – Compliant	≥400	1, 1F, 2F, 3F, 5, 5WV, and 5H
		≥240	All except 1F, 2F, 3F, 5, 5WV, 5H.
		≥120	2, 3 4BC, and 5R
		≥69	2C and 3C
		≥450 per inch of width	4, 4B, 4H, and 4RB

ENGINEERING CONSIDERATIONS:

The Factory Follow-Up specifications for the Breaking Load (Standard/As-Received condition) was calculated by taking an average of the tested samples and applying the applicable tolerances.

TEST RECORD SUMMARY:

The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in the standards noted below and, therefore, such products are judged eligible to bear UL's Mark as described on the Conclusion Page of this Report.

Standard	Title	Edition	Latest Revision Date
ANSI/CAN/UL 1191	Components for Personal Flotation Devices	5	2024-04-03

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CONCLUSION

Samples of the components covered by this Report have been found to comply with the requirements covering the category and the components are found to comply with UL's applicable requirements. The description and test result in this Report are only applicable to the sample(s) investigated by UL and does not signify the product(s) described as being covered under UL's Follow-Up Service Program. When covered under UL's Follow-Up Service Program, the manufacturer is authorized to use the Recognized Marking on such products which comply with UL's Follow-Up Service Procedure and any other applicable requirements of UL LLC. The Recognized Component Mark of UL LLC on the product, or the Recognized Marking symbol on the product and the Recognized Component Mark on the smallest unit container in which the product is packaged, is the only method to identify products investigated by UL to published requirements and manufactured under UL's Recognition and Follow-Up Service.

This Report is intended solely for the use of UL and the Applicant for establishment of UL certification coverage of the product under UL's Follow-Up Service. Any use of the Report other than to indicate that the sample(s) of the product covered by the Report has been found to comply with UL's applicable requirements is not authorized and renders the Report null and void. UL shall not incur any obligation or liability for any loss, expense, or punitive damages, arising out of or in connection with the use or reliance upon the contents of this Report to anyone other than the Applicant as provided in the agreement between UL and Applicant. Any use or reference to UL's name or certification mark(s) by anyone other than the Applicant in accordance with the agreement is prohibited without the express written approval of UL. Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

Test Record by:	Reviewed by:
PETER MENG Senior Project Engineer	MICHAEL KIRKLAND Principal Engineer
CATHRINE MARTIN Engineering Manager	