

ARTIC MODULE *ASSYMMETRIC 310*

Art. 02150/1/ASY/STP



The name Artic was inspired by the specific needs expressed by some of our clients operating on oil platforms in the Northern seas. Because of the harsh weather conditions often encountered there, operators are required to wear special thermal suits that retain a large amount of air inside. These suits prevent the rotation of an unconscious body in the water. To allow a life jacket to rotate the body into a safe position, it was necessary to completely redesign the chamber, resulting in the Artic chamber.

An asymmetrically-designed chamber, with a varied volume distribution from one side to the other. This system allows the body of the person overboard to be positioned safely, even when wearing heavy clothing or carrying particular weights such as tools, military equipment or, in this case, bulletproof vests.

Additionally, the Artic chamber was designed with a special form that prevents spray generated by wind and waves from reaching the casualty's mouth. One part of the chamber, near the mouth, connects with the opposite side to create an effective splash barrier.

Standard accessories:

- Whistle compliant with ISO 12402-8
- Reflective and RADAR-reflective bands
- SOLAS light M.E.D. USCG Art. 03030

COMPATIBLE WITH MOLLE SYSTEM

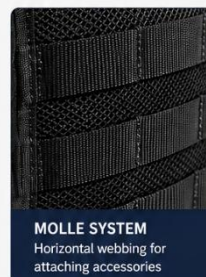
EASY TO ATTACH, SECURE AND STABLE



INFLATABLE LIFE JACKET



MOLLE VEST



MOLLE SYSTEM
Horizontal webbing for attaching accessories



CODE	PRODUCT NAME	ACTIVATION	ACTIVATOR
02150/1/ASY/STP	MODULO ARTIC	AUTOMATIC	UML MK5



Example shown stand-alone,
without a MOLLE vest



FRONT



BACK



Example shown with
MOLLE vest



Fastening system for MOLLE vests. Adaptable to MOLLE
platforms and tactical vests.

Attachment system for drop-
leg platforms and MOLLE
systems.

FEATURES	
Code: 02150/1/ASY/STP	
Type	Inflatable life jacket
Activator	UML MK5 automatic inflator mouth tube
Canister	60 g 1/2" GAS thread (all versions)
Real buoyancy	310 N
Class	275 N
Closure system	Safety harness with 45-mm webbing, fastening system with quick-release buckle in acetal resin and integrated adjustment plus double attachment point for the safety tether. ISO 12401 certified.
Certifications	SOLAS M.E.D. - ISO 12401
Size	Adult
Supported weight	43-140 kg
Waist circumference	Up to 175 cm
Case	PL 600D PU COATED
Chamber	Asymmetric dual-compartment buoyancy chamber with X3D system, PA420 PU-coated material, yellow colour
Product packaging	Transparent HD polyethylene bag, 50 microns
Product dimensions	Approx. 55x34x7 cm
Product weight	02150/1/HX/ASY (approx. 2024 g)
Packaging	60 x 40x 40 cm (8 pcs)
Inspection	Every 12 months
Optional accessories	Safety line, spray hood, automatic emergency light, flame-resistant cover.
Spare parts	Whistle, double crotch strap, rearming kit.
Veleria San Giorgio reserves the right to modify technical specifications without prior notice.	

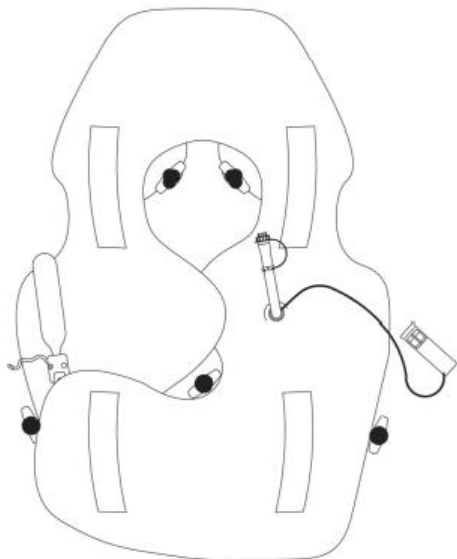


IMAGE OF THE INFLATED LIFE JACKET ACTIVATED

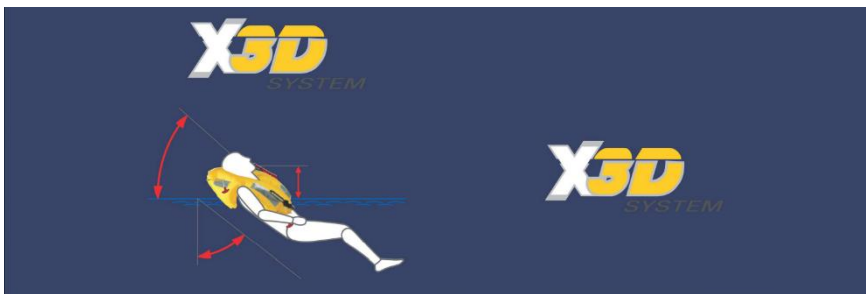
Dual-compartment flotation chamber with X3D rotation system, made of PA 420 PU COATED fabric with electronically-controlled high-frequency welding. Designed to follow the body's ergonomics and optimise positioning in the water. Thanks to its special asymmetric design, it ensures high rotation speed even when wearing particularly heavy clothing, workwear or, for example, an immersion suit. Through the "fin" structure positioned at the nape of the neck, it provides excellent support and perfect head stability for the wearer. The shape of the inflation chamber protects the airways against wave motion and guarantees the best freeboard in the inflatable life jacket category.

The two inflation systems fitted to the Artic, both automatic and manual, together with an overpressure valve, ensure the maximum inflation speed.

Upon contact with water, the two automatic systems activate simultaneously, ensuring full inflation in less than ten seconds.

The overpressure valve then releases excess air once the chamber is completely inflated and remains closed in case one or both automatic systems fail to activate.

All these features make Artic the most suitable floating bulletproof product.



ACTIVATIONS SYSTEMS:

- **Automatic** - Upon falling into the water, the system is submerged and automatically inflates the buoyancy chamber within 5 seconds. Automatic activation is possible thanks to the UML MK5 salt-based activator.
- **Manual** - The system is activated by pulling the dedicated handle.
- **Oral** - This type of inflation occurs through the dedicated mouth tube with non-return valve and protective cap. To inflate the chamber, simply blow into the mouth tube.

INCLUDED ACCESSORIES

	Double crotch strap - Code 09150 Use of this accessory improves the tilt, stability and position of the body in the water		LED light - Code 03030 Automatically activates upon contact with water. Visible up to one mile. Certified SOLAS MED and USCG
	Spray hood - Code 09145/AR/GI Reduces the risk of secondary drowning caused by inhaling water spray. Improves visibility/detection of the castaway.		Whistle - Code 25180 Mandatory accessory for emergency sound signalling. ISO 12402-8 certified.
	Signalling mirror - Code 1452 Signalling mirror that reflects sunlight, used to indicate the position of a boat or a man		Reflective band - Code Reflective tape that improves the visibility of a shipwreck survivor.
Rearming: UML MK5: Re-arming kit (26260) 60 g CO ₂ cylinder			



Remember to book a periodic inspection by emailing info@valeriasangiorgio.com or on the website.



For more information, please contact us by calling +39 0185 467701 or via www.valeriasangiorgio.com.



To buy or learn more about this product, please scan the QR Code or visit www.valeriasangiorgio.com.

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**VELERIA
SAN GIORGIO®**

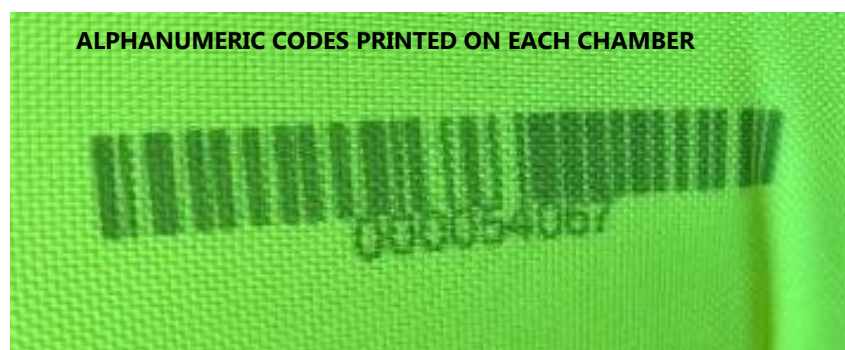
LIFEJACKET MANUFACTURER

ESCLUSIVE SAFETY TECNOLOGIES

Safety at sea is our main priority. We manage all research, design and production processes with the utmost care so as to offer certified equipment for all nautical fields, with the highest production standards. All research and development activities are certified by the Department of Applied Science and Technology of the Polytechnic University of Turin, in accordance with EU regulations.

THE PRODUCTION PROCESS AND TRACEABILITY

With the aim of making inflatable life jackets more reliable, in 1994 Veleria San Giorgio introduced the Unique Product Code system. As the only manufacturer in the world to employ this type of technology, VSG is now able to identify all materials and individual components utilised through distinct alphanumeric codes.



CERTIFICATO N. CERTIFICATE No.

26/91/S

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

VELERIA SAN GIORGIO S.R.L.

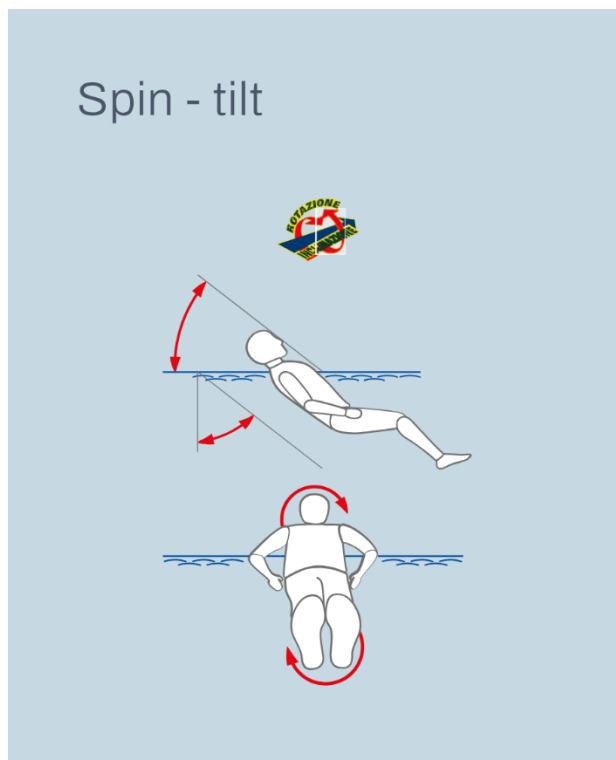
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È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD
ISO 9001:2015

Production processes are controlled via software specially developed by VSG, covering 100% of production so each product can be traced back to its buyer with absolute precision. This drastically reduces manufacturing defects (less than 1/10000 of returns), guaranteeing each buyer a unique product in the truest sense of the word and - most importantly - the highest degree of safety when needed.

Thanks to their ergonomic features, our life jackets guarantee an optimal position in the water and great stability. In addition, the vests offer enough buoyancy to rotate and tilt an unconscious person, so as to always keep the airway out of the water.



The single-compartment X3D System three-dimensional buoyancy chamber is made of PA 420 OU COATED fabric with electronically controlled high-frequency welds. The system ensures rapid and immediate rotation of the body in the water.

