

FIRST VACUUM - SOLAS 160



The SOLAS/ M.E.D. certified inflatable lifejacket is vacuum-packed to provide superior protection during onboard storage. The sealed packaging protects the lifejacket from moisture, dust, and salt spray, reducing deterioration and ensuring it remains ready for use even after extended periods onboard.

Its compact design allows for efficient stowage in dedicated storage spaces, while the ergonomic design enables quick and intuitive donning, ensuring comfort, minimal bulk, and full freedom of movement.

MAIN CHARACTERISTICS:

- SOLAS/ M.E.D. certified.
- Vacuum-packed.
- Compact, space-saving design.
- Immediate opening in emergency situations.
- Ergonomic and intuitive.
- Maintains optimal condition after extended storage periods.

BENEFITS:

- Vacuum-sealed packaging provides enhanced protection, helping to preserve material performance over time.
- Rapid deployment and donning during emergency situations.
- Reduced risk of material deterioration caused by prolonged exposure to the marine environment.



FRONT



BACK



CODE	PRODUCT NAME	ACTIVATION	ACTIVATOR
02272	FIRST VACUUM SOLAS 160	AUTOMATIC - SAA	UML MK5
02272/H	FIRST VACUUM SOLAS 160	AUTOMATIC - SAA	HAMMAR MA1 EC

FEATURES	
Codes: 02272 - 02272/H	
Type	Inflatable lifejacket
Activation systems	UML MK5 - Automaticc: 02272 HAMMAR MA/EC – Automaticc: 02272/H Oral inflation tube available on all versions
CO2 gas cylinder	33 g Thread ½" GAS
Real buoyancy	>160 N
Closure system	40 mm webbing, closure system with quick-release acetal resin buckle
Certification	SOLAS/ M.E.D.
Size	Adult
Supported weight	>40 kg
Waist circumference	80 – 175 cm (Oversized fit)
Chamber	Material: PA 420 PU coated, yellow colour
Packaging	Vacuum-sealed PE bag, transparent, tear-open design
Product dimensions	28 x 23 x 4,5 cm
Product weight	02272 : 765 g 02272/H : 672 g
Packaging	60 x 40 x 40 cm (18 pcs per box)
Service	Every 12 months
Accessories on demand	Spray hood
Spare parts	Whistle, rearming kit, SOLAS / M.E.D. Lifejacket light
Veleria San Giorgio reserves the right to modify technical specifications without prior notice.	

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Thanks to Vacuum technology, and subject to agreement with the Recognized Organizations and the vessel's Flag State Administrations, five-year inspection programs may be established, with an annual inspection rate of 20% of the total quantity.



Save 83% of onboard storage space.
M-CUBE MODEL: 20 × 28 × 33 cm
FIRST VACUUM MODEL: 28 × 23 × 4.5 cm

1 M-CUBE = 7 VACUUM 160N LIFEJACKETS

DONNING INSTRUCTIONS



1. Tear open the bag and extract the chamber



2. Put on the chamber



3. Fasten the waist strap and adjust it.

The SOLAS/ M.E.D. double-compartment buoyancy chamber is made in 420D PU-coated polyamide (PA) fabric, with electronically controlled high-frequency welded seams.

Designed to follow the body's natural ergonomics and optimize the wearer's position in the water, it ensures immediate body rotation, keeping the airways clear of the water.

Even when the chamber is fully inflated, the user can swim easily to reach a safe location or quickly board a liferaft.

ACTIVATION SYSTEMS:

The lifejacket integrates two methods of activation systems:

- **Automatic activation**

In the event of falling overboard, once immersed, the inflation system automatically inflates the buoyancy chamber within 5 seconds.

Automatic activation can be provided by the UML MK5 inflator or equivalent Halkey-Roberts inflator, which use a water-soluble bobbin, or through the HAMMAR MA1/EC activator, based on a hydrostatic activation system.

- **Oral inflation**

As an emergency or supplementary system, the buoyancy chamber can be inflated through the oral inflation tube, equipped with a non-return valve and protective cap.

Simply blowing into the tube is sufficient to complete or restore the inflation of the chamber.



VACUUM TECHNOLOGY

This technology has been developed and applied exclusively by Veleria San Giorgio to improve resistance to weathering and ensure longer product durability.

Tests conducted in accordance with SOLAS international standards demonstrate the efficiency of the Vacuum System compared to other packaging systems.

The Vacuum product is placed in a conditioning chamber in its original retail packaging.

Tests are performed on the product in its vacuum-sealed PVC packaging.

CLIMATIC CYCLE TESTS AND AGEING SIMULATION

Test method: – IMO Resolution MSC.200(80)

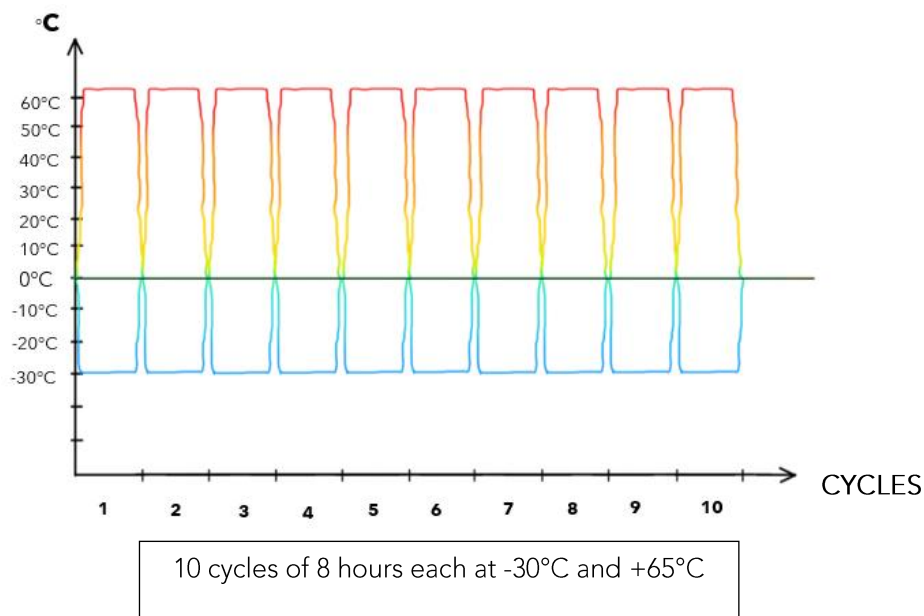
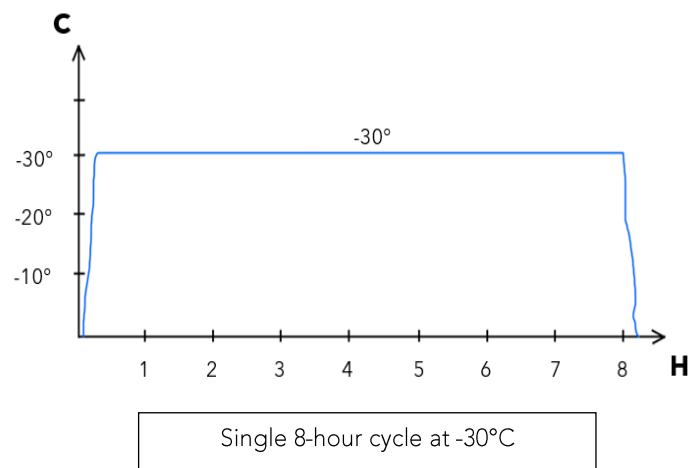
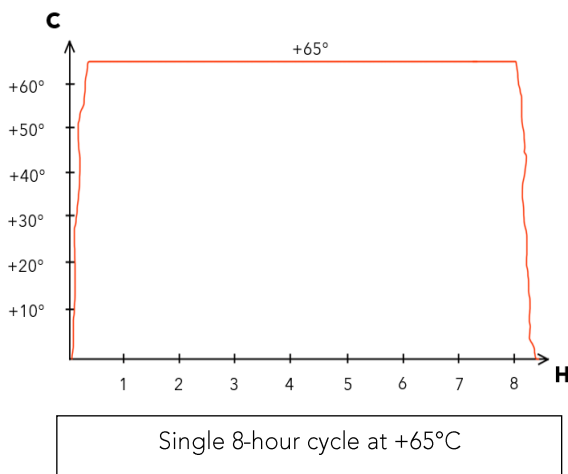
Equipment : – Climatic chamber type UY1200

Laboratory : – RINA Service SpA

The vacuum-sealed product was tested according to the test method provided by IMO Resolution MSC.200(80).

Conditioning in the climatic chamber involved temperature cycles of +65°C for 8 hours and -30°C for 8 hours, for a total of 10 cycles.

The thermal cycling test was successful, showing no damage to the products and meeting standard requirements.



SPARE PARTS

	LED Light code 03030
	Automatically activates upon immersion in water. Provides visibility up to 1 nautical mile. SOLAS/ M.E.D. certified and USCG approved.

	Microprismatic reflective tape code 367/795
	Soft and flexible reflective tape with a sew-on fabric backing, compliant with EN ISO 20471:2013.

	Whistle code 25180
	Mandatory accessory providing an audible emergency signal. ISO 12402-8 certified.

Rearming kit:
UML MK5: Rearming kit (26233), 33 g CO ₂ cylinder HAMMAR MA1/EC: Rearming kit (26233), 33 g CO ₂ cylinder

ACCESSORIES

	Sprayhood code 09145/SK
	Reduces the risk of secondary drowning caused by the inhalation of sea spray. Improves the visibility and detection of the casualty during rescue operations.

	VSG Rescue ID
	Recognition system with integrated programming and identification technology via radio frequency (VSG Rescue ID).



Remember to carry out periodic service.
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SAN GIORGIO®**

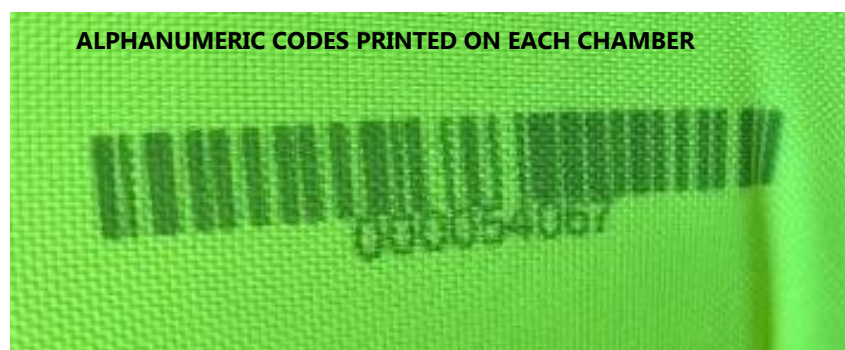
LIFEJACKET MANUFACTURER

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.

VIA A DE GASPERI 37H 16030 Casarza Ligure (GE) ITALIA
NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA A DE GASPERI 37H 16030 Casarza Ligure (GE) ITALIA

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.

Spin - tilt

