



PROFESSIONAL

ALPHA 275 3D TWZ



Lifejacket level 275



ALPHA 275 3D TWZ

SOLAS premium model: high volume,
twin chamber 3D technology.

This design combines two important innovations in lifejacket technology. The patented buoyancy chamber design is built with a double inflatable chamber so for extra safety, the second compartment can be filled by a simple tug on a cord to manually operate the CO₂ cylinder, thereby maintaining the full buoyancy. Also, the 3D design provides considerable buoyancy on the front chest area, offering much enhanced righting

moment to any unfortunate casualty in the water, turning them quickly onto their backs – very important if wearing heavy foul weather clothing or a tool belt. Available with different accessories such as harness and emergency PLB.



SPECIFICATION

General technical data	
Type:	Alpha 275 3D TWZ
Part No.:	13806, 13807 (with safety harness)
Approval:	EN ISO 12402-2 SOLAS 74 (MSC.200(80)) EN ISO 12401 (only lifejacket with safety harness)
Buoyancy:	approx. 290 N
Colour:	Dark blue
Weight:	approx. 2.4 kg
CO ₂ -Cartridge:	60 g CO ₂ -Dock
Size:	50 kg and more body weight up to 175 cm chest measurement
Temperature range:	Storage: -54 °C to +70 °C Operation: -10 °C to +70 °C
Geographical range:	unlimited*
Application:	For all industrial and commercial inshore or offshore uses.
* to protect the SECUMAR Pill/Pill-Box against premature disintegration caused by high atmospheric humidity/temperature SECUMAR highly recommends to adapt the changing interval to these specific areas. The standard interval should be shortened to an appropriate period.	

Protective Stole			
Integrated Safety Harness acc. to EN ISO 12401:	- / • (only lifejacket with safety harness)	Colour:	Dark blue
Material:	Polyamide fabric	Closed with:	Zip fastener with predetermined breaking point
Adjustment waist belt:	1 lateral slider	Buckle:	SECUMAR Click-Buckle, 50 mm
Lifting becket (3,2 kN):	•	Back strap:	Single
Window:	Automatic	Pocket for accessories:	-
Service-Zipper:	-	Pocket for nametag:	-
Characteristics: The new window-design enables a direct view of the inflation device without opening the protective stole. With the patented SECUMAR CLICK-buckle the donning and doffing of the lifejacket is very easy, it is donned like a normal jacket.			

Buoyancy chamber			
Design:	3D, twin chamber membrane technology	Colour:	Orange
Oral valve:	•	Retro reflecting tape:	400 cm ² (Material: 3M®)
Material:	Polyurethane-coated polyamide fabric	Overpressure valve:	•
Pocket for transmitter:	-		
Characteristics: The new type of buoyancy chamber design provides an outstanding ability to turn the wearer in a safe position on his back, even with heavy protective clothing. Additional to this the inflated buoyancy chamber is very comfortable to wear. Due to the 3D-design the visibility of the lifejacket increases significantly because a distress light can be mounted in an approximately 20 cm higher position than in common lifejackets.			

• Standard/◦ Optional/- Not available

Inflation device

	1. Chamber	2. Chamber
Operation:	Automatic activation upon the SECUMAR Pill-Boxes contact with water.	Manual activation with rip cord.
Type:	SECUMATIC 4001S	SECUMATIC 401S
Indicator:	4-in-1-Indicator visible through window	3-in-1-Indicator
Characteristics:	One single red-green-indicator offers an easy possibility of control and inspection before every use: SECUMAR Pill-Box is inserted, CO ₂ -cartridge is full, CO ₂ -cartridge is fitted correctly and activation lever is secured.	One single red-green-indicator offers an easy possibility of control and inspection before every use: CO ₂ -cartridge is full, CO ₂ -cartridge is fitted correctly and activation lever is secured.

Equipment

Sprayhood:	•	Crutch strap:	o
Distress light:	SECULUX CFX-II	CO ₂ -Cartridge:	2x 60 g CO ₂ -Dock
Neck fleece:	• (detachable)	Buddy Line:	•
Transmitter:	–	Signal whistle:	•
Lifeline:	o	Instructions, multi-language:	•

Characteristics:

The neck-fleece provides extra comfort in the neck-area. It is detachable and easy to clean or exchange.

The service label on the waist belt shows you at a glance when your lifejacket should be serviced again by the SECUMAR service.

Model variants



Alpha 275 3D TWZ PLB (Rothetha, P/N: 13954)
Alpha 275 3D TWZ PLB (easyRESCUE, P/N: 13954-01)



Alpha 275 3D TWZ PLB Harness (Rothetha, P/N: 13955)
Alpha 275 3D TWZ PLB Harness (easyRESCUE, P/N: 13955-01)

Optional Equipment/ Spare parts



60 g CO₂-Dock AUTO
(P/N: 12507)
60 g CO₂-Dock HAND
(P/N: 12954)



Distress light SECULUX CFX-II
(P/N: 12947)



Lifeline 2040LL
(P/N: 421)
Lifeline X-treme
(P/N: 12207)



Crutch strap 2K Click 30
(P/N: 14693)

• Standard/o Optional/– Not available

06-13-1000



CE: PPE in conformance with Directive 89/686/EWG, type-approved to EN standards and/or DIN EN ISO 12402



CE-Wheel mark: PPE in conformance with MED Marine Equipment Directive 96/98/EG and approved to SOLAS/IMO regulations for marine rescue equipment.



SECUMAR is a member of the Emergency Sea Rescue Equipment Trade Federation (FSR), a union of suppliers and importers of all water rescue equipment. For further information, see www.fsr.de.



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