



LIFEJACKETS

## FURIO

The new hybridvest combines an impact vest with an inflatable lifejacket.

**NEW**

# SPORTS 2021

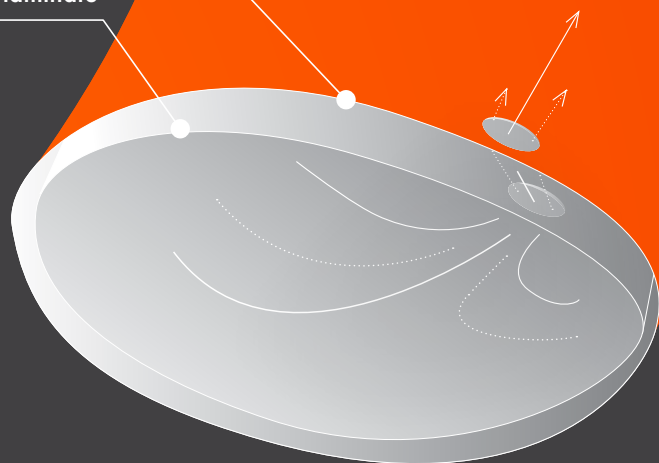
HAVE A **SAFE** DAY

THEREFORE SECUMAR

# UNIQUELY



Outerskin  
Inner stretch laminate



THE SELF-SEALING DUO PROTECT BUOYANCY CHAMBER MAKES THE SURVIVAL 275 Duo Protect, MINI and JUNIOR THANKS TO OUR PATENTED SYSTEM THE SAFEST RESCUE EQUIPMENT FOR WATER SPORTS.

Inside the buoyancy chamber is another airtight stretch laminate. If the outer skin (1) is punctured, the internal gas pressure will force the inner skin to overlap (2) the hole and seal the leak (3).

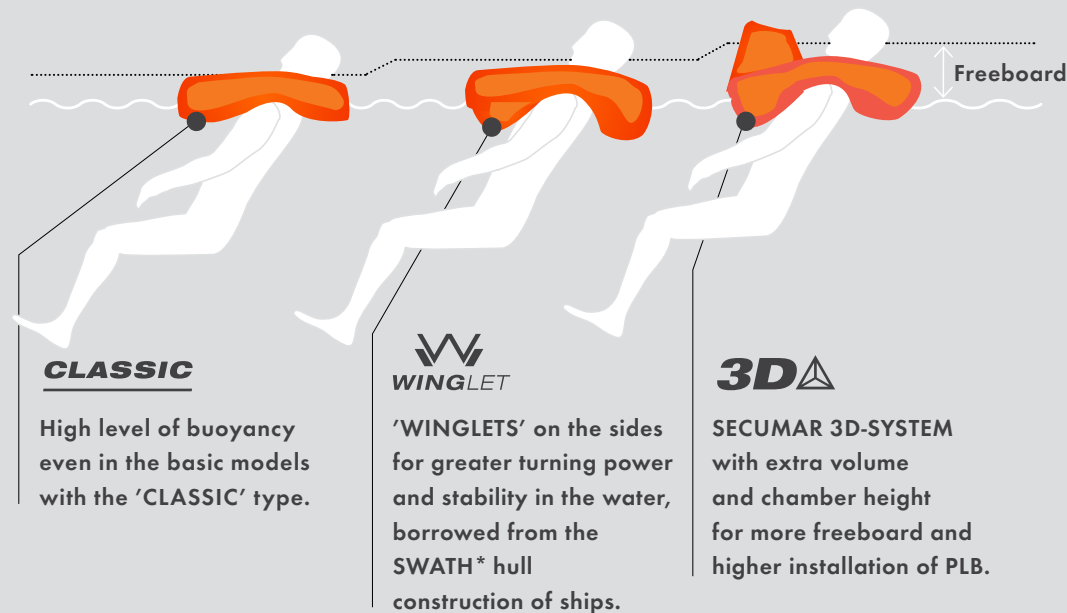
**DUO**  
Protect®



SECUMAR BUOYANCY CHAMBERS: CLASSIC, WINGLET AND 3D

The construction of a buoyancy chamber is decided by its intended performance in water.

The physical distribution of buoyancy should be at the side and behind the head of the lifejacket wearer so they are turned quickly from a potentially deadly position on their front to a stable position on their back with the head supported clear of the water.



## CLASSIC

High level of buoyancy even in the basic models with the 'CLASSIC' type.

## WINGLET

'WINGLETS' on the sides for greater turning power and stability in the water, borrowed from the SWATH\* hull construction of ships.

## 3D

SECUMAR 3D-SYSTEM with extra volume and chamber height for more freeboard and higher installation of PLB.



\* SWATH (Small Waterplane Area Twin Hull) = special ship design with narrow hulls and deep draught for excellent rough weather stability.

# THOUGHT OUT



# FURIO



NEW

Non inflated,  
a robust impact vest  
with 50 N buoyancy.

After manual activation  
a fully fledged lifejacket  
with 150 N in total.

- ✓ Hybrid lifejacket for fast sailing, especially foiling / skiff sailing as well as kite-surfing.
- ✓ A combination of a 50 N buoyancy aid with an impact protection and a manually inflatable buoyancy chamber of approx. 110 N.
- ✓ Applies equally to the foiling sailor sitting in the cockpit or out on a trapeze and kitesurfers using waist or seat harnesses.
- ✓ Available in four sizes.
- ✓ The buoyancy aid tightly secures to the body to give the user the maximum freedom of movement.
- ✓ Adjustable body belt for an optimum fit.
- ✓ Robust front-zipper for fast donning /doffing.
- ✓ Front pocket for small items.
- ✓ Hanging loop in the neck area for storage.
- ✓ Skin-friendly materials consist of neoprene, fabric, foam and a spacer fabric.

SECUMAR  
INNOVATION  
2021  
HYBRIDVEST

Easily  
accessible  
handle  
for manual  
activation.



Small opening  
in the lower front  
area to allow  
room for the  
trapeze hook.



With back protector  
in reference to DIN  
EN 1621-2 for  
additional pro-  
tection of the spine.





# FREE 100



- ✓ The inflatable rescue device for swimmers, stand-up paddlers and all watersports enthusiasts, on or in the water, has just received a powerful face-lift.
- ✓ Ergonomic fit.
- ✓ Skin-friendly material with padded surfaces.
- ✓ Fully inflatable, manually activatable buoyancy chamber with 110 N.
- ✓ Reusable with disposable CO<sub>2</sub>-cylinder.
- ✓ Low weight: only 500 gr.



Non inflated,  
a comfortable hip pouch with  
practical storage options.

After manual activation a fully  
fledged lifejacket buoyancy chamber  
with 110 N.



YOUR  
LIFESAVER  
IN A  
POCKET

Elasticated  
holders for such  
things as power  
gels, bars and  
a glow stick.

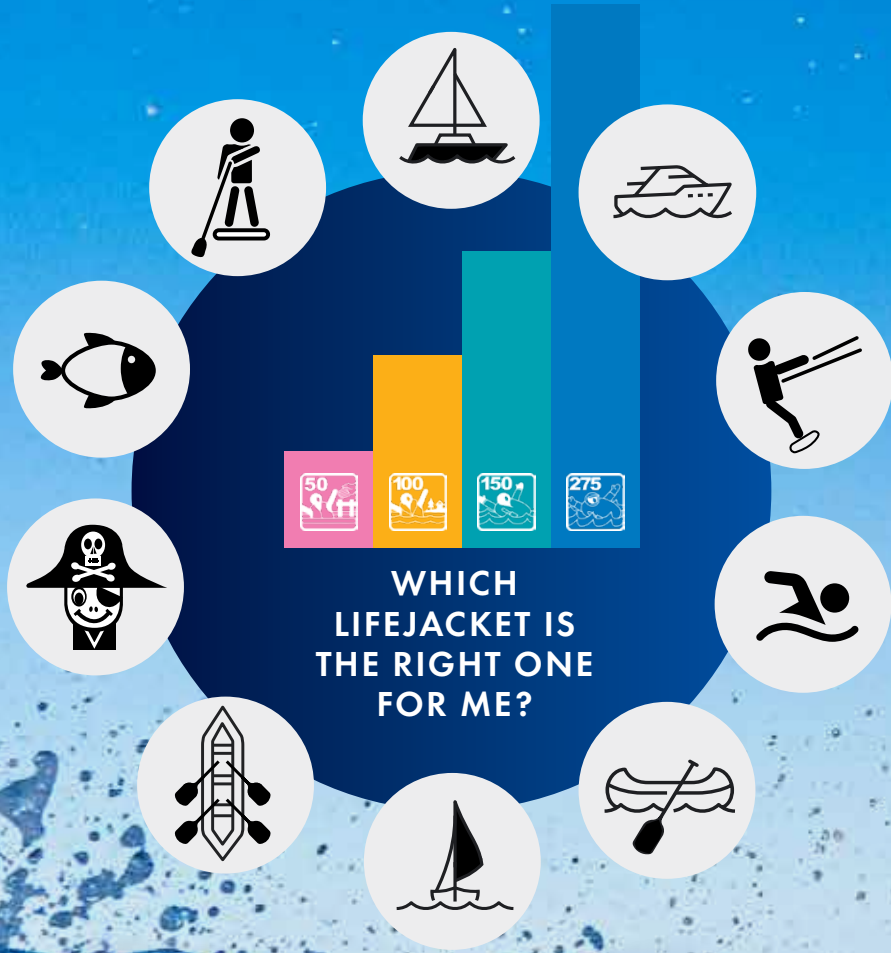


Mesh  
storage bag  
with an  
elastic loop  
for a key ring.



NEW





The number of lifejacket possibilities are as big as the number of areas in which it can be used, but it can't be all things to all people, so the big question is 'Which is the right lifejacket'?

The best way to answer this is to ask what it will be used for (see right page).

1

**WHERE WILL IT BE USED?**

Inland, coastal or offshore? Canoeing, dinghy sailing, keelboat sailing, motor boating or fishing? Each has its own requirements and will determine the decision over which lifejacket to choose.

2

**WHAT CLOTHING WILL BE WORN?**

Lightweight sailing kit or heavy foul-weather gear determines how much buoyancy the lifejacket must have.

Take a look at the buoyancy classes for further clarity.



**50 N BUOYANCY AIDS**  
For regular swimmers near a beach or means of assistance, not for unconscious persons.  
This is not a lifejacket!



**100 N LIFEJACKETS**  
Inland and protected waters.  
Not suitable for unconscious persons.



**150 N LIFEJACKETS**  
For use in all waters and for unconscious persons unless wearing heavy or waterproof clothing.



**275 N LIFEJACKETS**  
For use in all waters and for unconscious persons, especially in heavy conditions and when wearing heavy or waterproof clothing.

Are you still undecided? Visit our lifejacket advisor online [www.secumar.com/en/lifejacket-advisor](http://www.secumar.com/en/lifejacket-advisor)

• standard  
◦ optional  
- not available

																
	SCOUT	SURVIVAL 275 Duo Protect	SURVIVAL 275		ARKONA 275	SURVIVAL 220		ARKONA 220	ULTRA 170		ULTRA 170 Harness		SECUFIT	VIVO 100	FURIO	FREE 100
P/N	16062	16699	dark blue 16689	schwarz 16698	16376	blue 16696	light grey 16690	16375	hawaiian 16705	black 16385	hawaiian 16707	black 16348	15732	14224	17214 (40–60 kg) 17215 (60–80 kg) 17216 (80–100 kg) 17217 (100–120 kg)	17164
Buoyancy chamber type	3D	WINGLET	WINGLET		CLASSIC	WINGLET		CLASSIC	CLASSIC		CLASSIC		WINGLET	CLASSIC	CLASSIC	CLASSIC
Buoyancy class	275 N	275 N	275 N		275 N	150 N		150 N	150 N		150 N		150 N	100 N	100 N	50 N
Actual buoyancy	290 N	280 N	280 N		280 N	220 N		220 N	165 N		165 N		160 N	110 N	50N + 110 N	110 N
Comply to DIN EN ISO	12402-2 und 12401	12402-2 and 12401	12402-2 and 12401		12402-2 and 12401	12402-3 and 12401		12402-3 and 12401	12402-3		12402-3 and 12401		12402-3 and -6	12402-4 and -6	12402-4 and -6	12402-5 and -6
Auto firing mechanism	SECUMATIC 4001S	SECUMATIC 4001S	SECUMATIC 4001S		SECUMATIC 3001S	SECUMATIC 4001S		SECUMATIC 3001S	SECUMATIC 4001S		SECUMATIC 4001S		SECUMATIC 3001S	SECU 301SM	SECU S31	SECU S31
CO <sub>2</sub> -Cylinder (P/N)	60g Dock (12507)	60g Dock (12507)	60g Dock (12507)		56 g (929)	43 g Dock (15239)		43g (14344)	32g Dock (11433)		32g Dock (11433)		32 g (927)	22 g (924)	22 g (15866)	22 g (15866)
Outer cover closed with	Zip	Zip	Zip		Velcro	Zip		Velcro	Velcro		Velcro		Zip	Velcro	Zip	Velcro
Integral harness	textile D-Ring	textile D-Ring	textile D-Ring		•	textile D-Ring		•	–		•		–	–	–	–
Back section	padded	padded, adjustable	padded, adjustable		Webbing	padded, adjustable		Webbing	Webbing		Webbing		padded, adjustable	Webbing	padded	–
Sprayhood	GORE®	Polyamid	Polyamid		–	Polyamid		–	◦		◦		–	–	–	–
SOLAS emergency light	•	◦	◦		◦	◦		◦	◦		◦		◦	◦	◦	◦
Firing mechanism access zip	•	•	•		–	•		–	–		–		–	–	–	–
Inspection window	•	•	•		–	•		–	•		•		–	–	–	–
Neck area	Softshell	Softshell	Softshell		–	Softshell		–	Fleece		Fleece		Softshell	Fleece	–	–
Crutch strap Simple / 2K CLICK 30	2K / ◦	• / ◦	• / ◦		• / ◦	• / ◦		• / ◦	• / ◦		• / ◦		• / ◦	– / –	– / –	– / –
Integral pocket for PLB	•	•	•		◦	•		◦	◦		◦		–	–	–	–
Duo Protect System	–	•	–		–	–		–	–		–		–	–	–	–
Hover System	•	–	–		–	–		–	–		–		–	–	–	–






# INFLATABLE LIFEJACKETS











# KIT FOR KIDS

- standard
- optional
- not available

					
P/N	15440	15471	16379	see "Body weight / Actual buoyancy"	
Buoyancy chamber type	WINGLET	WINGLET	CLASSIC	-	-
Buoyancy class /comply to	150N / DIN EN ISO 12402-3 and 12401			100N/ DIN EN ISO 12402-4	
Body weight / Actual buoyancy	15-30 kg / 90 N	20-50 kg / 110 N	20-50 kg / 110 N	10-15 kg / 30 N P/N 13273 15-20 kg / 40 N P/N 13274 20-30 kg / 40 N P/N 13275 30-40 kg / 50 N P/N 13276	5-10 kg / 30 N P/N 13269 10-15 kg / 30 N P/N 13270 15-20 kg / 40 N P/N 13271 20-30 kg / 40 N P/N 13531
Chest	49-72 cm	58-82 cm	72-90 cm	-	-
Auto firing mechanism / ofixed foam	SECUMATIC 3001S			SECU Foam	SECU Foam Soft
CO <sub>2</sub> -Cylinder (P/N)	16 g (901)	22 g (925)	22 g (925)	-	-
Whistle	•	•	•	•	•
3M® Retro-reflective strips	300 cm <sup>2</sup>	300 cm <sup>2</sup>	300 cm <sup>2</sup>	100 cm <sup>2</sup>	100 cm <sup>2</sup>
Integral Harness	•	•	•	-	-
Front closure	CLICK 30	CLICK 30	Metall	Plastic	Plastic
Inspection Window	-	-	-	-	-
Neck area	Micro-Fleece	Micro-Fleece	Fleece	-	-
Back section	Webbing	Webbing	Webbing	Webbing	Webbing
Lifting strop	•	•	•	-	-
SOLAS emergency light	◦	◦	◦	-	-
Crutch strap	•	•	•	double	•
Duo Protect System	•	•	-	-	-

- standard
- optional
- not available

						
	JUMP PRO	JUMP	ECHO	BRAVO	VIVO 50	CAMINO
Buoyancy class	50 N	50 N	50 N	100 N	50 N	50 N
comply to	DIN EN ISO 12402-5	DIN EN ISO 12402-5	DIN EN ISO 12402-5	DIN EN ISO 12402-4	DIN EN ISO 12402-5	DIN EN ISO 12402-5
Body weight/ Buoyancy P/N	30-40 kg / 35 N P/N 15196 40-70 kg / 45 N P/N 15197 70-90 kg / 50 N P/N 15198 90-120 kg / 50 N P/N 15199	30-40 kg / 35 N P/N 13263 40-70 kg / 45 N P/N 13264 70-90 kg / 50 N P/N 13265 90-120 kg / 50 N P/N 13266	30-40 kg / 35 N P/N. 11666 40-70 kg / 45 N P/N 11667 70-90 kg / 50 N P/N 11668 90-120 kg / 50 N P/N 11669	40-50 kg / 60 N P/N 11674 50-70 kg / 80 N P/N 11675 70-80 kg / 100 N P/N 11676 80-120 kg / 100 N P/N 11677	> 40 kg / 50 N P/N 14253	30-40 kg / 35 N P/N 16929 40-70 kg / 45 N P/N 16930 70-90 kg / 50 N P/N 16931 90-120 kg / 50 N P/N 16932
Fixed SECU Foam	•	•	•	•	•	SECU Foam Soft
Closure						
... Zip	•	•	•	•	-	•
... Velcro	•	•	-	-	-	-
... Cord	-	•	•	-	-	-
... Plastic buckles	-	-	•	•	-	•
Whistle	-	-	-	•	-	-
3M® Retro-reflective strips	•	•	-	100 cm <sup>2</sup>	-	•
Adjustable waist belt	•	•	•	•	•	•
Crutch strap	-	-	-	double	•	-
Front zipped Pocket	•	•	-	-	-	-
Storage bag	•	•	•	•	•	•

# FOAM BUOYANCY AIDS





The regular inspection of all equipment that is concerned with the safety of life is essential.

None more, than for lifejackets where the natural ageing process of the materials degrades them causing impairments in their automatic inflation and use.

This is why your lifejacket should be returned to an authorized service agent or the manufacturer, to be checked every two years until the end of its ten year service life.

After a successful service check your lifejacket gets a new FSR Service Disc – similar to your car's MOT!

# MAINTENANCE AND SERVICE

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## ORIGINAL SECUMAR ACCESSORIES

Detailed information about the ones shown here and about other accessories such as sprayhood, distress transmitter and how to integrate them into your SECUMAR lifejacket can be found at our website [www.secumar.com](http://www.secumar.com)



ANTI-INVERSION  
CUSHION



CRUTCH STRAP 2K CLICK 30



CLASSIC  
SAFETY LANYARD



JUNIOR  
SAFETY LANYARD



SECU 17



SECULUX L 92



CO<sub>2</sub>-CARTRIDGES



PILLS



SECULIFT LWS 25



SECULUX LED



MANUAL OVERRIDE



M.O.B. PACK



DROGUE





DOUBLE  
ANNI-  
VERSARY

- Formation of company  
Ingenieur Karl Bernhardt Apparatebau in 1926.
- Early 1950's Bernhardt Apparatebau  
started developing lifejackets.
- SECUMAR launched on the market in 1961.
- Auto-inflating SECUMAR BS 8 lifejacket  
radically reduced drownings  
on European inland shipping in the 1970's.
- SECUMAR lifejackets adopted  
by the German Lifeboat, other rescue services  
and professionals.
- SECUMAR offers a worldwide service  
and distribution network.



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SECUMAR is a member of  
the German association of manufacturers  
and importers of life-saving  
and rescue equipment (FSR)  
an union of suppliers und importers  
of all water rescue equipment.

For further information, see [www.fsr.de](http://www.fsr.de)

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