



H A V E A
S A F E D A Y



NEED ADVICE?

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.

*Which
Lifejacket
is the right for me?*

IN ANY CASE SECUMAR HAS THE RIGHT LIFEJACKET FOR YOU!

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.





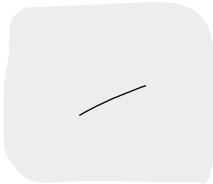



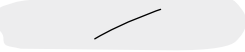

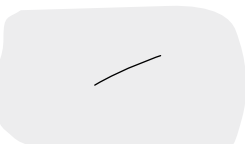
2. What clothing will be worn?


Lightweight sailing kit or heavy foul-weather gear determines how much buoyancy the lifejacket must have. Take a look at the buoyancy classes listed below for further clarity.

ABOUT BERNHARDT APPARATEBAU

- | | |
|--|---|
| <ul style="list-style-type: none">• 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. | <ul style="list-style-type: none">• SECUMAR lifejackets adopted by the German Lifeboat, other rescue services and professionals.• SECUMAR offers a worldwide service and distribution network. |
|--|---|

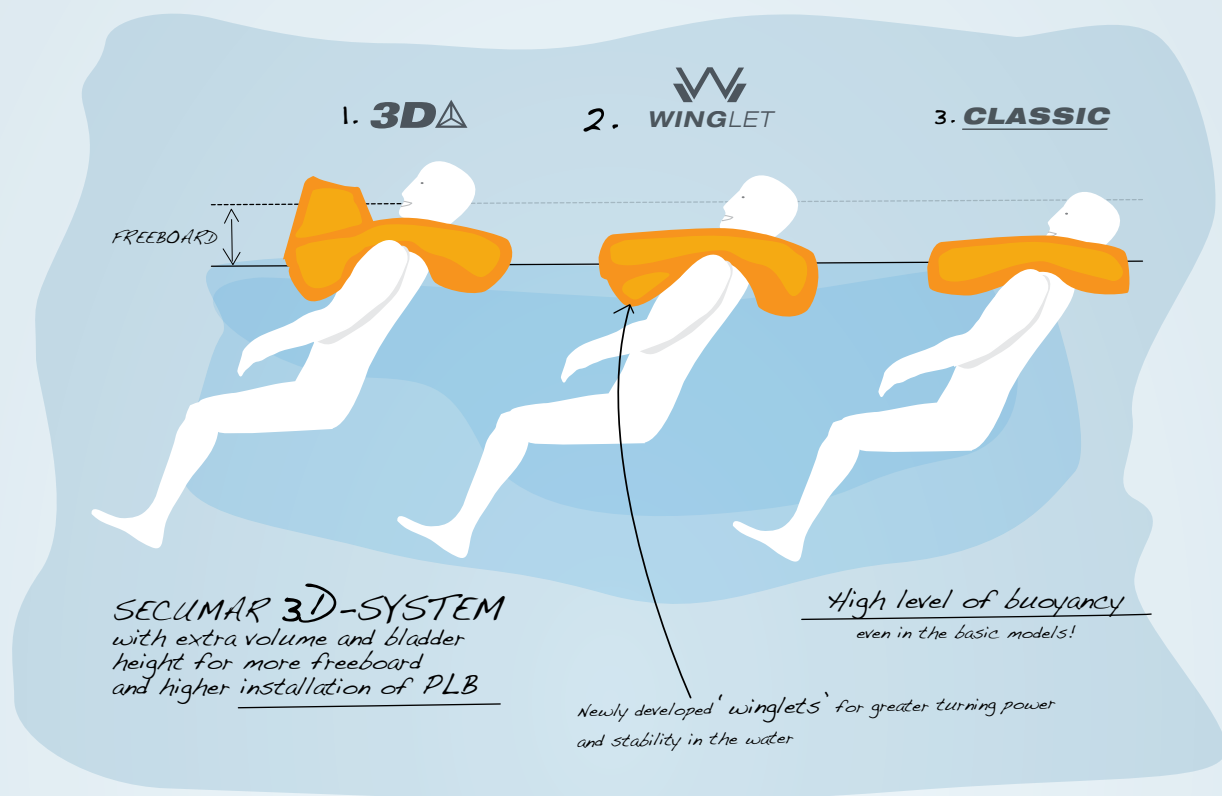
ORIENTATION

| | <p>50N buoyancy aid</p>  | <p>100N lifejacket</p>  | <p>150N lifejacket</p>  | <p>275N lifejacket</p>  |
|-----------------|---|--|--|---|
| SAILING YACHT |  | Bravo <i>P. 21</i> | Survival 220 <i>P. 11</i> Arkona 220 <i>P. 11</i> Ultra AX <i>P. 12</i> Ultra AX Harness <i>P. 12</i> Ultra AX Plus <i>P. 12</i> | Scout 275 3D <i>P. 6</i> Tetra 275 3D <i>P. 6</i> Survival 275 <i>P. 8</i> Survival 275 Duo Protect <i>P. 8</i> Bolero 275 <i>P. 8</i> Arkona 275 <i>P. 9</i> |
| MOTOR YACHT |  | Bravo <i>P. 21</i> | Ultra AX <i>P. 12</i> Survival 220 <i>P. 11</i> Arkona 220 <i>P. 11</i> | Survival 275 <i>P. 8</i> Bolero 275 <i>P. 8</i> Arkona 275 <i>P. 9</i> |
| KEELBOAT DINGHY | Jump <i>P. 21</i> Jump Pro <i>P. 21</i> Echo <i>P. 20</i> | Bravo <i>P. 21</i> | Ultra AX <i>P. 12</i> |  |
| PADDLERS | Echo <i>P. 20</i> Vivo 50 <i>P. 18</i> | Vivo 100 <i>P. 18</i> Bravo <i>P. 21</i> | 15 SR <i>P. 18</i> Canoe Plus <i>P. 18</i> Ultra AX <i>P. 12</i> |  |
| ROWERS | Vivo 50 <i>P. 18</i> | Vivo 100 <i>P. 18</i> | 15 SR <i>P. 18</i> Canoe Plus <i>P. 18</i> |  |
| ANGLERS | Jump <i>P. 21</i> | Vivo 100 <i>P. 18</i> Bravo <i>P. 21</i> | Canoe Plus <i>P. 18</i> Ultra AX <i>P. 12</i> Arkona 220 <i>P. 11</i> | Tetra 275 3D <i>P. 6</i> Survival 275 Duo Protect <i>P. 8</i> Bolero 275 <i>P. 8</i> Arkona 275 <i>P. 9</i> |
| KIDS |  | Bravo Print <i>P. 17</i> Bravo <i>P. 17</i> | Mini <i>P. 16</i> Junior <i>P. 16</i> Arkona Midi <i>P. 17</i> |  |
| | For regular swimmers near a beach or means of assistance, not unconscious. This is not a lifejacket! | Inland and protected waters. Not suitable for unconscious persons. | For use in all waters and for unconscious persons unless wearing heavy or waterproof clothing. | For use in all waters and for unconscious persons, especially in heavy conditions and when wearing heavy or waterproof clothing. |

 = If wearing light clothing

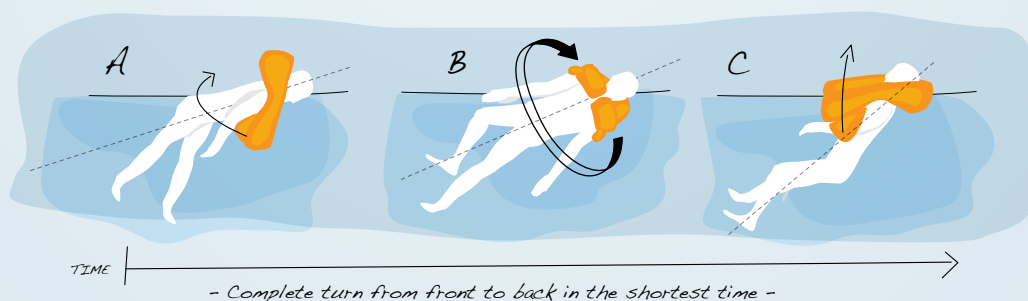
 = If wearing heavy weather clothing

OUR THREE BUOYANCY BLADDER TYPES FOR INFLATABLE LIFEJACKETS



The construction of a buoyancy bladder 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. The buoyancy

should be great enough to keep the mouth and nose well clear of the water (freeboard) but also have enough leverage to turn the wearer onto their back and must be held securely and efficiently to the body to get the maximum lift. The side chambers of the new Winglet buoyancy bladder offer stability in a seaway in much the same way as a SWATH hull*.



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

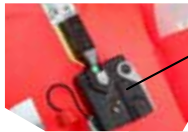
HOW TO BUILD AN INFLATABLE LIFEJACKET



INSPECTION WINDOW

Displays the firing mechanism status.

Single point
"Green for Go"



FIRING MECHANISM + Manual Override

Sensor, when in contact with water, automatically triggers CO₂ inflation.

Manual firing also.



converts
automatic firing
to manual only.

Neck fleece



HARNES

to tether you to the deck.

SECUMAR SERVICE DISC

An inspection sticker indicates the next service date.

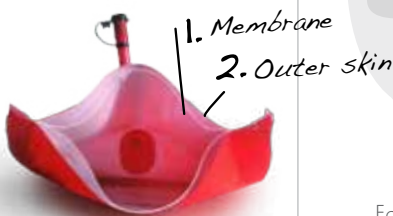


"CLUNK-CLICK" BUCKLE

For easy opening and closing.

DUO PROTECT SYSTEM

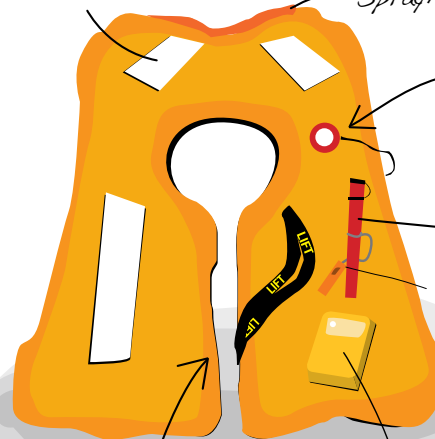
Inside the swim bladder is another airtight stretch laminate so that if the outer skin (2) is punctured the internal gas pressure will force the inner skin (1) to overlap the hole and seal the leak.



DUO
Protect®

RETRO-REFLECTIVE STRIPS

Sprayhood*



EMERGENCY LIGHT

Automatic SOLAS emergency light as additional equipment.

MOUTHPIECE

for oral inflation and eventual evacuation of the gas.

Whistle

PLB

optional; attached with a lanyard and held in a pocket.

LIFTING STROP

For holding alongside or lifting up to 320kg



* SPRAYHOOD

Protects from spray and prevents drowning in "flying water", keeps head warm.

GREATEST BUOYANCY

Lifejackets in the 275N class are for when you need the most amount of buoyancy, eg: when wearing heavy weather clothing or items that might hold air pockets.

These lifejackets are so constructed that they will give anyone, even if unconscious, the best chance of being rolled onto their back and their head being held high out of the water.

SCOUT 275 3D

P/N 14676



PLB optional



- Top-end 275N lifejacket for wearers of heavy weather clothing or survival suits.
- Buoyancy chamber with fastest and safest turning moment.
- High mounted standard SOLAS emergency light and integral PLB for better visibility and range.
- Comfortable to wear with double side adjustment and low weight on the neck thanks to pre-formed shoulder.

3D  

TETRA 275 3D

P/N 13295



- Robust 275N lifejacket for when the going gets rough.
- Quicker and more efficient turning moment when wearing heavy protective clothing.
- Particularly comfortable for the larger person.

3D  

H A V E A
S A F E D A Y



*with extra volume and bladder height
for more freeboard and
higher installation of PLB*



275 N R A N G E

- Body weight > 50kg (110 lbs)
- Chest < 135cm (53')
- Click buckle
- 400 cm² 3M® reflective strips
- Lifting becket
- Whistle





SURVIVAL 275 | SURVIVAL 275 DUO PROTECT

Also available as SURVIVAL 220

SURVIVAL 275 P/N 15235
SURVIVAL 275 DUO PROTECT P/N 15240

- Hitherto unknown wearer comfort thanks to preformed shoulders.
- New SECUMAR 'winglet' buoyancy bladder for higher freeboard and stability in the water.
- PLB and SOLAS light optional.
- DUO-PROTECT System (optional): twin skin buoyancy bladder for double protection against mechanical damage.



SPRAYHOOD
standard

BOLERO 275

P/N 14115

- Shortest fit 275N lifejacket
- Extremely compact dimensions for better mobility around the deck.
- Sprayhood and SOLAS light available as accessory pack.



KEY DETAILS

| | SCOUT 275 3D | TETRA 275 3D | SURVIVAL 275 SURVIVAL 275 DUO PROTECT |
|--|-------------------|-------------------|--|
| Actual buoyancy | 290 N | 290 N | 280 N |
| Auto firing mechanism | SECUMATIC 4001S | SECUMATIC 4001S | SECUMATIC 4001S |
| CO ₂ cylinder (P/N) | 60 g Dock (12507) | 60 g Dock (12507) | 60 g Dock (12507) |
| Manual override | • | • | • |
| Outer cover closed with | Zip | Velcro | Zip |
| Harness (D-Ring) | • | • | • |
| Firing mechanism access zip | • | • | • |
| Inspection window | • | • | • |
| Neck area | Removable | Removable | Softshell |
| Back section | Padded | Padded | Padded, adjustable |
| Spray Hood | GORE® ! | Polyamide | Polyamide |
| SOLAS emergency light | • | o | o |
| Crutch strap simple / 2K Click 30 | - / • | • / o | • / o |
| Integral pocket for AIS PLB | | | |
| ... EasyRESCUE A040-BW-COM | • | - | • |
| ... Ocean Signal PLB1, Kannad Safelink R10 | - | - | o |

• = Standard o = Optional - = Not available

*BOLERO 275
with 'Green for Go'
inspection window*



ARKONA 275

P/N 14425

- Tried and tested base model.
- Classic design.
- Flattest shape 275N class lifejacket.



| | BOLERO 275 | ARKONA 275 |
|--|-------------------|------------------------|
| Actual buoyancy | 280 N | 280 N |
| Auto firing mechanism | SECUMATIC 4001S | <u>SECUMATIC 3001S</u> |
| CO ₂ cylinder (P/N) | 56 g Dock (11434) | 56 g (929) |
| Manual override | • | ◦ |
| Outer cover closed with | Zip | Velcro |
| Harness (D-Ring) | • | • |
| Firing mechanism access zip | • | – |
| Inspection window | • | – |
| Neck area | Removable | – |
| Back section | Padded | Webbing |
| Spray Hood | ◦ | – |
| SOLAS emergency light | ◦ | ◦ |
| Crutch strap simple / 2K Click 30 | • / ◦ | • / ◦ |
| Integral pocket for AIS PLB | | |
| ... EasyRESCUE A040-BW-COM | – | – |
| ... Ocean Signal PLB1, Kannad Safelink R10 | ◦ | – |

• = Standard ◦ = Optional – = Not available



HAVE A
SAFE DAY



*Integral
Harness
(D-ring)*



150 N RANGE

- Body weight > 50kg (110 lbs)
- Chest < 135cm (53")
- Click buckle
- 300 cm² 3M® reflective strips
- Lifting becket
- Whistle

T BIG PERFORMANCE

The 150N category is the standard class for lifejackets, offering superb buoyancy and turning moment, but can be

adversely affected by heavy weather clothing of items that can trap pockets of air.

Perfect for temperate weather!

SURVIVAL 220

P/N 15236

- Max buoyancy for 150N class lifejacket.
- Hitherto unknown wearer comfort thanks to preformed shoulders.
- New SECUMAR 'winglet' buoyancy bladder for higher freeboard and stability in the water.
- PLB and SOLAS light optional.



also available as SURVIVAL 275!



*with
SPRAY-
HOOD*

ARKONA 220

P/N 14423

- Tried and tested base model.
- Classic design.
- Highest buoyancy in 150N class lifejacket.



CLASSIC

*also available
as ARKONA 275*





150 N

ULTRA AX

NEW!



P/N 15498

- Lightest 150N class lifejacket
- Perfect with lighter weight clothing
- Ideal for motor boaters
- 30mm Click buckle
- Tough ,Cordura' outer cover

CLASSIC

ULTRA AX HARNESS | ULTRA AX PLUS

NEW!



ULTRA AX HARNESS P/N 15496
ULTRA AX PLUS P/N 15499

- All-round 150N class lifejacket
- Perfect with lighter weight clothing
- Flat and light in weight
- Tough ,Cordura' outer cover
- ULTRA AX PLUS with sprayhood and light as standard

with integral harness

CLASSIC

KEY DETAILS

| | SURVIVAL 220 | ARKONA 220 |
|--|--------------------|-----------------|
| Actual buoyancy | 220 N | 220 N |
| Auto firing mechanism | SECUMATIC 4001S | SECUMATIC 3001S |
| CO ₂ cylinder (P/N) | 43 g Dock (15239) | 43 g (14344) |
| Manual override | • | ◦ |
| Outer cover closed with | Zip | Velcro |
| Harness (D-Ring) | • | • |
| Firing mechanism access zip | • | – |
| Inspection window | • | – |
| Neck area | Softshell ! | – |
| Back section | Padded, adjustable | Webbing |
| Spray Hood | Polyamide | – |
| SOLAS emergency light | ◦ | ◦ |
| Crutch strap simple / 2K Click 30 | • / ◦ | • / ◦ |
| Integral pocket for AIS PLB | • | – |
| ... EasyRESCUE A040-BW-COM | ◦ | – |
| ... Ocean Signal PLB1, Kannad SafeLink R10 | ◦ | – |

• = Standard ◦ = Optional – = Not available

UPDATED DESIGN

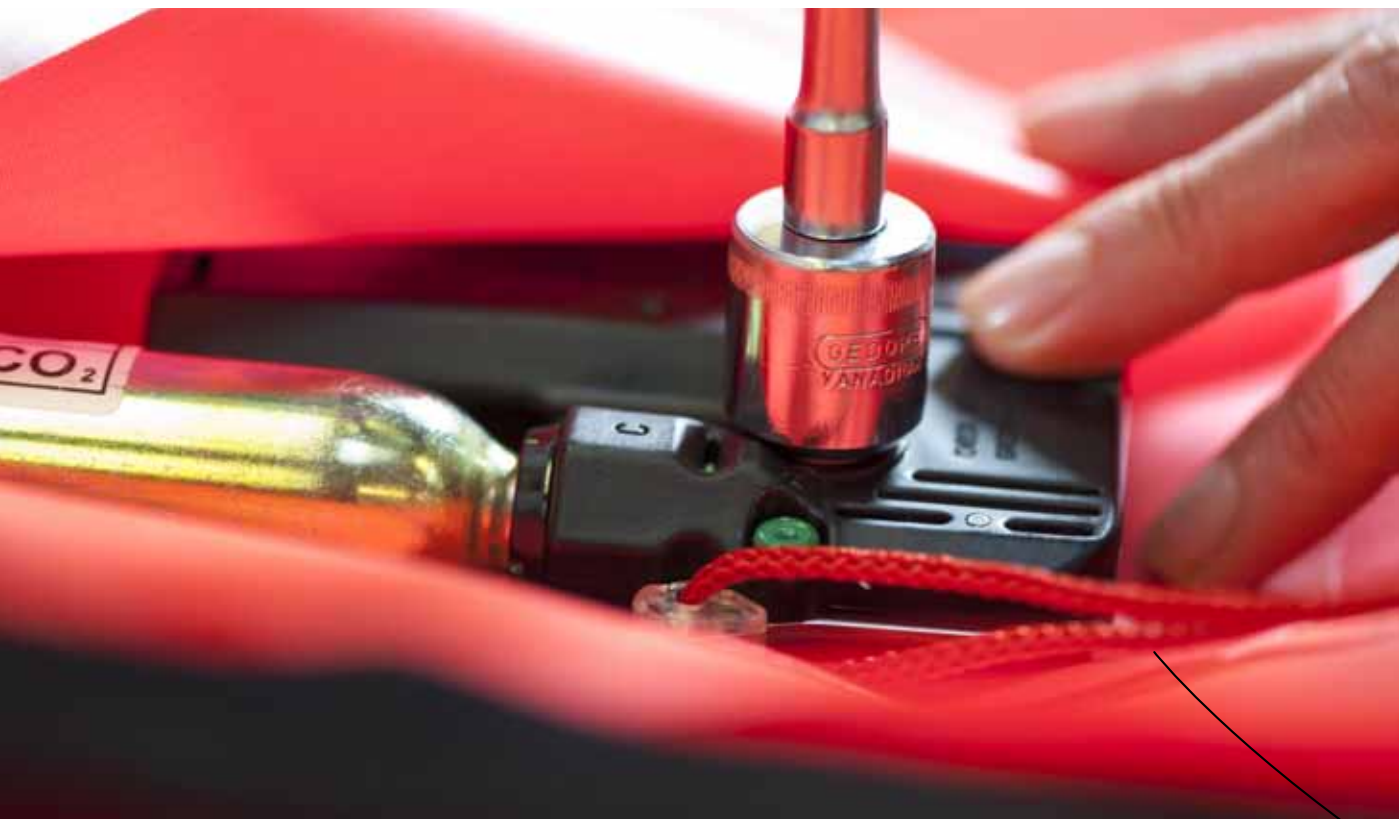
OUR NEW ULTRA RANGE



| | ULTRA AX | ULTRA AX HARNESS | ULTRA AX PLUS |
|--|-------------------|---------------------|-------------------|
| Actual buoyancy | 175 N | 175 N | 175 N |
| Auto firing mechanism | SECUMATIC 4001S | SECUMATIC 4001S | SECUMATIC 4001S |
| CO ₂ cylinder (P/N) | 32 g Dock (11433) | 32 g Dock (11433) | 32 g Dock (11433) |
| Manual override | • | • | • |
| Outer cover closed with | Velcro | Velcro | Velcro |
| Harness (D-Ring) | – | • | • |
| Firing mechanism access zip | – | – | – |
| Inspection window | • | • | • |
| Neck area | • | • | • |
| Back section | Webbing | Webbing | Webbing |
| ! Spray Hood | – | – | Polyamide |
| SOLAS emergency light | ◦ | ◦ | • |
| Crutch strap simple / 2K Click 30 | • / ◦ | • / ◦ | • / ◦ |
| Integral pocket for AIS PLB | | | |
| ... EasyRESCUE A040-BW-COM | – | – | – |
| ... Ocean Signal PLB1, Kannad SafeLink R10 | – | – | – |

• = Standard ◦ = Optional – = Not available

MAINTENANCE



The regular inspection of all equipment that is concerned with the safety of life is essential, none more so than for lifejackets where the natural ageing process of the materials degrades them causing impairments in their automatic inflation and use. That is why your lifejacket should be returned to an authorized service agent or the manuf-

acturer 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 Disk – similar to your car's MOT!

Small tip

Try out your lifejacket in a swimming pool to give yourself an idea of how it inflates, turns you onto your back and how it will support you in an emergency.

As well as any professional servicing, we would always recommend checking the state of readiness of your lifejacket at the beginning of every season, the details for which can be found in the Instruction Manual.



SERVICE PROCEDURE
UNDERTAKEN BY QUALIFIED PERSONNEL
USING THE LATEST TECHNOLOGY



SECUMAR SERVICE CHECK

EVERY (TWO) YEARS!

- Check for any mechanical damage (rips, abrasion, porosity etc).
- 16 hr inflation and residual pressure test with pressure gauge.
- Water activating the auto inflator and checking mechanism with specialist tools.
- Check manual firing mechanism with specialist tools.
- Check oral tube and valve for damage, porosity and air-tightness.
- Replace all gaskets.
- Replace firing pill.
- Rebuild using electronically controlled torque wrench.
- Check seams, webbing and all fastenings.
- Check CO₂ cylinder for contents and external damage (eg: corrosion).



Even small sailors need lots of safety equipment. SECUMAR offers many different solutions. The top of the range models are MINI and JUNIOR with the new Winglet buoyancy system (see p.4) and DUO-PROTECT double layer inflatable bladder (see p.5) – a real advantage for kids that get into a few scrapes! It works by having another elastic airtight bladder inside the main chamber. Should the outer layer

be damaged, there will be no loss of air and should both be punctured, the inner layer will stretch to cover the leak being held there by the internal gas pressure. For our junior beginners, we offer the ARKONA MIDI with all the attributes necessary for a top class inflatable lifejacket. As an alternative, especially for the youngest, there is the BRAVO range with its soft long lasting SECU-Foam fixed buoyancy.

KIDS SHOULD NEVER BE WITHOUT A LIFEJACKET!

JUNIOR

P/N 15471

NEW!

- Outstanding wearer comfort thanks to ergonomic preformed shoulders.
- New SECUMAR 'winglet' buoyancy bladder for higher freeboard and stability in the water.
- DUO-PROTECT twin skin buoyancy bladder for double protection against mechanical damage.



With integral safety harness

MINI

P/N 15440

NEW!

Smallest inflatable lifejacket – much more lift than a foam buoyancy aid!

- No discomfort with comfortable ergonomic fit.
- New 'Winglet' buoyancy bladder.
- DUO-PROTECT twin skin buoyancy bladder for double protection against mechanical damage.
- Integral safety harness.



Strong handle on the back

ARKONA MIDI

P/N 13542

- Tried and tested base model.
- Classic design.
- Fleece collar to stop neck abrasion.
- Integral safety harness.



CLASSIC



BRAVO

- Fixed foam lifejacket with layered soft SECUfoam filling.
- Double crutch strap.



10–15 kg: P/N 13273
15–20 kg: P/N 13274
20–30 kg: P/N 13275
30–40 kg: P/N 13276



BRAVO PRINT

- Top quality fixed foam lifejacket with especially soft SECUfoam filling.
- 5-10kg and 10-15kg versions include rear restraining handle and wide panelled crutch strap, 15-20kg with wide panelled crutch strap only.



5–10 kg: P/N 13269
10–15 kg: P/N 13270
15–20 kg: P/N 13271
20–30 kg: P/N 13531



KEY DETAILS

| | JUNIOR | MINI | ARKONA MIDI | BRAVO | BRAVO PRINT |
|------------------------------------|---------------------------|---------------------|---------------------|--|--|
| Buoyancy class /comply to | 150 N/ DIN EN ISO 12402-3 | | | 100N/ DIN EN ISO 12402-4 | |
| Body weight / Actual buoyancy | 20–50 kg/ 110 N | 15–30 kg/ 90 N | 20–50 kg/ 110 N | 10–15 kg/30 N 15–20 kg/40 N 20–30 kg/40 N 30–40 kg/50 N | 5–10 kg /30 N 10–15 kg/30 N 15–20 kg/40 N 20–30 kg/40 N |
| Max chest | 90 cm | 78 cm | 90 cm | – | – |
| Auto firing mechanism / fixed foam | SECUMATIC 3001S | | | SECU Foam | SECU Foam Soft ! |
| CO ₂ cylinder (P/N) | 22 g (925) | 16 g (901) | 22 g (925) | – | – |
| Whistle | • | • | • | • | • |
| 3M® Retro-reflective strips | 300 cm ² | 300 cm ² | 300 cm ² | 100 cm ² | 100 cm ² |
| Integral harness | • | • | • | – | – |
| Front closure | Click 30 ! | Click 30 ! | Metall | Plastic | Plastic |
| Inspection window | – | – | – | – | – |
| Neck area | Micro-Fleece | Micro-Fleece | Fleece | – | – |
| Back section | Padded | Webbing | Webbing | Webbing | Webbing |
| Lifting strop | • | • | • | – | – |
| SOLAS emergency light | o | o | o | – | – |
| Crutch strap | • | • | • | double | • |

• = Standard o = Optional – = Not available

PADDLERS FOREVER!

CANOE PLUS

P/N 13248



Click front buckle

- Tough inflatable lifejacket for paddlers, rowers and anglers
- Short, flat construction.
- Interchangeable: auto or manual operation.

CLASSIC



15 SR

P/N 10815



Red outer cover for better visibility!

- Smallest possible 150N class lifejacket.
- Specially for paddlers – spraydeck fits perfectly below the lifejacket.
- Interchangeable: auto or manual operation.

CLASSIC



VIVO 100

Lightest inflatable lifejacket!

P/N 14224



Manual operation!

- Specifically for rowers - narrow and flat across the chest.
- Reflective strips on the back for better visibility in low-light conditions.

CLASSIC



VIVO 50

P/N 14342

P/N 14253



- Buoyancy aid with laminated soft SECUfoam
- Practical 'one size fits all' with easily adjustable waist straps makes it ideal for clubs, sailing schools or hirers.

Navy / orange with a front mesh pocket.



*Lifejackets that allow
lots of movement!*



KEY DETAILS

| | CANOE PLUS | 15 SR | VIVO 100 | VIVO 50 |
|---|--------------------------------|----------------------|--------------------------------------|--------------------------------|
| Buoyancy class/ comply to | 150N/ DIN EN ISO 12402-3 | 150 N/ DIN EN 396 | 100 N/ DIN EN ISO 12402-4 & -6 | 50 N/ DIN EN ISO 12402-5 |
| Actual buoyancy | 170 N | 170 N | 110 N | 50 N ! |
| Body weight | 40 – 120 kg | 40 – 120 kg | > 50 kg | > 40 kg |
| Max chest < 135 cm | • | • | < 120 cm | • |
| Auto firing mechanism / <u>fixed foam</u> | SECUMATIC 4001S | SECUMATIC 3001S | SECUMAR 301SM | SECU Foam |
| CO ₂ cylinder (P/N) | 32 g Dock (11433) | 32 g (927) | 22 g Dock (924) | – |
| Manuel override | • | • | – | – |
| Whistle | • | • | • | – |
| 3M® Retro-reflective strips | 300 cm ² | 300 cm ² | 100 cm ² | – |
| Outer cover closed with | Velcro | Velcro | Velcro | – |
| Integral harness | – | – | – | – |
| Front closure | Click 30 | Click 30 | Plastic | Plastic |
| Inspection window | • | – | – | – |
| Neck area | Removable | Removable | Fixed | – |
| Back section | Mesh | Webbing | Webbing | Webbing |
| Lifting strop | • | • | – | – |
| SOLAS emergency light | o | o | o | – |
| Crutch strap simple / 2K Click 30 | • / o | • / o | – / – | • / – |

• = Standard o = Optional – = Not available

FOAM BUOYANCY AIDS

For those who REGULARLY get wet



ECHO

NEW!

*Particularly
suitable for clubs,
sailing schools
and hirers.*



- Comfortable, easy to wear 50N class buoyancy aid.
- Easily adjustable waist strap for quick putting on and taking off.

30–40 kg: P/N 11666
40–70 kg: P/N 11667
70–90 kg: P/N 11668
90–120 kg: P/N 11669

JUMP PRO

- Top-spec 50N dinghy and keelboat buoyancy aid
- Greater safety with retro strips an fluorescent colour
- Easy adjustment and double velcro strap

Practical zipped
STORAGE POCKET



30–40 kg: P/N 15196
40–70 kg: P/N 15197
70–90 kg: P/N 15198
90–120 kg: P/N 15199



JUMP

- Practical 50N buoyancy aid for serious dinghy sailors.
- Skin tight fit with a side closure.
- Good protection from the foam padding.



30–40 kg: P/N 13263
40–70 kg: P/N 13264
70–90 kg: P/N 13265
90–120 kg: P/N 13266



BRAVO

- Bright orange 100N lifejacket.
- Ergonomically cut for greater wearer comfort.
- High performance, soft, multi-layer SECUMAR foam.

Available in (4) adult sizes



40–50 kg: P/N 11674
50–70 kg: P/N 11675
70–80 kg: P/N 11676
80–120 kg: P/N 11677











KEY DETAILS

| | ECHO | JUMP PRO | JUMP | BRAVO |
|-------------------------------|---|---|------|---|
| Buoyancy class / comply to | 50 N / 12402-5 | 50 N / 12402-5 | | 100 N / 12402-4 |
| Body weight / actual buoyancy | 30–40 kg/35N 40–70 kg/45N 70–90 kg/50N 90–120 kg/50N | 30–40 kg/35N 40–70 kg/45N 70–90 kg/50N 90–120 kg/50N | | 40–50 kg/60N 50–70 kg/80N 70–80 kg/100N 80–120 kg/100N |
| Fixed SECUMAR foam | • | • | • | • |
| Closure | | | | |
| ... Zip | • | • | • | • |
| ... Velcro | – | • | • | – |
| ... Cord | • | – | • | – |
| ... Plastic buckles | • | – | – | • |
| Whistle | – | – | – | • |
| 3M® Retro-reflective strips | – | • | • | 100 cm² |
| Adjustable waist belt | • | • | • | • |
| Crutch strap | – | – | – | double |
| Front zipped pocket | – | • ! | • ! | – |
| Plastic storage bag | • | • | • | • |

• = Standard ◦ = Optional – = Not available

ACCESSORIES

| ANTHINVERSION CUSHION | CRUTCH STRAP | LIFELINE | BOLERO HARNESS |
|---|--|--|--|
|  <p>For hoisting to the masthead. Black.</p> <p>KSK 20 (P/N 720) – Vol. 20 l, 600 g, size before inflation 38 x 11 cm, 38 g CO₂ cartridge.</p> <p>KSK 40 (P/N 724) – Vol. 40 l, 820 g, size before inflation 50 x 11 cm, 75 g CO₂ cartridge.</p> <p>The inflated cushion keeps the masthead afloat preventing inversion. Also avoids total swamping if fitted under the gunwhales of keelboats.</p> |  <p>Crutch Strap 2K Click 30 (P/N 14693): Single strap, can be retro-fitted to all lifejackets from 2003 with crutch strap loops. Has two stainless steel links, separated by belt fastener.</p> <p>Using a retro-fitted crutch strap has further advantages: you can adjust the way the lifejacket sits on your body better, particularly after the lifejacket has inflated in the water. The result: the distribution of buoyancy is optimized, hence your head is lifted higher out of the water.</p> | <p>NEW!</p>  <p>① SECUMAR 25LL (P/N 425): Safety line with 1 WICHARD snap hook and loop at other end, DIN EN ISO 12401, red, for small children under 50 kg.</p> <p>② SECUMAR 2040LL (P/N 421): 3-point safety line for SECUMAR lifejackets with harness and WICHARD snap hooks, with SECUMAR branding, DIN EN ISO 12401, yellow, for persons over 50 kg.</p> <p>③ SECUMAR X-treme (P/N 12207): Safety line with self-locking high tech snap hooks, robust webbing, with SECUMAR branding, DIN EN 12401 ISO, for persons over 50 kg.</p> |  <p>Harness, DIN EN 1095, in two sizes, strong harness with mesh back, red/blue.</p> <p>Adult (P/N 810), size 1, from 45 kg. Junior (P/N 803), size 2, 25 to 45 kg.</p> <p>The harness is designed like the short Bolero jacket and can also be worn under lifejackets</p> |
| SPRAYHOOD GORE®-SEA | BOLERO PACK | DOG LIFEJACKET | EMERGENCY LIGHT |
| <p>Retro-fit sprayhood made from revolutionary breathable GORE®-Sea material for BOLERO 275 and BOLERO 275 DUO PROTECT (P/N 12241).</p> <p>Once pulled over the head of the inflated lifejacket, it offers warmth, protects the face from flying spray and reduces the chance of inhaling water and thereby drowning.</p> <p>By using breathable GORE®-Sea material, the sprayhood does not need extra 'air holes' which would also allow the ingress of water when used in the heaviest of conditions.</p> | <p>Pack (P/N 15043) contains:</p> <p>SECULUX CFX-II Automatic SOLAS emergency light, 75 cm cable between light and battery, min battery life 8 hours, 4 years shelf life.</p> <p>Plus</p> <p>Polyamide sprayhood</p> | <p>Buoyancy aid with body straps and handle.</p> <p>Comes in three sizes: Small, 33 x 24 cm (P/N 833) e.g. for a Dachshund Medium, 46 x 34 cm (P/N 834), e.g. for a Terrier Large, 59 x 41 cm (P/N 835), e.g. for an Alsatian</p> <p>The dog is part of the family, too, so he gets his own buoyancy aid – just like all the other family members.</p> | <p>SECULUX L 92 (P/N 10020) Very bright SOLAS constant light, 2 hrs duration, automatic activation upon righting, stable waterproof buoyant casing, drop tested to 35 m, with holder.</p> <p>Optional extra: Mono-Cells, stainless steel holder L92.</p> |
|  |  |  |  |

AND EXTRAS



SCAN THE QR-CODE
TO FIND THE RIGHT
REPLACEMENT CYLINDER

LIFEJACKET LIGHT



SECULUX CFX-II (P/N 12947)
Automatic SOLAS flashlight, 75 cm cable between battery and light, at least 8 hrs of light, shelf-life at least 4 years. Suitable for all inflatable lifejackets and foam lifejackets.

The SECULUX CFX-II automatic flash light functions in both sea and fresh water and also in cold temperatures.

With manual switch off.

MANUAL OVERRIDE



Manual Override for SECUMATIC 4001S (P/N 11899) for switching off the automatic inflation function on your lifejacket.

Manual Override for SECUMATIC 3001S (P/N 12077) with warning flag which is visible on the protective cover of the lifejacket when it is fitted.

The manual override prevents automatic inflation upon water contact. It is used in place of the PILL CAGE or pill if manual only operation is desired.

PILLS



Pills for Inflator SECUMATIC 3001S
Blister pack with 4 pills.

PILL CAGE SECUMATIC 4001S
Blister pack set of 4 pills in enclosed PILL CAGE version, Spares set for simple replacement of the activating pill in the 4001S.

Each SECUMAR pill is individually weighed and tested for tolerances. So, for example, the weight tolerance is only 0.03 g (three hundreds of a gram). Any deviation in the consistency of the material would otherwise mean several seconds delay in activation of the lifejacket or in some circumstances non-activation of the lifejacket.

CO₂-CARTRIDGES



CO₂-re-arming kits with 2 pills and pins for SECUMATIC 3001S: Mini: 16 g, Junior: 22 g, Midi: 22 g , 150 N: 32 g, 43g, 275 N: 56 g.

KSK 20: 38 g, **KSK 40:** 75 g,

CO₂-dock for SECUMATIC 4001S bayonet system with two activating pills in pill cage version.
CO₂-Dock 32: Cartridge 32 g, CO₂-Dock 43: Cartridge 43 g, CO₂-Dock 56: Cartridge 56 g, CO₂-Dock 60: Cartridge 60 g.

All SECUMAR CO₂ cartridges are 100% weight-tested. The extremely pure carbon dioxide gas (99.95% pure) prevents icing up as well as preventing any delay in its expansion during the inflation process.

RECOVERY AID

SECULIFT LWS 25 (P/N 985)
Rescue and recovery aid, comprising rescue sling (3 adjustable settings), rescue sheet and 25 m buoyant line in a throw bag.

With the SECULIFT you can make the first contact with a man overboard. The line becomes a 5 m long stable rescue sheet, at the end of which is an adjustable rescue sling (3 settings). With the help of a halyard or used directly on a winch, the SECULIFT is a real recovery aid for a small crew.



THROW LINE

Throw line RWL 25 (P/N 987)
25 m of rescue line in a bag (buoyant and with throw weight).

The throw line enables fast first contact between the boat and a man overboard.



SECU 17 | MOB-PACK

SECU 17 (P/N410)
The classic closed cell foam rescue lifejacket as replacement for the old circular or horseshoe lifebuoy and nigh-on indestructible! Absolutely essential as a reserve lifejacket and also with enough weight to be thrown with a rescue line. 3M® reflective strips, tie straps through the flotation body, built-in throwing weight, emergency whistle, DIN EN 395, Signal orange, PE closed cell foam, 145N, from 45kg. The SECU 17 should be standard equipment on the back rail of any boat!

MOB-Pack (P/N1142)
MOB Bag (54 cm x42 cm x15 cm) with top cover and fixing straps complete with SECU 17 and floating heaving line (30 m). The Man Overboard (MOB) pack with SECU 17 rescue lifejacket and 30 m of heaving line, all together in a tough bag, is a practical and better solution than other rescue slings. It can further be fitted with a rescue light and used in conjunction with SECULIFT LWS25 to lift the casualty back aboard.

Recommended extras: Emergency light SECULUX L92, Lifting strop SECULIFT LWS25, drogue.



MADE IN GERMANY

→ CONCEPT, DEVELOPMENT, PRODUCTION!

Ongoing research, sophisticated quality management and „Made in Germany“ should leave you in no doubt about your SECUMAR lifejacket. Safety at sea - SECURitas in MARe - is not only the inspiration for our name but also our credo at work, to make watersports safer all over the world. Everything from the first concept, design and

manufacturing through to servicing of the products takes place in our state-of-the art facility in Holm just outside Hamburg in Germany. Around 100 highly skilled staff use their knowledge and experience to maintain the highest quality standards, thereby keeping SECUMAR products as world leaders in sea safety equipment.



OUR GOAL: YOUR SAFETY ON THE WATER

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.com



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SECUMAR lifejackets and equipment are only sold through specialist marine outlets that can help you with all the technical questions you may have.