

TM **SANTI**
| ON DUTY

PRODUCT CATALOG

It's not the easiest way to produce a quality diving gear, but it's the best way we know to ensure that our diving products meet the highest standards.

No shortcuts. Pure craft.

**It's the SANTI way.
For you.**



DIVING DRYSUITS

E.Lite+

E.Lite+ drysuit presents an optimal and advanced combination of durability and modern textile technology dedicated to extreme sports. The E.Lite+ model is based on the exceptional quality of the E.Lite model, however, it has been supplemented with a new, flexible and soft in touch fabric, which even further increases the comfort of diving. Critical points, particularly vulnerable to damage and abrasion, have been adequately protected with a durable E.Lite fabric, which was created exclusively for Santi.

Both functionalities combined in a modern and elegant, maximally ergonomic cut ensure the highest comfort and convenience during the dive. E.Lite+ protects exactly where it is necessary and at the same time guarantees exceptional mobility.

The suit is equipped as standard with a new hood with an innovative cut, sewn from a very flexible neoprene. The outer shell is covered with jersey while the inner coating is of the “smooth skin” type. The new hood perfectly adapts to the shape of the head, it is easy to put on and take off, even after soaking. Very comfortable, does not compress. The warmest in the current line of SANTI hoods.

Features:

- total weight with all equipment items (for size L) - 3,9 kg,
- material Ripstop Nylon/Butylene/Ripstop Nylon 365-425g/sqm and Ripstop Nylon/Butylene/Polyester 515g/sqm,
- upper suit, upper front and back bottom legs made of elastic, light fabric weighing 365-425g/sqm,
- back, elbows, lumbar area, the lower front of the legs are made of E.Lite fabric, 515g/m².

In standard equipped with:

- colors: black / blue / gray,
- telescopic torso,
- front aquaseal zip covered by an additional zip-fastened flap,
- reinforcements on the sleeves, legs and back,
- Apeks high-pressure outlet valve,
- Apeks inlet valve,
- SANTI SmartSeals® ring system for easy seals exchange,
- two spacy thigh, cargo pockets with elastic, rubber loops,
- patches on both pockets with a zippered “double ender” section,
- Kevlar® knee pads,
- Latex neck seal insulated with 3 mm Neoprene collar,
- Flexsole boots,
- internal suspenders with a pocket,
- STAY DRY waterproof travel bag for drysuit - gray.

Possible options:

- available without external logos,
- non-magnetic valves,
- Si-tech valves,
- neoprene socks,
- 6mm neoprene boots,
- high visibility reflex tapes (arms, legs, shoulders),
- SOLAS tapes,
- reflective prints.



E.Lite

E.Lite drysuit is recommended for all kinds of diving, especially technical, cave and wreck due to its fabric exceptional durability and protection of the most sensitive areas exposed to damage.

Unique quality of this model is provided by exclusive to Santi Ripstop Nylon, followed by ergonomic Y-cut shape and the highest attention to production details.

In standard option it comes with all necessary accessories to facilitate professional diving. Additional options are also available.

Features:

- total weight: 4,2 kg,
- fabric: Ripstop Nylon/Butylene/Polyester 535 g/m2.

In standard equipped with:

- front aquaseal zip covered by an additional zip-fastened flap,
- neck seal made of Latex insulated by 3 mm Neoprene collar,
- 7/9 mm Neoprene collar hood,
- Apeks inlet valve,
- high-profile Apeks outlet valve,
- Latex wrist seals,
- two spacious utilities pockets with elastic bungee loops,
- flap with a small pocket for double ender clip,
- Kevlar® knee pads,
- Flexsole boots,
- inside suspenders with handy pocket,
- medium pressure hose 75cm long,
- STAY DRY travel bag.

Possible options:

- available without external logos,
- non-magnetic valves,
- black thread,
- neoprene socks,
- 6mm neoprene boots,
- SANTI SmartSeals®,
- Si-tech valves,
- high visibility reflex tapes (arms, legs, shoulders),
- SOLAS tapes,
- reflective prints.



Enduro

Enduro drysuit is designed as classic, extremely durable and robust model for technical divers. It is made of Cordura / Butylene / Polyester classic trilaminate with total weight of 620 g/m2. It has a telescopic torso and special Y-cut to improve flexibility and allow for effortless body movements. Recommended for heavy, technical diving and underwater technical works.

Features:

- total weight 5,2 kg,
- materials: Cordura/Butylene/Polyester 620g/m2.

In standard equipped with:

- metal zipper at the front,
- placement from the left shoulder to the right hip, covered by an additional flap,
- telescopic torso,
- flat seams protected with hot-melted tape,
- neck seal made of Latex insulated by 2 mm Neoprene,
- 7/9 mm Neoprene collar hood,
- Apeks inlet valve,
- high-profile Apeks outlet valve,
- Latex wrist seals,
- 2 classic cargo pockets with D-rings on thighs,
- inside suspenders with handy pocket,
- 6 mm Neoprene boots,
- medium pressure hose 75cm long,
- classic drysuit travel bag.

Possible options:

- available without external logos,
- metal zipper on the back,
- non-magnetic valves,
- Si-tech valves,
- SANTI SmartSeals®,
- neoprene socks,
- Flexsole boots,
- high visibility reflex tapes (arms, legs, shoulders),
- SOLAS tapes,
- reflective prints.



SAFETY COUNTS



E.Space

E.Space drysuit is made of moderately light and extremely durable yet flexible fabric trilaminate of Nylon/Butylene/Polyester.

It is cut in a way that makes it easy to adjust to any figure and does not limit movements in any direction. Classic, ergonomic Y-cut with minimal areas of stitching allows for great freedom of movements underwater. Spacy construction leaves great comfort even with thickest undersuit or heating apparel. E.Space drysuit is recommended for intense, cave and wreck technical diving. It is suitable for underwater works and public safety apparel.

Features:

- total weight: 4 kg,
- fabric: Nylon/Butylene/Polyester 440g/m2.

In standard equipped with:

- front aquaseal zip covered by an additional zip-fastened flap,
- telescopic torso,
- 7/9 mm Neoprene collar hood,
- neck seal made of Latex insulated by 2 mm Neoprene,
- Apeks valve,
- high-profile Apeks outlet valve,
- Latex wrist seals,
- 2 pockets on thighs with D-rings (right pocket with a partition for wet notes and two smaller metal D-rings),
- internal suspenders with handy pocket,
- 6mm Neoprene boots,
- medium pressure hose 75cm long,
- classic drysuit travel bag.

Possible options:

- available without external logos,
- non-magnetic valves,
- Si-tech valves,
- SANTI SmartSeals®,
- neoprene socks,
- Flexsole boots,
- metal zipper on the back,
- suit in red colour,
- high visibility reflex tapes (arms, legs, shoulders),
- SOLAS tapes,
- reflective prints.



E.Lite SF

E.Lite for Special Operations drysuit is recommended for all kinds of Special Forces diving due to its fabric exceptional durability and protection of the most sensitive areas exposed to damage. Unique quality of this model is provided by exclusive to Santi Ripstop Nylon, followed by ergonomic Y-cut shape and the highest attention to production details. The nylon is a lightweight, flexible fabric, which provides durability and protection, while it is particularly suitable for chest-mounted rebreathers diving. This drysuit is equipped with all the features you need, including a SANTI Smart Seals System (flexible dry glove system), a relief-covered zipper, telescopic torso, and Molle platforms.

Features:

- total weight: 4,2 kg,
- fabric: Ripstop Nylon/Butylene/Polyester 535 g/m2.

In standard equipped with:

- back metal zip covered by an additional flap,
- front relief zipper covered by flap,
- without external logos,
- neck seal made of Latex insulated by 3 mm Neoprene collar,
- 7/9 mm Neoprene collar hood,
- Apeks inlet valve,
- low-profile Apeks outlet valve,
- Santi Smart Seals,
- pockets mounted on Molle panel,
- special big pocket,
- pockets for inflation bottles,
- flap with a small pocket for double ender clip,
- Kevlar® knee pads,
- Neoprene socks,
- inside suspenders with handy pocket,
- medium pressure hose 75cm long,
- water-tight bag.

Possible options:

- non-magnetic valves,
- Si-tech valves,
- SANTI SmartSeals®,
- neoprene socks,
- Flexsole boots,
- high visibility reflex tapes (arms, legs, shoulders),
- SOLAS tapes,
- reflective prints.



Bunder

Bunder drysuit is made of light and extremely durable fabric Polyester/Butylen/Polyester, density of 480gr/sqm. It is cut in a way that makes it easy to adjust to any figure and does not limit movements in any direction.

Telescoping torso stretches up to 30 cm and gives you great mobility, regardless of the thickness of an Undersuit.

Features:

- total weight: 3,8 kg,
- fabric: Polyester/Butylene/Polyester 480 g/m2.

In standard equipped with:

- metal zipper on the back covered with a flap,
- without external logos,
- telescoping torso,
- two pockets on thighs, the right made for small inflation bottle,
- attached hood For Fullface Mask,
- HD latex wrist seals,
- 6 mm Neoprene boots,
- inside suspenders with handy pocket,
- medium pressure hose 75cm long,
- water-tight bag.

Possible options:

- non-magnetic valves,
- Si-tech valves,
- SANTI SmartSeals®,
- neoprene boots,
- Flexsole boots,
- high visibility reflex tapes (arms, legs, shoulders),
- SOLAS tapes,
- reflective prints.



Bunder EOD

Bunder EOD drysuit is made of durable and flexible fabric trilaminate of Polyester/Butylene/Polyester. It is cut in a way that makes it easy to adjust to any figure and does not limit movements in any direction. Classic, ergonomic Y-cut with minimal areas of stitching allows for great freedom of movements underwater. Spacy construction leaves great comfort even with thickest undersuit or heating apparel. Bunder EOD drysuit is recommended for intense technical diving as well as for miners and research teams due to non-magnetic properties. It is suitable for underwater works and public safety apparel.

Features:

- total weight: 3,8 kg,
- fabric: Polyester/Butylene/Polyester 480 g/m2.

In standard equipped with:

- front aquaseal zip covered by an additional zip-fastened flap,
- non-magnetic,
- without external logos,
- neck seal made of Latex insulated by 2 mm Neoprene collar,
- HD Latex wrist seals,
- 7/9 mm Neoprene collar hood,
- Apeks inlet valve,
- low-profile Apeks outlet valve,
- 2 pockets on thighs with D-rings,
- Kevlar® knee pads,
- Neoprene socks,
- inside suspenders with handy pocket,
- medium pressure hose 75cm long,
- water-tight bag.

Possible options:

- neoprene boots,
- Si-tech valves,
- Flexsole boots,
- SANTI SmartSeals®,
- back zipper,
- high visibility reflex tapes (arms, legs, shoulders),
- SOLAS tapes,
- reflective prints.





IMMERSION DRYSUITS

Rescue Immersion Suit

Rescue Immersion Suit made of 4-layers breathable fabric, with a total weight of 215g/m2. Recommended to all kinds of Rescue teams and Public Safety Units. This drysuit is equipped with all the features you need, including a SANTI Smart Seals System (flexible dry glove system), a relief-covered zipper, telescopic torso and reflective tape inscription.

Features:

- fabric: 4-layers breathable fabric 215g/m2.

In standard equipped with:

- plastic zip covered by an additional flap,
- front relief zipper,
- without external logos,
- neck seal made of Latex,
- built-in hood,
- Santi Smart Seals,
- pockets on legs and arm,
- Neoprene socks,
- inside suspenders with handy pocket,
- reflective tapes and inscription,
- splash-proof bag.



Immersion Suit

Immersion Suit made of 4-layers breathable fabric, with a total weight of 202 or 278g/m². Recommended to all kinds of above-water companies and Public Safety Units. This drysuit is equipped with all the features you need, including a SANTI Smart Seals System (flexible dry glove system), a relief-covered zipper, telescopic torso, and Molle platforms.

Available colours: black, navy blue, olive green, sand, red, orange and every other (including camo in case of big order - on demand).

Features:

- fabric: 4-layers breathable fabric 202 or 278g/m².

In standard equipped with:

- plastic zip covered by an additional flap,
- front relief zipper,
- without external logos,
- neck seal made of Latex,
- built-in hood,
- small Apeks wrist dump valve,
- Santi Smart Seals,
- Molle panels,
- Neoprene socks,
- inside suspenders with handy pocket,
- splash-proof bag.



Heavy Immersion Suit

Heavy Immersion Suit made of 4-layers breathable fabric, with a total weight of 278g/m2. Recommended to above-water companies, Public Safety and Military Units. This drysuit is equipped with all necessary details you need, including pockets on arms, adjustable cuffs and legs and kevlar pads.

Features:

- fabric: 4-layers breathable fabric 278g/m2.

In standard equipped with:

- plastic zip covered by an additional flap,
- front relief zipper covered by an additional flap,
- without external logos,
- neck seal made of Neoprene,
- Latex wrist seals,
- Neoprene socks,
- Kevlar® pads on knees and elbows,
- inside suspenders with handy pocket,
- splash-proof bag.





UNDERSUITS

BZ400X

Classic yet top of the list diving undersuit with the highest thermal protection available on the market. Undersuit BZ400X comes with modern and fit cut to increase your diving comfort and good looks. Dedicated for cold waters with less than 7°C temperature, it is ideal and unreplaceable for long deep diving, with decompression. Low water absorbing, high breathability features. Keeps a diver warm even if wet. Thinsulate™ BZ400 insulation is recommended by 3M as optimal for diving undersuits due to its thermal features and pre-compressed insulation. Lining made of soft microfleece 140 g/m2. The outside layer made of Polyamide additionally reinforced with Polyester fabric in the areas exposed to mechanical damage.

Parameters:

- Thinsulate™ BZ400 Insulation,
- weight 420 g/m², warmth: 1,80 CLO,
- weight: 2,1 kg.

Features:

- breathable insulation,
- two side pockets,
- one inside pocket on the left chest,
- reflective tapes,
- rubber thumb loops, that supply air to dry gloves,
- elegant and comfort collar,
- two-way zip,
- reinforcing patches on knees, shoulders and back,
- in waist-elastic gusset made of windproof fabric,
- shoulder and knee gussets allowing free movement,
- inside suspenders,
- wide elastic ankle bands,
- specially designed p-valve and heating openings.



Flex360

Dual comfort from SANTI – perfect combination of warmth and flexibility in innovative new Santi undersuit dedicated for cold water conditions.

The perfect combination of innovative insulation fabrics and unique design, accompanied by PrimaLoft® highest-performing insulation.

Those looking for the pinnacle of comfort and performance or those spending time in the worst cold and wet weather or environment conditions will find full protection in PrimaLoft® Gold Insulation used as a component for Flex360 undersuit.

PrimaLoft® Gold Insulation is highest performing synthetic insulation available – maintaining 98% of warmth even when wet.

The ultimate in warmth-to-weight available in a synthetic is coupled with incredible packability and softness that mimics goose down.

With famed PrimaLoft® water-repellency and easy care package provides perfect wet-weather protection. It is currently flagship synthetic product for those who expect the best solutions.

Together with our suppliers Santi has developed a superior solution by research and development to double the fabric from 180 g/m² up to 360 g/m² with retaining its stretch and flexibility, which are key factors for comfort in diving. Our Flex360 Insulation fabric consists of three layers, breathable insulation fibers and Polyester soft coating from the top, that is also wind-resistant.

Parameters:

- PrimaLoft® Gold Insulation,
- Flex180 and 360 insulation (weight: 180g/m² & 360 g/m²),
- embossed Polar fleece (double pique, 300g/m², lamination),
- 3D mesh spacer pads in chest area.



Features:

- great, soft feeling next to the skin,
- lightweight and durable,
- innovative, modern design,
- warmth without bulk,
- water-resistant,
- breathable,
- easy packing,
- superior softness,
- flexibility and mobility.

SANTI offers the most innovative two piece diving undersuit consisting of body sleeveless overall and a zipped jacket. The set is dedicated for cold water diving below 7 degrees. It is also ideal for long deep diving, with decompression.



Flex190

Flex190 is a great underwear for those who think that the most important feature is a great ability to move under the drysuit, without any limits and also the highest quality, interesting design. Perfect in dives in waters from 7 to 14°C.

With the revolutionary, patented insulation Climashield Contur® SANTI offers the most innovative spring/summer diving undersuit ever. It is made from breathable fabrics to provide great flexibility. Modern technology allows four-way stretch of the undersuit.

The 180g/m² Climashield Contur® consists of three layers – breathable insulation Climashield Contur®, covered with soft polyester coating from the inside and outside. The top layer is also wind-resistant.

Parameters:

- Climashield Contur® - fabric composition with exceptional four-way, patented fibers makes the insulation very durable and long-lasting,
- weight 180 g/m², warmth: 0,96 CLO,
- AquaBan™ technology allows moisture transfer from the body – the undersuit stays dry,
- weight: 1,5 kg.

Features:

- easy to wash and dry – washing provides even better thermal efficiency to the insulation,
- five practical pockets (three in the front and two in the back),
- two-way zip for P-valve,
- heating cords hole in right pocket,
- soft, cotton cuffs with tumb holes to prevent sleeves pull up,
- wide elastic ankle bands prevent moving up the legs when setting up the drysuit,
- reinforcing patches on knees and elbows made of Polyester,
- great soft feeling next to the skin,
- lightweight and durable,
- 100% recyclable – this one of the kind insulation includes no Acrylic, which makes it recyclable,
- practical implementation of the zip (from right arm to left leg),
- innovative, modern design,
- it can also be used for other sports.



Summer Undersuit

Summer Undersuit is made of 100% polyester fleece 360 g/m², finished with polyester patches to reinforce parts exposed to damage and water. The undersuit is designed for diving in warm waters, for summer or as a component to thicker undersuit during transitional periods.

Features:

- high collar protecting the neck,
- two cargo side pockets,
- chest pocket with vertical zip,
- two-way zip closure,
- reinforced patches on the knees, elbows and back,
- elasticated wrist cuffs,
- wide elastic ankle bands prevent moving up the legs when setting up the drysuit,
- black color,
- easy to wash and dry,
- light weight and durable,
- great soft feeling next to the skin,
- possibility of adding unit logotype.



Fleece Polar Set

The set includes jacket, overalls and socks, all made from high-quality polar 360g/m2 finished with Rip Stop polyester patches, which reinforce the parts exposed to damage. Set can be used as an alternative of two pieces undersuit for diving in warmer waters, also as an outwear.

Individual parts can be used together and separately, which allows you to achieve individual comfort in adapting to different weather conditions.

Features:

- breathable insulation,
- two side pockets on the overalls,
- two cargo pockets on the jacket,
- black color,
- lightweight and durable,
- easy to wash and dry,
- light weight and durable,
- great soft feeling next to the skin.





HEATING SYSTEM

BZ400 Extreme Heated

Heated SANTI undersuit Extreme BZ400 is designed as a part of the complex heating system consisting of the undersuit, thermovalve/connector and an external battery canister. This configuration allows a diver to wear the gloves under the dry gloves without additional valve and dangers associated with internal batteries.

The outside layer made of durable Polyester, Thinsulate™ 3M BZ400 inner insulation and soft Polar lining. The undersuit is designed to be worn on thermal underwear. In this configuration most of the generated heat is transferred directly to the diver's body.

Breathable Thinsulate™ Insulation gives you the best thermal protection and takes sweat away from your body. It keeps you warm and comfortable while heating even when the batteries are low or completely drained.

Features:

- safety switch preventing from overheating and too strong current,
- maximum heating temperature 45°C,
- maximum heating power: 110W,
- run time: 24Ah battery / about 2h 30min – 3h of heating,
- made of BZ400 (420g/m2) Thinsulate™ Insulation,
- modern generation of heating wire covered with ultra-soft, silicone isolation resistant to breaking,
- innovative, synthetic power cable resistant to high temperatures and cuts,
- ergonomic nesting and wire layout inside,
- integrated heated gloves connection cable,
- special undersuit bag included,
- CE compliance.

ATTENTION!

Works only with SANTI thermovalve and SANTI connector.



Heated Vest

Outstanding SANTI heated vest made for those who look for the best comfort during long or cold dives. The vest designed to provide maximum functionality and safety. Keeps you warm and comfortable while heating even when the batteries are low or completely drained.

Available sizes:

- XS, S, M, L, XL, XXL, XXXL.

Features:

- safety switch preventing from overheating and too strong current,
- maximum heating temperature 45°C,
- maximum heating power: 55W,
- run time: SANTI battery 6Ah / 1,2 - 1,5h of heating, SANTI battery 24Ah / 5 - 6h of heating,
- made of BZ200 (210g/m2) Thinsulate™ Insulation,
- new generation of heating wire covered with ultra-soft, silicone isolation resistant to breaking,
- innovative, synthetic power cable resistant to high temperatures and cuts,
- new, more ergonomic nesting and wire layout inside,
- special vest bag included,
- CE compliance.



Heated Gloves 2.0

SANTI Heated Gloves are designed as a part of the complex heating system consisting of the gloves, thermovalve/connector and an external battery canister. This configuration allows a diver to wear the gloves under the dry gloves without additional valve and dangers associated with internal batteries.

Available sizes:

- XS (7), S (8), M (8,5), L (9), XL (9,5), XXL (10).

Features:

- maximum heating temperature 45°C,
- maximum heating power: 36W (pair),
- run time: SANTI battery 6Ah / about 2h of heating, SANTI battery 24Ah / about 9h 30min of heating,
- made of breathable fabric,
- keeps you warm even when the heating is off,
- evenly distributed heating wiring that allows for freedom of movements in palms,
- easy connection to SANTI heated vest and undersuit,
- designed to operate with voltage not higher than 12V,
- new very durable socket for power supply,
- CE compliance.



Heated Socks

SANTI Heated Socks are designed as a part of the complex heating system.

Available sizes:

- XS, S, M, L, XL, XXL, XXXL.

Features:

- maximum heating temperature 40°C,
- maximum heating power: 30W (pair),
- made of Thinsulate™ BZ200 Insulation,
- keeps you warm even when the heating is off,
- evenly distributed heating wiring that allows for freedom of movements,
- easy connection to SANTI heated undersuit,
- designed to operate with voltage not higher than 12V.

ATTENTION!

Works only with SANTI undersuit in FULLSET version.

FUNCTION COUNTS



Battery 6Ah

SANTI Battery 6Ah – designed for the SANTI Heated Vest and SANTI Heated Gloves. Manufactured with hi-tech rechargeable Li-Ion cells which offer high discharge current. As result, it may be used to supply power to equipment items which require 100W in total. Closed in ergonomic, functional container. On the top section of the canister there is an E/O cord connector with led illumination and piezo switch.

Features:

- ergonomic container,
- E/O cord connector with unique led illumination,
- trouble-free piezoelectric switch,
- belt loop (no need for clamps),
- charging through E/O cord connector,
- possibility of using for both the SANTI heating system and lights.

Technical parameters:

- capacity: 6Ah,
- operating voltage: 12V,
- height: 115mm,
- diameter: 74mm,
- E/O cord length: 60cm,
- material: Polyacetal / POM / Delrin®,
- charging time: 4-5h,
- operation depth: 100m,
- weight: 0,68kg.



Battery 24Ah

This Halcyon | SANTI battery pack is manufactured with hi-tech rechargeable Li-Ion cells which offer high discharge current.

Dedicated to work with SANTI heated undersuit, vest and gloves. It can also be used as a source of power for Halcyon flashlights. The total power of powered devices cannot exceed 200W. Connected devices must be capable of supplying 10.8-12V.

The battery is switched on by touching the switch and is indicated by built-in blue LED on the E/O cord connector. After each time it is switch-on power status is presented.

Features:

- 3 flashes of LED stand for 60%-100%,
- 2 flashes of LED stand for 30-60%,
- 1 flash of LED stands for < 30%,
- no light emitted by LED – fully discharged.
- after power level check battery resumes standard mode, what is indicated by constant LED light,
- the battery is equipped with a number of protections against excessive discharging, overcharging, overloading and short circuit. On the container there is an E/O cord with LED signalization, a piezo switch and a safety valve as well as an additional cutout for attaching the battery to the belt.

Operating time (heating) when heated equipment in use:

- heated undersuit (110W): about 2h30min ~ 3h,
- heated vest (55W): about 5h ~ 6h,
- heated gloves (36W): about 9h ~ 10h,
- undersuit + gloves (146W): about 2h ~ 2h15min,
- undersuit + gloves + socks (186W): about 1h30min ~ 1h45min,
- vest + gloves (91W): about 3h15min ~ 3h45min,
- Halcyon Focus/Flare light: 24 h.

Technical parameters:

- capacity: 24Ah,
- operating voltage: 11,1V,
- cells type: Li-Ion,
- height: 270mm,
- diameter: 74mm,
- E/O cord length: 35cm,
- housing material: Polyacetal / POM / Delrin®,
- charging time: ~14h,
- max depth: 100m,
- weight: 1,8kg.

Thermovalve

The thermovalve is the transition between the external battery canister and the elements of the heating system under the drysuit. Replaces the standard inflation valve. Two functions in one device: drysuit inflation valve with integrated connector.

Features:

- 90° moveable valve head for more convenient hose attachment which allows for optimal E/O cord and pressure hose settlement under the drysuit,
- includes two electrical connectors on opposite sides of the cable:
 - connector to connect with the battery adapted to work in water (E/O cord),
 - waterproof plug compatible with SANTI Heating System products,
- works with power supply no higher than 12V,
- total length of the cables including plugs – about 55cm,
- includes valve-nut, works also with „APEKS” nuts,
- available with „APEKS” or “SI-TECH” screw size,
- CE compliance.



Drysuit connector

Drysuit inflation valve connector with the function of integrating the connection to the battery with a voltage not higher than 12V. The connector takes an external standard E/O cord through a standard suit inflation valve and provides power connection from battery canister to a heated product under the drysuit.

Carries E/O cord to connect with the battery and waterproof plug compatible with SANTI Heating System products,

Features:

- includes two electrical connectors on opposite sides of the cable:
 - connector for connection with a battery adapted to work in water (standard E/O cord),
 - waterproof plug for connecting the heating element (SANTI only),
- works with power supply no higher than 12V,
- total length of the cables including plugs – about 55cm,
- height without thread – 19mm,
- adapted to „APEKS” and „SI-TECH” screw size,
- CE compliance.

Y Connector

It is ideal for one battery owners.

SANTI “Y” connector consists of three waterproof two pole connectors in a single device that allows for power split from one source to two separate devices.

The “Y” connector can be used for all type of underwater electrical devices, like heating or lightning systems with E/O cords connectors. The Y connector is compatible with all types of E/O cords endings.

Buying our product you gain the highest quality of SANTI connectors.

Features:

- Max current: 15A,
- Depth rating: 200m.

If you need to power few devices and you have only one battery, our “Y” connector is a best solution for you.



Double drysuit connector

Drysuit inflation valve connector with the function of integrating the connection to the battery with a voltage not higher than 12V. The connector takes an external standard E/O cord through a standard suit inflation valve and provides power connection from battery canister to a heated product under the drysuit. It gives the possibility to use and configure more heating elements.

Features:

- 2 E/O cord plugs to connect with the battery,
- 2 waterproof plugs compatible with SANTI heating system products,
- works with power supply no higher than 12V,
- total length of cables including plugs – 48cm and 56cm,
- height:
 - without thread – 19mm,
 - total height with thread – 30mm,
- “APEKS” screw size,
- CE compliance.

Santi Heated Full Body Bag

Santi heated body bag is designed to fulfill military and rescue demands of the market. The usage of heating wires allows for bulk reduction while carrying and unprecedented performance in body temperature regulation when needed. The heating system inserted in the bag construction can be powered by external Li-Ion accumulators or any other external power source that does not exceed 12V and power capacity of 10 A. The bag itself is made of light and breathable Primaloft Silver Series innovative insulation fabric with exquisite thermal protection functionality covered by water and cut resistant Polyester shell fabric. The lower part of the bag is additionally protected with Cordura layer that prevents from moist, cuts and dirt. The inner heating wires, protected by silicone outer cover are evenly distributed to allow heating of full body length. All used materials and construction provide high safety, thermal isolation and protection against chill even when the heating system is not active. The body bag is additionally equipped in an inner fleece hood in the head compartment. The bag is closed with two long, 2-way, water repellent zippers with 4 pullers that allow for best comfort when closing the bag. At each side of protective outside Cordura cover there are molle panel loops for mounting different pockets systems needed in different circumstances and conditions including mounting external power batteries or other equipment.

The body bag is available in M, L and XL size depending on body measurements.

Technical informations:

- new generation of heating wire covered with ultra-soft, silicone isolation resistant to breaking, innovative, synthetic power cable resistant to high temperatures and cuts,
- heating power 120W,
- maximal approved voltage 12V DC,
- heating time with one 24Ah accumulator : app. 2h 30min, with 2 accumulators (48Ah): app. 5h,
- Primaloft Silver Series insulation with great thermal and breathability, water resistant outer shell,
- inner fleece hood,
- 2 way zippers with 4 pullers from each side,
- evenly distributed heating system wires that cover full body length,
- external power source allowing for limitless heating time if needed. Heating plugs from both sides of the bag,
- safety device allowing for providing power from two accumulators at the same time.

Set includes:

- outer waterproof and windproof shell bag protecting from moist, and dirt made of trilaminate, zipped with 2 YKK professional, water repellent zippers,
- inner main body bag with head compartment including specially designed heating system inside,
- special outer water proof bag.

Power supply:

- two Santi 24Ah batteries in special side pocket compartments.





ACCESSORIES

Military Tactical Jacket

Comfortable and lightweight military jacket is made from high-quality Cordure type fabric and features a high collar with integrated retractable hood and two-way front zipper covered with flap.

Military jacket equipped with multiple pockets to meet all the storage needs, reinforced elbow pockets and underarm pit zippers for increased ventilation. Designed to provide perfect protection against wind and water, whatever the weather.

Features:

- high collar and hood for weather protection,
- concealed two-way zip closure secured with resistant flap,
- chest pocket and 3 front pockets with secured flaps, and 2 with zipper closure,
- oversized back pocket accessible from both sides,
- utility pocket on the right bicep,
- admin pocket with pen slot and drainage on the left bicep,
- two internal zipped pockets,
- molle panel on the chest,
- elbow pockets,
- reinforced shoulder patches,
- Hook-and-Loop adjustable cuffs,
- two-way underarm zippers for added ventilation,
- safety hanger on the back,
- large windproof strap at the hip level protecting against wind,
- durable Cordure type fabric.



Fleece Polar Jacket

Comfortable fleece Polar jacket is made from high-quality 100% Polyester Fleece 360g/m2, finished with Rip Stop fabric patches, which reinforce the parts exposed to damage (elbows).

Features:

- breathable insulation,
- two side pockets,
- reinforcements on the elbows,
- black color,
- lightweight and durable.



Fleece Polar Trousers

Fleece Polar trousers are made from high-quality polar 360g/m2 finished with Rip Stop Polyester patches, which reinforce the parts exposed to damage.

Features:

- breathable insulation,
- two side pockets,
- reinforcements on the elbows,
- black color,
- lightweight and durable.

Fleece Polar Body Warmer

Vest is made from high-quality 100% Polyester Fleece 360g/m2 finished with Rip Stop fabric patches, which reinforce the parts exposed to damage.

Features:

- breathable insulation,
- two side pockets,
- reinforcements on the elbows,
- black color,
- lightweight and durable.



Beanie

The original Thinsulate Thermal Insulation beanie in black color.

Parameters:

- fabric: 100% acrylic,
- insulation: Thinsulate 3M.

Features:

- microfibre technology makes the difference,
- small fibres trap more air to keep you warm and comfortable,
- effective even when wet,
- dries quickly,
- Oekotex Standard 100 (I-IV) proven quality.

SANTI SmartSeals

SmartSeals system allows quick and very easy seals exchange, without the need of special tools or spare parts, except a new wrist seal of your choice at any moment. This system replaces the standard wrist seals attachment in drysuit cuffs.

SmartSeals system is made of resistant and flexible materials. It is flexible and soft at the same time to avoid standard stiffness provided by other rings systems. It makes it very comfortable and hardly noticeable while diving.

SmartSeals system works with any type of wrist seals available on the market- latex or silicone. There is no need for specially designed or dedicated seals – it is up to you which seals you prefer.

SmartSeals system is secured with an additional rubber cover from the top of the sleeve which protects the seal against damage. It also gives an additional clean and elegant look to the sleeves of a drysuit.

SmartSeals system gives the possibility of installing rubber dry gloves instead of wrist seals. It should be considered that the gloves will be permanently attached to the drysuit in such case.

Full SmartSeals system includes:

- a rubber, soft cuff ring with additional seal cover apron glued into the cuff of a dry suit,
- a chosen wrist seal,
- a soft, inner seal – blocking ring.



SANTI SmartGloves

Santi Smart Dry Gloves – dry gloves rings system for SmartSeals.

Santi SmartGloves is a self-assembled dry gloves system, compatible with Santi SmartSeals rings system. Its main advantage is the flexibility that allows the diver to put on and take off the gloves effortless. It allows to operate the equipment easier and reach hard accesible places during the dives. Thanks to their flexibility, they can be used by divers with various hand sizes. The system characterizes with an extremely large sealing surface as well as high resistance to mechanical damage and atmospheric conditions.

Santi SmartGloves rings for assembly dry gloves are designed for Santi SmartSeals users.

The Santi SmartGloves set includes:

- mounting ring,
- ring cover,
- o-ring for dry gloves assembly (thinner),
- locking ring,
- sealing o-ring (thicker).

Dry gloves are not included in the set.

Hood 5/6mm

- composed of two smooth and elastic neoprene qualities,
- ultimate stretch and comfort,
- perfect fit to the head oval,
- 5mm neoprene in neck and face area,
- 6mm neoprene in head area,
- vented to allow air to escape,
- finished with 0,5mm nylon jersey from both sides for easier wear,
- sizes: S, M, L, XL, XXL,
- available in standard or collar neck ending.



Primaloft socks

- Primaloft Silver series insulation,
- ergonomic shape, less bulk,
- extramely flexible,
- lightweight, durable and breathable,
- easy care while washing and drying,
- sizes: XXS-XXL.



Hood 7/9mm

- composed of two smooth and elastic neoprene qualities,
- 9mm neoprene in head area,
- 7mm neoprene in face area,
- ultimate stretch and comfort,
- finished with 0,5mm nylon jersey from both sides for easier wear,
- vented to allow air to escape,
- sizes: S, M, L, XL, XXL,
- available in standard or collar neck ending.



Polar fleece socks

- polar socks are best for use with drysuits and neoprene boots,
- sizes: XS-XXXL.



Grey dry gloves with wrist seals

- 5-finger, durable and flexible dry gloves,
- rugged surface for better grasping,
- integrated wrist seals,
- sizes: S, M, L, XL, XXL.



Light Bag

- splash-proof,
- closing clasp,
- adapts to the contents of the bag.

Grey gloves

- 5-finger, durable and flexible dry gloves,
- rugged surface for better grasping,
- sizes: S, M, L, XL, XXL.



2 in 1 Bag

- backpack and bag in one,
- pair of regulated braces,
- splash-proof,
- closing clasp,
- adapts to the contents of the bag.

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