

Specialist Rescue Equipment
by Professionals for Professionals



IONIC

RESCUE





Company Profile	3
Fabric Specifications	4 - 7
Drysuit Sizing Charts	8 - 9
Drysuits / Floodsuits	10 - 23
Thermal Layers	24 - 27
Neoprene Gloves & Caps	28 - 29
Water Rescue Helmets	30 - 33
Rocka Water Rescue Boot	34 - 35
Personal Flotation Devices	36 - 41
PFD Accessories	42 - 43
Throwlines	44 - 45
Water Rescue Aids	46 - 47
Reach & Wading Poles	48 - 49
Lif jackets	50 - 51
Kit Bags	52 - 53
Rescue Apparel	54 - 57
Hose Inflation Kits	58 - 59
Hypalon Inflatables	60 - 85
Inflatable Accessories	86 - 87
Boat Engines & Accessories	88 - 89
Boat Trailers	90 - 91

Company Profile

“Saving lives for a living”

Established in 2000, IONIC Rescue has earned a reputation as one of the leading suppliers and manufacturers of water rescue Personal Protective Equipment (PPE) and specialised equipment. Known for our commitment to producing “Serious Products for Serious Users,” we are dedicated to providing safety solutions that professionals can rely on in the most demanding environments.

To enhance brand identity, we recently launched the new IONIC product brand, symbolising Innovation by Design. With its distinctive logo, IONIC features prominently on our products, giving them a fresh and desirable appeal while maintaining the high standards our users expect. In 2024 we launched our new website www.ionicrescue.com aimed at supporting our dealers and customers across the globe.

Through continuous innovation and product development, IONIC Rescue has achieved several industry milestones, including:

- First to introduce a Rescue PFD with Integrated Crotch Straps, certified to ISO: 12402
- First to launch the highly successful “Flood Suit,” adopted by numerous rescue organisations.
- First to develop a dedicated quick-release water operations safety boot.
- First to design and supply telescopic wading poles and specialised inflatable lif jackets for Emergency Services.

We serve professionals working in high-risk environments where the reliability and durability of equipment is paramount. Our clients include industrial marine workers, Coast Guard personnel, police officers, firefighters, and water rescue teams. We are proud to be “Trusted by the Best.”

At IONIC Rescue, we tailor solutions to meet the specific needs of our clients. Our company ethos revolves around providing rescue personnel with top-tier equipment that consistently delivers optimal performance, enabling them to excel in their life-saving endeavours

More than just products, we deliver trusted, reliable, and innovative solutions that set industry standards. Many of our offerings are conceived, researched, designed, tested and manufactured in-house, allowing us to maintain control over the entire product cycle, from inception to quality assurance.

IONIC Rescue boasts an impeccable industry track record, earning us the trust of professionals worldwide.

For Professionals, by Professionals
Your Trusted Water Rescue Equipment Partner

On-Water Visibility Survey

A recent survey has been undertaken in the USA to distinguish and scientifically validate the most prominent colour for use in manufacturing products designed to be worn by Search and Rescue Personnel when viewed on the water. This study provided a unique insight to the science of non-reflective conspicuity and the effects of colour in marine and other water environments.

The Findings:

- Research findings show fluorescent Yellow-Green followed by fluorescent Orange were the most conspicuous colours for a floating target when compared to non-fluorescent Red and non-fluorescent Yellow. This result was obtained from simulated laboratory viewings and actual on-water experiments using human subjects.
- When viewing the colours against a simulated maritime horizon using their central vision, the test subjects judged fluorescent Yellow-Green and fluorescent Orange to be the most conspicuous colours compared to Red and Yellow. Yellow was deemed to be the least conspicuous.
- On-water testing of the four specific fabric colours showed that for both approaching and leaving a target in low or high intensity light, fluorescent Yellow-Green was again the most conspicuous colour overall, followed by fluorescent Orange. Red was found to be the least conspicuous colour with on-water testing.
- Minimum on-water detection distances ranged from 350 metres (Red) to 1400 metres fluorescent Yellow-Green.

Study conducted by Mustang Survival



Picture from Scottish Fire & Rescue Twitter page showing the IONIC Cyclone Pro R1 in the Fluorescent Yellow colour option.





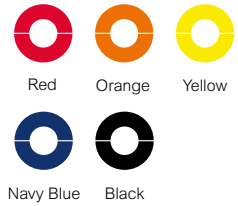
BTR480 is our proprietary butyl trilaminate fabric, developed in-house and proven over many years in the manufacture of our drysuit range.

Engineered for professional-grade protection, it features a robust 3-layer construction specifically designed to withstand the harsh and hazardous conditions encountered in flood response scenarios.

The fabric combines durability with comfort, offering a hard-wearing yet soft feel, while its fine weave helps prevent dirt and contaminants from becoming ingrained in the suit.

With an overall weight of 480gsm, BTR480 delivers exceptional protection without compromising flexibility or wearer comfort.

Colour Options:



Our latest drysuit innovation, Maxflex 300, is designed to deliver uncompromising performance. Engineered to be lightweight, it offers a noticeably softer feel, enhancing flexibility and ensuring superior comfort during use.

Despite its lightweight construction, Maxflex 300 maintains the trusted durability and reliability of butyl trilaminate fabrics, providing long-lasting protection in even the most demanding environments.

The result is a high-performance material that moves effortlessly with you - combining comfort, strength, and resilience in one advanced fabric solution.

Colour Options:



Hydratec 320 is a high performance breathable trilaminate fabric which is both lightweight and flexible. It is designed for those requiring added comfort and greater flexibility whilst being worn for long periods. To increase the durability of the breathable fabric option all our Cyclone drysuits are supplied with Cordura® reinforcement panels fitted to key wear areas on the drysuit.

Colour Options:



Cordura® fabric is used on all the reinforcement protection panels fitted to all Cyclone drysuits. This provides unparalleled protection against abrasion, puncture and tear. The Cordura® fabric has a fine weave finish making it easier to clean or decontaminate after use and also reducing the risk of dirt/contaminants getting ingrained into the fabric.

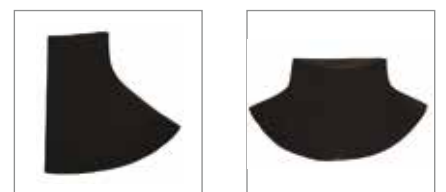
Colour Options:



At IONIC Rescue we only use heavy duty UV protected Latex seals in the construction process of Cyclone Drysuits. These seals provide the best protection against water ingress and can be trimmed to suit the user for improved comfort. 3 dimensional latex socks are also used which delivers comfort and durability to a potentially vulnerable area of a drysuit.



Our Superstretch Neoprene cuff and neck seals are fitted as an option to our range of Cyclone drysuits. We have invested significant development time in improving our neoprene seals providing an excellent durable option. On the inside of the seals we use Glideskin which makes the seals easier to don and doff.



The Aquaseal® zipper from YKK is perfect for IONIC drysuit models. With its soft smooth feel and more flexibility than the metal dive zip equivalents, it offers optimum protection with a film-coated tape and an innovative zipper element mechanism. It is also the ideal zipper for adding a convenience zip to your drysuit. Keep the water out with YKK!

IONIC Pro R1 Drysuit - The Science Behind the Innovation

The IONIC Pro R1 is the market-leading drysuit for professional users. This operational response drysuit is designed and manufactured for where durability, comfort and performance is required. This model of drysuit has been chosen by many of our Emergency Services who operate in the harshest environments - often coming into contact with chemicals and objects submerged in the water and require the best protection from these hazards.

The secret behind the success of the Pro R1 Drysuit is the revolutionary butyl fabric which is a synthetic, rubber-based material where its key feature is its high impermeability to air, water and gases making it highly effective in preventing liquid penetration. The Pro R1 drysuit fabric is also coated with a revolutionary microbial treatment called BI-OME®.

Why Microbial Prevention in Drysuits is Important

The air-proof and watertight construction of a surface drysuit, combined with sweat condensation on the inner lining, is the perfect environment for bacteria to thrive and multiply. These bacteria then break down sweat into acids, ammonia and sulphides, creating unpleasant smells and an uncomfortable environment.

The BI-OME® treatment is incorporated into the drysuit lining and works by binding to the polyester weave of the suit. The active ingredient binds to the substrate, attracting the micro-organisms and then mechanically puncturing the cell wall, thereby denaturing the bacteria.

It is a permanent, metal free, non-migrating treatment which is not consumed by micro-organisms and does not cause adaptive micro-organisms. The treatment improves freshness and promotes hygiene by preventing microbial growth.

BI-OME® Reduces the Need to Launder Drysuits

Given that drysuits are not easy to launder and are often shared by operational personnel, these corrosive compounds tend to build up over time, which can have a deteriorative effect on the drysuit lining as well as compromising the drysuit waterproof seam and taping systems.

The BI-OME® treatment is a well-proven, non-migrating technology that massively reduces the need to clean the inside of the drysuit with strong detergents, which can damage the inner lining and compromise the waterproof integrity of the drysuit seam taping systems.

What our customers can expect from BI-OME®

- Proven technology
- Prevents odour formations on drysuit liner
- Active against a broad spectrum of micro-organisms
- Outstanding safety and registration profile: BPR, EPA, REACH, OEKO-Tex
- Eliminates different types of micro-organisms
- High wash durability
- No migration to the skin or environment
- Metal & Silver-free
- No skin irritation
- Non-toxic to waste water bacteria
- Recyclable & Biodegradable

The BI-OME® microbial prevention falls directly in line with our environmental policy. The new BI-OME® microbial prevention is a metal-free, permanent, non-migrating, biodegradable treatment technology.





Key Characteristics of Butyl Fabric in Pro R1 Drysuits

- **Waterproofing:** Butyl rubber is known for its superior waterproofing properties. It resists water penetration under pressure, which is crucial for the manufacture of drysuits
- **Flexibility and Comfort:** Despite being highly waterproof, butyl fabric remains soft, which allows for ease of movement and comfort when worn for extended periods
- **Abrasion Resistance:** Unlike breathable drysuit fabrics, Butyl rubber is also resistant to a range of chemicals, oils, and solvents, making it an ideal product for use in a flooding environment due to the contaminants found in flood water.
- **Tear Resistance:** The fabric is engineered to be resistant to tearing or puncturing, an important feature for protection against sharp objects or rugged surfaces
- **Low Temperature Flexibility:** Butyl rubber maintains its flexibility even in cold temperatures, which is an essential property for drysuits used in cold water environments or ice rescue
- **UV Resistance:** Butyl rubber offers resistance to degradation from UV exposure

Key Advantages of Butyl Fabric in Pro R1 Drysuits

- **Superior Waterproofing:** The high impermeability of butyl rubber ensures that no water enters the suit, keeping the wearer dry even under extreme conditions (such as underwater or in freezing temperatures)
- **Durability:** Butyl fabric is long-lasting and can withstand repeated use in harsh environments, making it a cost-effective choice for professional divers, rescue teams, and industrial workers
- **Chemical and Environmental Protection:** For those working in areas with exposure to chemical oils (for example, Urban Flooding) the chemical resistance of butyl adds an extra layer of safety

Cyclone Pro Drysuit Sizing Chart - Unisex

This Cyclone Pro Drysuit Sizing Chart is in reference to all Cyclone Pro R1 and Pro R2 drysuits. This is our unisex pattern and comes in 19 different sizes with short, regular and tall options.

Sizes	UOM	X-Small	Small	Medium	Medium Large	Large Short	Large Regular	Large Tall	X- Large Short	X-Large Regular	X-Large Tall
Height	ft./in.	5'2" - 5'6"	5'5" - 5'8"	5'7" - 5'10"	5'10" - 6'1"	5'7" - 5'11"	5'11" - 6'3"	6'2" - 6'6"	5'7" - 5'11"	5'11" - 6'3"	6'2" - 6'6"
	cm.	158 - 168	165 - 173	170 - 178	178 - 185	170 - 180	180 - 190	188 - 198	170 - 180	180 - 190	188 - 198
Weight	lbs.	119 - 139	134 - 154	150 - 176	170 - 196	180 - 205	180 - 205	180 - 205	200 - 231	200 - 231	200 - 231
	kg.	54 - 63	61 - 70	68 - 80	77 - 89	82 - 93	82 - 93	82 - 93	91 - 105	91 - 105	91 - 105
Chest	in.	30 - 34	32 - 36	34 - 38	36 - 40	40 - 44	40 - 44	40 - 44	44 - 48	44 - 48	44 - 48
	cm.	76 - 89	81 - 92	86 - 96	92 - 102	102 - 112	102 - 112	102 - 112	112 - 122	112 - 122	112 - 122
Waist	in.	26 - 30	28 - 32	30 - 34	32 - 36	34 - 38	34 - 38	34 - 38	38 - 42	38 - 42	38 - 42
	cm.	66 - 76	72 - 81	76 - 89	81 - 92	89 - 96	86 - 96	86 - 96	96 - 106	96 - 106	96 - 106
Hips	in.	30 - 34	32 - 36	34 - 38	36 - 40	40 - 44	40 - 44	40 - 44	44 - 48	44 - 48	44 - 48
	cm.	76 - 89	81 - 92	86 - 96	92 - 104	102 - 112	102 - 112	102 - 112	112 - 122	112 - 122	112 - 122
Inseam	in.	24 - 27	26 - 29	28 - 31	29 - 32	28 - 31	31 - 34	33 - 36	28 - 31	31 - 34	33 - 36
	cm.	61 - 70	66 - 74	72 - 79	74 - 81	72 - 79	79 - 86	84 - 92	72 - 79	79 - 86	84 - 92

Sizes	UOM	2X-Large Short	2X-Large Regular	2X-Large Tall	3X-Large Short	3X-Large Regular	3X-Large Tall	4X-Large Short	4X-Large Regular	4X-Large Tall
Height	ft./in.	5'7" - 5'11"	5'11" - 6'3"	6'2" - 6'6"	5'7" - 5'11"	5'11" - 6'3"	6'2" - 6'6"	5'7" - 5'11"	5'11" - 6'3"	6'2" - 6'6"
	cm.	170 - 180	180 - 190	188 - 198	170 - 180	180 - 190	188 - 198	170 - 180	180 - 190	188 - 198
Weight	lbs.	220 - 251	220 - 251	220 - 251	245 - 278	245 - 278	245 - 278	264 - 298	264 - 298	264 - 298
	kg.	100 - 114	100 - 114	100 - 114	111 - 126	111 - 126	111 - 126	120 - 135	120 - 135	120 - 135
Chest	in.	48 - 52	48 - 52	48 - 52	52 - 56	52 - 56	52 - 56	56 - 60	56 - 60	56 - 60
	cm.	122 - 132	122 - 132	122 - 132	132 - 142	132 - 142	132 - 142	142 - 152	142 - 152	142 - 152
Waist	in.	42 - 46	42 - 46	42 - 46	46 - 50	46 - 50	46 - 50	50 - 54	50 - 54	50 - 54
	cm.	106 - 116	106 - 116	106 - 116	116 - 127	116 - 127	116 - 127	127 - 137	127 - 137	127 - 137
Hips	in.	48 - 52	48 - 52	48 - 52	52 - 56	52 - 56	52 - 56	56 - 60	56 - 60	56 - 60
	cm.	122 - 132	122 - 132	122 - 132	132 - 142	132 - 142	132 - 142	142 - 152	142 - 152	142 - 152
Inseam	in.	28 - 31	31 - 34	33 - 36	28 - 31	31 - 34	33 - 36	28 - 31	31 - 34	33 - 36
	cm.	72 - 79	79 - 86	84 - 92	72 - 79	79 - 86	84 - 92	72 - 79	79 - 86	84 - 92



For further sizing information on all IONIC products

Please visit our website www.ionicrescue.com and under the Support Section you will find our Product Sizing Document.

PLEASE NOTE: Not all sizes or colour combinations are held in stock and may be made to order.

Cyclone Pro Drysuit Sizing Chart - Female

This Cyclone Pro Drysuit Sizing Chart is in reference to all Cyclone Pro R1 and Pro R2 drysuits. This is our female pattern and comes in sizes from XX-Small to 3XL.

Sizes		UK 6	UK 8	UK 10	UK 12	UK 14	UK 16	UK 18	UK 20	UK 22
	UOM	XX-Small	X-Small	Small	Medium	Medium Large	Large	X-Large	2X-Large	3X-Large
Height	ft./in.	5'0" - 5'2"	5'2" - 5'4"	5'4" - 5'6"	5'5" - 5'7"	5'6" - 5'8"	5'7" - 5'9"	5'8" - 5'10"	5'9" - 5'11"	5'9" - 6'0"
	cm.	153 - 158	157 - 162	161 - 166	165 - 170	169 - 174	170 - 175	173 - 179	175 - 180	175 - 183
Weight	lbs.	106 - 116	115 - 125	123 - 135	130 - 141	139 - 150	146 - 157	154 - 165	161 - 174	170 - 183
	kg.	48 - 53	52 - 57	56 - 61	59 - 64	63 - 68	66 - 71	70 - 75	73 - 79	77 - 83
Chest	in.	28 - 31	30 - 33	32 - 35	34 - 37	36 - 39	38 - 41	40 - 43	42 - 46	44 - 49
	cm.	71 - 79	76 - 84	81 - 89	86 - 94	91 - 99	96 - 104	101 - 109	107 - 114	112 - 124
Waist	in.	20 - 24	22 - 26	24 - 28	26 - 30	28 - 34	30 - 36	32 - 38	34 - 40	36 - 42
	cm.	51 - 61	56 - 66	61 - 71	66 - 76	71 - 86	76 - 92	81 - 96	86 - 102	91 - 107
Hips	in.	30 - 33	32 - 35	34 - 37	36 - 39	38 - 41	40 - 43	42 - 45	44 - 47	46 - 50
	cm.	76 - 84	81 - 89	86 - 94	92 - 99	96 - 104	102 - 109	106 - 114	112 - 120	117 - 127
Inseam	in.	24 - 26	25 - 27	26 - 28	27 - 29	28 - 30	29 - 31	30 - 32	30 - 32	31 - 33
	cm.	61 - 66	65 - 70	67 - 72	69 - 74	71 - 76	73 - 79	76 - 81	76 - 81	79 - 84

SAR & Responder Sizing Chart - Unisex

This Cyclone Pro Drysuit Sizing Chart is in reference to the SAR and Responder drysuits. This is our unisex pattern and comes in sizes from X-Small to 4XL.

Sizes	UOM	X-Small	Small	Medium	Large	X-Large	2X-Large	3X-Large	4X-Large
Height	ft./in.	5'0" - 5'4"	5'3" - 5'7"	5'6" - 5'10"	5'9" - 6'2"	5'10" - 6'3"	5'11" - 6'4"	6'0" - 6'6"	6'1" - 6'7"
	cm.	152 - 162	160 - 170	168 - 178	174 - 188	178 - 190	180 - 193	183 - 198	185 - 201
Weight	lbs.	120 - 140	135 - 156	150 - 175	180 - 205	200 - 230	220 - 255	250 - 285	270 - 305
	kg.	54 - 64	61 - 71	68 - 79	82 - 93	91 - 104	100 - 116	113 - 129	123 - 138
Chest	in.	31" - 35"	34" - 38"	37" - 41"	40" - 44"	43" - 46"	46" - 50"	49" - 53"	52" - 56"
	cm.	79 - 89	86 - 97	94 - 104	102 - 112	109 - 117	117 - 127	124 - 135	132 - 142
Waist	in.	25" - 29"	28" - 32"	31" - 35"	34" - 38"	37" - 41"	40" - 45"	44" - 49"	47" - 54"
	cm.	64 - 74	71 - 81	79 - 89	86 - 97	94 - 105	102 - 114	112 - 124	119 - 137
Hips	in.	31" - 35"	34" - 38"	37" - 41"	40" - 44"	43" - 47"	46" - 51"	50" - 54"	53" - 57"
	cm.	79 - 89	86 - 97	94 - 104	102 - 112	109 - 120	117 - 130	127 - 137	135 - 145
Inseam	in.	24" - 27"	26" - 29"	28" - 31"	30" - 33"	31" - 34"	32" - 35"	33" - 36"	34" - 37"
	cm.	61 - 69	66 - 74	71 - 79	76 - 84	79 - 86	81 - 89	84 - 92	86 - 94

IONIC Cyclone Pro Butyl Drysuits

The IONIC Cyclone Pro R1 Drysuits have been designed for use where durability and performance is required. This model of drysuit has been chosen by many Emergency Services for its comfort, fit and extreme durability.

Manufactured in our BTR480 fabric, the Pro R1 drysuit incorporates a waterproof rubber butyl trilaminate membrane laminated between an inner and outer layer of polyester. This fabric is lightweight and soft to the touch ensuring wearer comfort, particularly during long periods of operational use. The butyl membrane also provides unrivalled protection against abrasion, punctures and tears giving an extended drysuit lifespan.

The Pro R1 range of drysuits is the choice of Professionals!

SAF10020

Cyclone Pro R1 Plus Drysuit

Product Features

- Manufactured from BTR480 trilaminate fabric
- BI-OME® microbial treatment
- 3mm super-stretch Neoprene neck and cuff seals
- Diagonal front-entry design
- Breathable fabric socks
- 360° Reflective markings on sleeves and ankles
- Cordura® reinforcement panel on seat
- Cordura® knee overlay with self-draining knee cushion
- YKK Aquaseal® dryzip with zip cover
- YKK Aquaseal® convenience zip
- Quick-disconnect internal braces
- Protective ankle gaiter
- Elasticated waist to ensure comfortable fit
- Bellows pocket on leg with Velcro® closure and gear loop

Sizes:

- See unisex sizing chart on page 8
- Made-to-Measure service available

Optional Extras:

- Customer logo option

Colour Options:



Yellow/
Black



SAF10025

Cyclone Pro R1 Drysuit with Neoprene Seals

SAF10026

Cyclone Pro R1 Drysuit with Latex Seals

Product Features

- Manufactured from BTR480 trilaminate fabric
- BI-OME® microbial treatment
- Latex or Neoprene seal option
- Diagonal front-entry design
- Heavy duty 3-dimensional Latex Socks
- 360° Reflective markings on sleeves and ankles
- Cordura® reinforcement panel on seat
- Cordura® knee overlay with self-draining knee cushion
- YKK Aquaseal® dryzip with zip cover
- Quick-disconnect internal braces
- Protective ankle gaiter
- Elasticated waist to ensure comfortable fit
- Bellows pocket on leg with Velcro® closure and gear loop

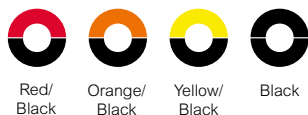
Sizes:

- See unisex sizing chart on page 8
- Made-to-Measure service available

Optional Extras:

- Customer logo option
- Convenience zip

Colour Options:



LATEX
HD



CORDURA

SUPERSTRETCH
neoprene



3
YEAR
WARRANTY

IONIC Cyclone Pro Butyl Drysuits

Designed around the unique female form, we have designed a female version of the PRO R1 drysuit ensuring that all females can now be fitted correctly while carrying out life-saving operational duties.

Key features to our female pattern drysuits are shorter arm and leg lengths, reflected in women's physiques, while a contoured hip pattern has been implemented to accommodate a hip curve without creating an ill-fitting effect.

We offer a drop-seat option offering relief without having to take off all your layers. Featuring the all-new Aquaseal® curved waterproof zip, the drop-seat is dry and easy to close.

SAF10076 - Drop Seat Version

Cyclone Pro R1 Drysuit with Neoprene Seals

SAF10078 - Drop Seat Version

Cyclone Pro R1 Drysuit with Latex Seals

SAF10077

Cyclone Pro R1 Drysuit with Neoprene Seals

SAF10079

Cyclone Pro R1 Drysuit with Latex Seals

Product Features

- See product features on page 11

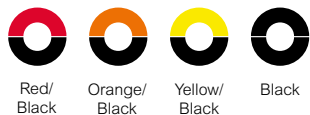
Sizes:

- See ladies sizing chart on page 9
- Made-to-Measure service available

Optional Extras:

- Customer logo option

Colour Options:



Red/Black Orange/Black Yellow/Black Black



LATEX
HD



SUPERSTRETCH
neoprene



3
YEAR
WARRANTY



YKK Aquaseal Curved Drop Seat Zipper



IONIC Cyclone Pro Butyl Drysuits

The IONIC Cyclone Pro R2 sets a new standard for performance and protection, manufactured from our new innovative butyl fabric named Max-Flex 300.

The fabric is purpose-built for rugged conditions, providing outstanding abrasion resistance - but still offering a soft, highly-flexible feel that moves naturally with your body, giving long-lasting durability without added bulk.

Precision-sealed seams, ergonomic panel shaping, and reinforced stress zones all contribute to dependable performance when it matters most.

SAF1A001

Cyclone Pro R2 Drysuit - Unisex Sizing

SAF1A002

Cyclone Pro R2 Drysuit - Ladies Sizing

- Manufactured from Max-Flex 300 Butyl Fabric
- Latex or Neoprene seal option
- Diagonal front-entry design
- Heavy duty 3-dimensional latex socks
- 360° Reflective markings on sleeves and ankles
- Cordura® reinforcement panel on seat
- Cordura® knee overlay with self-draining knee cushion
- YKK Aquaseal® dryzip with zip cover
- Quick-disconnect internal braces
- Protective ankle gaiter
- Elasticated waist to ensure comfortable fit
- Bellows pocket on leg with Velcro® closure and gear loop

Sizes:

- See unisex & ladies sizing chart on pages 8 & 9
- Made-to-Measure service available

Optional Extras:

- Customer logo option
- YKK Aquaseal® male convenience zipper
- YKK Aquaseal® curved Ladies drop seat

Colour Options:



Red/
Black

Yellow/
Black



SUPERSTRETCH
neoprene



3
YEAR
WARRANTY





The custom-manufactured Ambulance HART Drysuit is designed to incorporate two different styles of fabric within one drysuit. The Max-Flex 300 butyl fabric offers the wearer a lighter-weight comfortable top for added movement - especially when swimming - while the BTR480 butyl trilaminate trouser ensures the highest protection against wear and puncture in the area of the drysuit needed where its needed most. For added durability, it also comes supplied with Cordura® protective overlays on the knee, seat and elbows. This drysuit provides excellent protection and is extremely comfortable to wear over long periods.

SAF1A004

IONIC HART Drysuit

SAF1A006

IONIC HART Ladies Drysuit with Drop Seat

Product Features

- Manufactured from butyl Trilaminate Fabric
- BI-OME® microbial treatment
- Latex or Neoprene seal option
- Diagonal front-entry design
- Heavy duty 3-dimensional Latex Socks
- 360° Reflective markings on sleeves and ankles
- Cordura® reinforcement seat panel
- Cordura® knee overlay with self-draining knee cushion
- YKK Aquaseal® dryzip with protected zip cover
- Quick-disconnect internal braces
- Protective ankle gaiter
- Elasticated waist to ensure comfortable fit
- Bellows pocket on leg with Velcro® closure and gear loop
- HART reflective detail on upper arms
- Convenience zippers fitted as standard



Sizes:

- See unisex sizing chart on page 8
- Ladies sizing available - See sizing chart on page 9
- Made-to-Measure service available

Colour Options:



Green/
Black

LATEX
HD

YKK®
CORDURA

SUPERSTRETCH
neoprene

MAXFLEX
300

3
YEAR
WARRANTY



Padded reinforced
Cordura® knee panel



YKK Aquaseal® curved drop
seat zipper on ladies option

The IONIC Civil Defence Pro R1 Drysuit was originally developed for the teams based in Ireland. The drysuit comes with all the same features as the Cyclone Pro R1 but is manufactured using Orange and Navy butyl fabric to keep in line with the Civil Defence corporate identity. The suit comes with the Civil Defence logo on both upper arms and the YKK convenience zipper is an optional extra on both the unisex and female patterns. The suit also has the BI-OME® microbial treatment for added protection for the users.

CMD009

IONIC Civil Defence Drysuit

Product Features

- Manufactured from BTR480 butyl trilaminate fabric
- BI-OME® microbial treatment
- 3mm super-stretch neoprene neck and cuff seals
- Diagonal front entry design
- Heavy duty 3-dimensional Latex Socks
- 360° Reflective markings on sleeves and ankles
- Cordura® reinforcement seat panel
- Cordura® knee overlay with self-draining knee cushion
- YKK Aquaseal® dryzip with protected zip cover
- Quick-disconnect internal braces
- Protective ankle gaiter
- Elasticated waist to ensure comfortable fit
- Bellows pocket on leg with Velcro® closure and gear loop
- Civil Defence reflective detail on upper arms
- Optional convenience zippers

Sizes:

- See unisex sizing chart on page 8
- Ladies sizing available - See sizing chart on page 9
- Made-to-Measure service available

Colour Options:



Orange/
Blue



LATEX
HD



CORDURA

SUPERSTRETCH
neoprene



3
YEAR
WARRANTY

IONIC Responder Drysuits

The IONIC Responder Drysuit was designed, as its name suggests, specifically for First Responders operating in demanding environments.

Although developed as an entry-level drysuit, the Responder does not compromise on quality. It is fitted with heavy-duty latex seals and robust 3D latex socks to ensure excellent water-tightness and durability. Supplied in a compact stowage bag for easy transport and rapid deployment, the IONIC Responder Drysuit is perfect for flooding scenarios, providing essential protection, comfort, and confidence when operating in wet and unpredictable conditions.

SAF10029

Cyclone Responder Drysuit

Product Features

- 420D PVC laminated nylon fabric
- Colour - Red with Black overlays
- Construction - Taped seams throughout
- Seat and knee reinforcement
- Back entry design with Aquaseal® Zipper
- 360° Reflective markings on cuffs
- Protective ankle gaiter
- Protective zip cover
- Heavy duty Latex neck and cuff seals
- Heavy duty 3-dimensional Latex Socks
- Elasticated waist ensures comfortable fit
- Quick-disconnect internal braces
- Supplied with stowage bag

Sizes: XS, S, M, L, XL, 2XL, 3XL, 4XL

See SAR & Responder Size Chart on Page 9

Optional Extras:

- Customer logo option



YKK®

**LATEX
HD**

1
YEAR
WARRANTY

The Responder 2 Drysuit is an evolution of the original IONIC Responder. This fully breathable suit comes supplied as standard with premium component parts including neoprene neck and cuff seals, breathable fabric socks and ankle gaiters.

Manufactured using a high-performance Hydratec 3-Layer Trilaminate Fabric with additional 500D Cordura® protective panels in the seat and knee, you can be assured of maximum durability and performance. Fitted also with the YKK Aquaseal® Zipper, this IONIC Drysuit is the preferred choice for comfort, flexibility and meets the expectations of a hard-working comfortable drysuit.

SAF10082

Cyclone Responder 2 Drysuit

Product Features

- Hydratec breathable trilaminate fabric
- Colour - Black trouser with fluorescent yellow top
- 3mm super-stretch neoprene neck and cuff seals
- Cordura® reinforcement seat panel
- Padded reinforced Cordura® knee panels
- YKK Aquaseal® dryzip with protective zip cover
- 360° Reflective detail on sleeves and lower leg
- Protective ankle gaiter
- Construction - Taped seams throughout
- Elasticated waist to ensure comfortable fit
- 3-dimensional breathable fabric socks
- Quick-disconnect internal braces

Sizes: XS, S, M, L, XL, 2XL, 3XL, 4XL

See SAR & Responder Size Chart on Page 9

Optional Extras:

- Customer logo option



IONIC Cyclone SAR Drysuit & Water Operations Suit

The Cyclone SAR drysuit has been designed in conjunction with a number of professional specialist rescue teams. The SAR drysuit is a premium, fully breathable drysuit fitted with a host of extra features as standard.

Manufactured using Hydratec breathable trilaminate fabric, with additional 500D Cordura® protective panels in the seat and knee, you can be assured of maximum durability and performance. An integral detachable hood system provides wind chill protection and is designed to fit over a water rescue helmet or can be stored in the zip collar pouch. The inside neck collar is fitted with a thermal fleece liner for additional comfort.

For improved fit, an adjustable waistband has been added. Other features include a convenience zip and adjustable ankle gaiters, providing additional protection.

SAF10055

Cyclone SAR Drysuit with Neoprene Seals

Product Features

- Manufactured from Hydratec 320 breathable fabric
- 3mm super-stretch Neoprene neck and cuff seals
- Cordura® reinforcement seat panel
- Padded reinforced Cordura® knee panels
- Detachable hood with collar stowage pouch
- YKK Aquaseal® dryzip with protective zip cover
- YKK Aquaseal® convenience zip
- Zipped pocket with additional window/slate pocket
- Hydratec 320 breathable socks
- 360° Reflective chevron markings
- Additional reflective piping on upper body
- Elasticated adjustable waist system for improved fit
- Protective cuff covers with Velcro® adjustment
- Quick-disconnect internal braces
- Adjustable protective ankle gaiter

Sizes: XS, S, M, L, XL, 2XL, 3XL, 4XL

See SAR & Responder Size Chart on Page 9

Optional Extras:

- Customer logo option

Colour Options:



Red/
Black Yellow/
Black Black



Elasticated Detachable Waterproof Hood

Works in conjunction with
a helmet



Elasticated Detachable Waterproof Hood

Fully detachable or can
be stored in the zipped
collar storage pocket
when not in use



Breathable Fabric Socks

Based on the Cyclone SAR Drysuit, the Water Operations Suit is a two-piece, fully waterproof salopette and jacket system designed for Water Rescue, Flood Response and Foul Weather operations. Constructed from lightweight, Hydratec breathable fabric, it provides comfort, mobility and reliable waterproof protection during operational use.

The high-chest salopette features adjustable braces, dual thigh pockets suitable for hydration pouches, a secondary internal-waist seal for standalone wear, and a Cordura® abrasion-resistant gaiter compatible with wellington or ankle boots. Integrated breathable waterproof socks provide full lower-body protection.

The over-the-head jacket includes an adjustable waistband, neoprene cuffs, two waterproof sleeve pockets, a helmet-compatible detachable hood and an adjustable bellows collar for ventilation and comfort.

SAF10056

Cyclone SAR Water Operations Jacket

SAF10057

Cyclone SAR Water Operations Salopette

Product Features

- Manufactured from Hydratec 320 breathable fabric
- 3mm super-stretch Neoprene cuff seals
- Cordura® reinforcement seat panel
- Cordura® knee-length outer gaiter
- Detachable hood with collar stowage pouch
- Internal-waist seal
- Waterproof sleeve pockets on upper arms
- Equipment / hydration pockets on both thighs
- Hydratec 320 breathable socks
- 360° Reflective chevron markings
- Adjustable chest closure system
- Elasticated adjustable waist system for improved fit
- Protective cuff covers with Velcro® adjustment

Sizes: S, M, L, XL, 2XL, 3XL

Optional Extras:

- Customer logo option

Colour Options - Jacket Only:



Red/
Black

Yellow/
Black



Elasticated Detachable Waterproof Hood

Works in conjunction with
a helmet

CORDURA

SUPERSTRETCH
neoprene



1
YEAR
WARRANTY

IONIC Flood Suit

The IONIC Flood Suit was designed and developed in conjunction with UK Fire & Rescue Services to offer an economical solution for use in Low-Level Flooding, Mud Rescue and High Volume Pump Operations. The Flood Suit is operational with many Emergency Services around the UK and is proving to be extremely popular due to its versatility making it suitable for a wide range of applications.

SAF10016

Cyclone Flood Suit

Product Features

- 420D PVC laminated nylon fabric
- Waterproof construction with taped seams
- Adjustable waistbelt and braces
- Two front chest pockets with reflective panels
- Adjustable top with Velcro® strap
- Knee-length gaiter
- Breathable fabric socks
- 3mm super-stretch Neoprene cuffs
- Neoprene adjustable waistband seal on jacket
- Reflective panels on arm
- Bellows pocket on right leg
- Supplied with stowage bag

Certification:

- Certified to EN343

Sizes: S, M, L, XL, 2XL, 3XL

Colour Options:



Red/
Black



Twin Compartment Stowage Bag



LATEX
HD

SUPERSTRETCH
neoprene

1
YEAR
WARRANTY



IONIC Thermal Garments & Base Layers

The IONIC Thermacore Dual™ combines a salopette-style trouser with a smock-style jacket, creating an ideal thermal layering system for extreme climate conditions. The two-piece design provides optimum thermal insulation while offering the versatility to support a wide range of activities.

Manufactured from durable yet lightweight fabrics, the suit is comfortable to wear even during prolonged use. Its compressible design ensures it remains non-bulky, delivering an excellent balance of thermal protection and functionality. The Thermacore Dual™ can be worn with or without a base layer, allowing users to adapt to their personal thermal requirements and environmental conditions.



SAF20028

Thermacore Dual™

Product Features

- Soft outer 20D Nylon fabric Shell
- Super soft polyester thermal filling
- Brushed polyester lining
- Smock style top with side vent zips, front chest pocket and hand warmer pocket
- Adjustable elasticated cuffs
- Scalloped shape back and half zip neck opening
- The Salopette has an elasticated back panel and adjustable elasticated braces with rear adjustment slider for improved comfort
- The braces have quick-release buckles fitted at the front
- Unisex relief zip fitted
- Lower leg side zips, for easy donning
- Front chest pocket with zip closure
- Elasticated foot stirrups fitted

Sizes: S, M, L, XL, 2XL, 3XL

Colour Options:



Black



The IONIC Thermacore Quad™ undergarments are available in unisex and ladies two-piece versions, offering superior comfort and thermal performance. Made from a premium four-way super-stretch Polytherm™ twin-layer fleece, the garments provide an efficient thermal barrier while delivering a snug, body-hugging fit.

The twin-layer construction is highly thermally efficient and features an excellent moisture-wicking system, moving sweat away from the skin even when wet. The two-piece design allows flexible wear - the top and bottom can be worn individually or together to enhance thermal insulation, adapting to climatic changes.



Ladies Version Elasticated Attachment System

This feature ensures the top does not ride up during use under a drysuit

SAF20017

Unisex Thermacore Quad™

SAF20042

Ladies Thermacore Quad™

Product Features

- Dual-layer construction providing excellent thermal performance
- Four-way super-stretch Polytherm™ twin-fleece fabric
- The fleece fabric has an antimicrobial treatment to reduce the risk of bacteria in the garment
- Versatile two-piece design suitable for a wide range of activities
- **Unisex Version** - Salopette style bottom, fitted with a two-way zip for easy entry and foot stirrups
- **Ladies Version** - Legging style bottom, with elasticated attachment to hold the bottom and top in place
- The top has a scalloped shaped back and crew neck collar
- Contrast Grey colour flat-lock seams throughout for added comfort
- The sleeves are fitted with thumb loops (Unisex version only)

Unisex Sizes:

XS/S, M/ML, L/XL, 2XL/3XL, 4XL/5XL

Ladies Sizes:

XS (4-6), S (8-10), M (12-14), L (16-18), XL (20-22)

Colour Options:



Black



SAF20021

Thermafleece™ Undersuit



- 250g m2 polyester fleece fabric
- 2-way zipper
- Elasticated thumb loops
- Contrast flatlock stitching
- Elasticated foot stirrups
- 2 hip pockets

Sizes:

XS, S, M, L, XL, 2XL, 3XL, 4XL

SAF20025 / SAF20032

Thermaskin™ Base Layer
Top & Bottom



When you wear the IONIC Thermaskin™ range you know that it will keep you warm and dry in a variety of conditions. The garment, with its antimicrobial treated fabric, looks and feels like a cotton polo shirt, with a soft, silky feel and plush texture, however, it performs differently.

The 4-way super-stretch fabric used in Thermaskin™ draws sweat away from the body and increases micro-ventilation. No more sticky back where your garment sticks to your body, or coldness caused by wet clothing. The fabric is one of the quickest drying on the market which also means short drying times after washing. In extreme cold, the Thermaskin™ also works as a base-layer when used as a layering system in conjunction with the Thermafleece™, Thermacore™ and Thermacore Quad™.

SAF20016

Thermaskin™ Base Layer
Suit



- 4-way super-stretch polyester brushed Lycra fabric
- Fabric weight: 240gsm
- Water-repellent outer layer
- Wicking inner layer
- Windproof & breathable
- Antimicrobial treated fabric
- Outer layer UPF 50+
- Thumb loops

Sizes: XS, S, M, L, XL, 2XL, 3XL

SAF20045

Waterproof Changing Robe

Specially designed for all types of outdoor activity changing needs. The robe is fully weatherproof with taped seams and comes with a fleece lining including a hood to prevent windchill.

- Waterproof outer shell with taped seam:
- Heavyweight sherpa fleece lining
- Heavy-duty non corrosive 2-way zip
- 2 x outer hip pockets with zip closure
- 1 x zipped water-resistant inner pocket suitable for a mobile phone
- 1 x internal pen pocket
- Velcro® adjustable cuffs
- Internal zip flap
- Logo service available

Sizes:

XS, S, M, L, XL, 2XL, 3XL

Colour Options:



Black



Navy



SAF20027

Merino® Sock Liners



The Merino® Sock Liner & Merino® Glove Liner are manufactured using Merino® wool and Sorona® natural fibres, which deliver superior levels of thermal insulation.

Merino® wool is known for its hygroscopic properties - its ability to absorb and release water vapour quickly and yet retain its thermal insulation properties even when wet.

Sizes: S, M, L, XL

SAF40037

Merino® Glove Liners



SAF20026

Thermacore Quad™ Socks



- Twin-layer Polytherm™ construction
- Supreme fit for maximum comfort
- Black with Grey contrast stitching
- Can be worn in conjunction with Merino® Sock Liner SAF20027

Sizes: S, M, L, XL

IONIC Neoprene Gloves & Caps



SAF40017

Therma Pro x1

- 2mm Superstretch neoprene for improved fit and dexterity
- No internal stitched seams for optimum comfort
- Scalloped shaped cuff design for ease of donning
- Amara reinforced palm and fingers
- Pre-curved fingers

Sizes: S, M, L, XL, 2XL

SUPERSTRETCH
neoprene



SAF40041

Therma Pro x2

- 2mm Superstretch neoprene for improved fit and dexterity
- No internal stitched seams for optimum comfort
- Scalloped shaped cuff design for ease of donning
- Kevlar reinforced palm and fingers
- Pre-curved fingers

Sizes: S, M, L, XL, 2XL

SUPERSTRETCH
neoprene



SAF40024

Therma Pro x3

- 3mm Superstretch neoprene for improved fit and dexterity
- No internal stitched seams for optimum comfort
- Scalloped shaped cuff design for ease of donning
- Textured grip palm and fingers
- Velcro® wrist strap
- Pre-curved fingers

Sizes: XS, S, M, L, XL, 2XL

SUPERSTRETCH
neoprene



SAF40020

Therma Pro x4

- 4mm Superstretch neoprene for improved fit and dexterity
- No internal stitched seams for optimum comfort
- Scalloped shaped cuff design for ease of donning
- Kevlar reinforced palm and fingers
- Velcro® wrist strap
- Pre-curved fingers

Sizes: XS, S, M, L, XL, 2XL

SUPERSTRETCH
neoprene



SUPERSTRETCH
neoprene

SAF46001

Neoprene Skull Cap

- 1.5mm Superstretch neoprene fabric with fleece lining
- No internal stitched seams for optimum comfort
- Provides thermal protection
- Vented ear pieces for easy hearing
- Velcro® fastening chin strap
- Designed to be worn under a helmet

Sizes: S, M, L, XL, 2XL



SUPERSTRETCH
neoprene

SAF46026

Nitrotherm Skull Cap

- 1.5mm Superstretch neoprene fabric with fleece lining
- No internal stitched seams for optimum comfort
- Provides thermal protection
- One-piece design / antimicrobial treated
- Vented ear pieces for easy hearing
- Designed to be worn under a helmet

Sizes: S/M, L/XL

IONIC Nitro Helmet

The Nitro XT Water Helmet is specifically designed for water rescue operations, combining superior protection, comfort, and thermal insulation. Its injection-moulded ABS outer shell provides robust impact resistance, while the soft EVA foam lining ensures excellent comfort and warmth in cold conditions.

The full-cut design protects the sides of the head and ears while incorporating cut-outs to ensure you can hear your surroundings clearly. Available in four sizes, the Nitro XT fits most head profiles - making it a reliable choice for water rescue and high-intensity water activities.

SAF46030

Nitro XT Water Rescue Helmet

Product Features

- Full-cut design with side impact protection
- ABS moulded outer shell
- Side impact protection. The full-cut design provides good protection around the side of the head and ears
- Soft EVA padded liner which provides excellent impact protection
- Adjustable padded harness with ratchet adjustment
- Adjustable chin strap with padded chin guard and Red buckle for positive ID
- Logo service available

Certification:

Certified: EN 1385: 2012

Available Sizes:

Small	56 - 58cm
Medium	58 - 60cm
Large	60 - 62cm
X-Large	62 - 64cm

Available Colours:



White



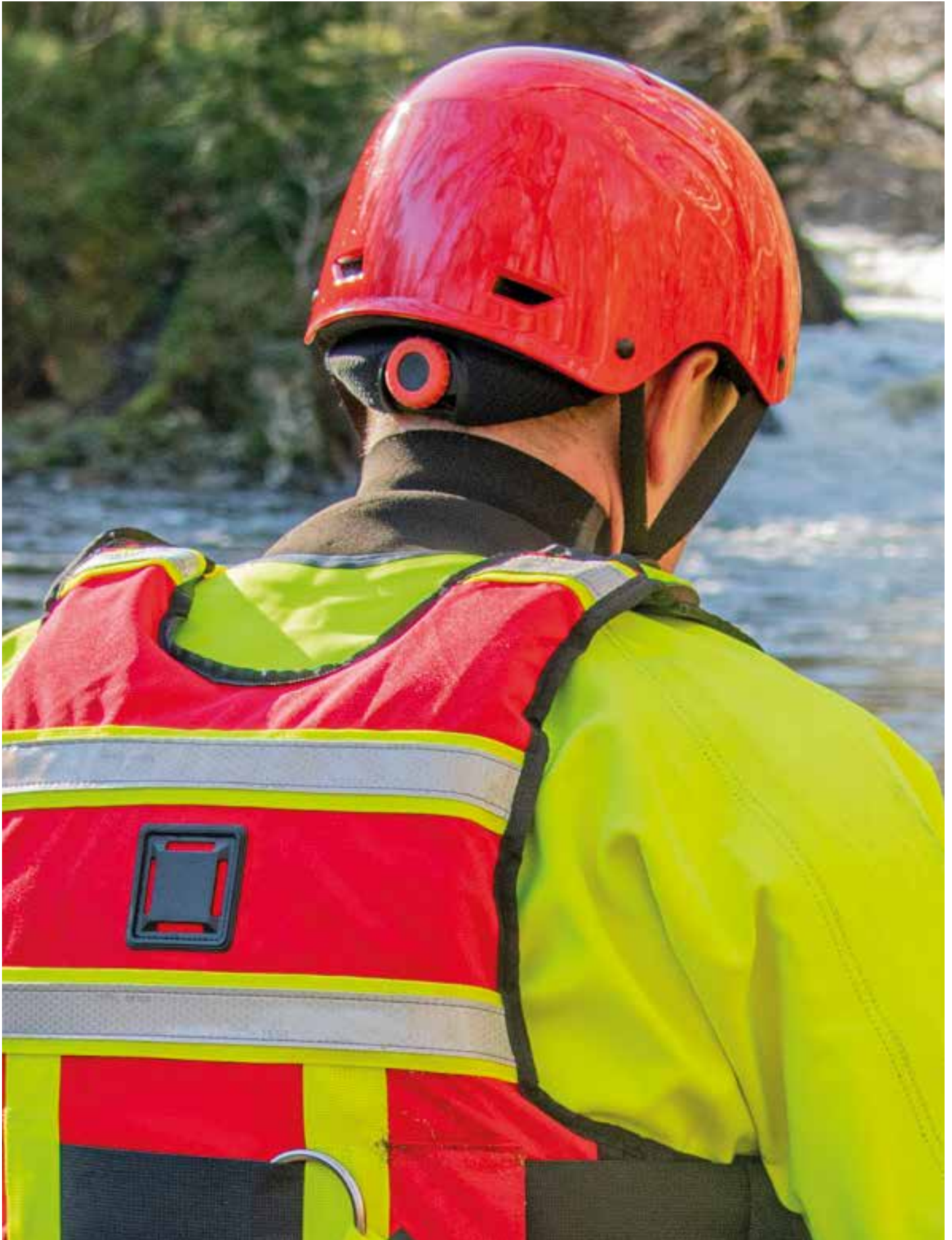
Red



Yellow







The IONIC Vapor is a high-performance water operations safety helmet designed to provide maximum impact protection while ensuring superior comfort. Its durable ABS shell is paired with a high-impact performance liner to safeguard the wearer in demanding water rescue environments.

The helmet features a fully adjustable 4-point chin strap and a ratchet-style cradle for a secure, comfortable fit. Lightweight construction reduces fatigue during extended operations, and the removable internal cushioned liner can be easily cleaned to maintain hygiene and reduce bacteria and perspiration buildup.

SAF46060

Vapor Water Safety Helmet

- High-impact protection shell and liner with velvet covering
- Tough ABS injected moulded outer shell
- Removable cushioned liner for enhanced hygiene
- 4-point fully adjustable chin strap system
- Ratchet-adjustable internal cradle system
- Positive ID ratchet and chin strap
- Vented design for improved heat dissipation
- Fabric stowage bag

Certification:

Certified: EN 1385: 2012

Available Sizes:

Small (53 - 55cm)
Medium (55 - 58cm)
Large (58 - 61cm)
X-Large (61 - 62cm)

Available Colours:



White



Red



Yellow



ABS Outer Shell

The Vapor water safety helmet is a high-performance water helmet which has an injection moulded ABS tough outer shell with a soft EVA foam lining.



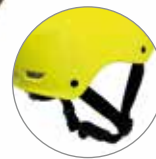
Ratchet System

The ratchet-adjustable cradle system ensures a snug fit for the user.



Cushioned Liner

The soft cushioned liner provides outstanding comfort and can be removed for cleaning/ washing.



Adjustable Chin Strap

Adjustable chin strap with padded chin.



IONIC Rocka Boot

The IONIC Rocka is a specialist Water Rescue Safety Boot, designed for use with drysuits and extended periods submerged in water. Its updated Vibram® sole unit, made from a high-performance rubber compound, delivers superior grip on wet, slippery, and uneven terrain. The rugged tread pattern with deep channels provides excellent traction in rocky, flooded, or challenging environments, making it ideal for Water Rescue operations.

With a generous internal fit, the boot accommodates bulky dry-socks while maintaining comfort, protection, and underwater performance. The Boa® Quick Release Closure System ensures equal tightening across the foot, reducing pressure points, and allows rapid removal when needed. The low-profile dial is easy to operate and comes with a lifetime warranty, offering reliability and convenience in the field.

Trusted by rescue personnel worldwide, the Rocka has become the boot of choice for professional water rescue teams, combining durability, comfort, and safety in a single high-performance design suitable for the most demanding aquatic environments.

SAF42050

ROCKA Water Rescue Boot

Product Features

- Vibram® rubber dual density sole system
- Boa® quick-release closure system
- Durable synthetic leather & mesh upper
- Kevlar® stitched seams for added strength
- Anti-static & oil/fuel resistant out-sole
- Reflective inserts
- Removable moulded foot bed
- Kevlar® fibre protective mid-sole
- Lightweight protective toe cap
- Padded ankle support
- External rubber bump cap
- Padded tongue
- Twin drainage vents



Boa® Closure System



Certification:

Certified: EN ISO 20345: 2011

Available Sizes:

UK 3 - 15

US 4 - 16

EU 36 - 50





Vibram® Durable Sole
Vibram® dual density durable soling system

IONIC Matrix Buoyancy Aids

The IONIC Pro Matrix is the ultimate rescue PFD, purpose-built for Water Rescue professionals operating in extreme conditions where performance is critical.

Its ergonomic design delivers a secure yet comfortable fit, optimising operational performance both in and out of the water. The Pro Matrix offers a high level of buoyancy and features deep-cut arm holes, allowing unrestricted arm rotation for efficient and powerful swimming.

Ample stowage is provided through large front pockets, complete with gear clips and stretch mesh gear pouches. Two additional smaller front pockets are specifically designed to accommodate a rescue knife or rope cutter. For added versatility, the rear of the PFD incorporates a removable pouch, offering extra storage when required.

SAF30055

IONIC Pro Matrix Personal Flotation Device

Product Features

- Up to 158N of inherent buoyancy
- 500D Cordura® outer shell
- Bright Red with Fluro-Yellow webbing and trim
- Fully adjustable padded shoulders
- Radio retention loops
- Ergonomic foam channels for increased comfort
- Velcro® ID panels on front and back
- Two large self-draining front pockets
- Removable rear stowage pouch
- Twin front knife pockets with retaining ring
- Concealed karabiner pocket reducing snagging
- 40mm webbing harness
- Size adjustable quick-release chest harness
- Lash tab attachment points
- Removable crotch straps
- Adjustable Waistband
- Side Compression Straps

Certification:

Certified: EN ISO 12402-5 & 12402-6 (2020)

Sizing:

Sizes	UOM	XS/S	M/L	XL/2XL	3XL/4XL
Chest	inches	30 - 38	36 - 44	42 - 50	48 - 58
	cms	75 - 96	91 - 112	107 - 127	122 - 147
Inherent Buoyancy	newtons	88N	118N	140N	158N

Colour Options:



Black/
Yellow

Red/
Yellow

CORDURA®

3 YEAR
WARRANTY





Concealed Karabiner Pocket



Removable Velcro Pocket

The IONIC Matrix Omni is a high-performance rescue PFD designed for Water Rescue professionals operating in demanding and extreme conditions. Built to the same proven specification as the Pro Matrix, the Matrix Omni features a universal-fit design, providing a true one-size-fits-all solution without compromising comfort, safety or performance.

The adjustable design incorporates multiple secure adjustment points, allowing the PFD to be quickly tailored to a wide range of body shapes and sizes. This ensures a stable, close-fitting profile that remains secure during dynamic rescue operations, swimming and swiftwater environments.

The Matrix Omni combines professional-grade performance with universal adaptability, making it ideal for rescue teams, training centres and multi-user deployments requiring a versatile shared-use PFD.

SAF30060

IONIC Matrix Omni Personal Flotation Device

Product Features

- Universal one-size-fits-all design
- 118N of inherent buoyancy
- Dual directional side adjustment compression straps
- All other features as per Pro Matrix opposite

Certification:

Certified: EN ISO 12402-5 & 12402-6 (2020)

Sizing:

XS - 4XL - Chest Size 86cm (34") to 150cm (60")

Colour Options:



Red/
Yellow



Available From Autumn 2026



Adjustable Quick Release Belt



Dual Directional Adjustment Straps - Omni Model



IONIC Rescue Pro Buoyancy Aid

The IONIC Rescue PRO is a technical rescue PFD designed for Emergency Services and all waterborne operations. Constructed from durable, hardwearing Polyester fabric, it is packed with features and certified to the latest ISO 12402 (2020) standard.

With one of the highest buoyancy levels on the market, the Rescue PRO ensures the wearer sits higher in the water for enhanced safety and operational efficiency. It includes twin removable crotch straps for added security and features the ability to retrofit reflective ID badges, maximising visibility and supporting corporate identity. Ideal for professional rescue teams, it combines comfort, safety, and durability in demanding water environments.

SAF30012

IONIC Rescue Pro Personal Flotation Device

Product Features

- Up to 140N of inherent buoyancy
- Heavy-duty 600D polyester fabric outer shell
- Foam side panels for added protection
- Fully adjustable padded shoulders
- Twin side adjustment straps and adjustable waistbelt
- Velcro® ID panel on back
- Two front self-draining front pockets with gear loops
- Twin front knife pockets with retaining ring
- SOLAS approved reflective panels
- Size adjustable quick-release harness
- Lash tab attachment points
- Removable crotch straps
- Adjustable Waistband
- Side Compression Straps



Certification:

Certified: EN ISO 12402-5 & 12402-6 (2020)

Sizing:

Sizes	UOM	S/M	L/XL	XL/2XL
Chest	inches	30 - 38	36 - 44	42 - 50
	cms	80 - 100	100 - 110	110 - 130
Inherent Buoyancy	newtons	88N	118N	140N



Colour Options:



Red/
Black

3
YEAR
WARRANTY



Image from the UK Coastguard showing the IONIC Rescue Pro Buoyancy Aid in Operational Duties wearing alongside the IONIC Cyclone Pro R1 Drysuit.



SAF61011

Elasticated Webbing Cowtail

- Elasticated 25mm webbing
- High visibility Yellow colour
- Bar-tack stitched in Red contrast thread
- Independently tested to 7kN
- 5mm gauge 316 stainless steel ring
- Non-extended length: 40cm excluding 6.5cm steel ring
- Extended length: 75cm excluding 6.5cm steel ring



SAF61047 / SAF61039

EDELRID HMS Magnum

- Screwgate / Triplelock versions
- Material: Aluminium
- Shape: HMS
- Width 76mm / Length 120mm
- Gate opening 22mm
- Fmax. major axis: 24kN
- Certification EN 12275 / EN 362



SAF61037 / SAF61041

EDELRID Strike

- Screwgate / Triplelock versions
- Material: Aluminium
- Shape: HMS
- Width 67mm / Length 98mm
- Gate opening 19mm
- Fmax. major axis: 22kN
- Certification EN 12275 / EN 362



SAF61046 / SAF61049

EDELRID Pure Screw

- Screwgate / Triplelock versions
- Material: Aluminium
- Shape: Offset D
- Width 60mm / Length 97mm
- Gate opening 19mm
- Fmax. major axis: 22kN
- Certification EN 12275 / EN 362





SAF38042

IONIC Attachment Loop

- Can be used to attach a whistle and fitted onto a Buoyancy Aid



SAF33036

Tornado T2000 Whistle

- Plastic Construction
- Ultra high pitch - 125dBA
- SOLAS Approved



SAF33046

Fox 40 Whistle

- Plastic Construction
- Constant penetrating sound
- Available in Red, Yellow & Black



SAF33053

Rescue Pro Crotch Strap

- Replacement crotch strap for IONIC Rescue Pro Buoyancy Aid



SAF33067

Pro Matrix Crotch Strap

- Replacement crotch strap for IONIC Pro Matrix Buoyancy Aid



SAF33066

Pro Matrix Coccyx Protector

- Manufactured in Cordura fabric
- Quick connect/disconnect
- Removable cushioned insert

SAF33052

PFD Reflective Badges

IONIC Buoyancy Aids have a velcro panel which has been designed to incorporate encapsulated reflective badges.

A minimum order of 15 allows you a bespoke design to your specification.



IONIC Throwlines

IONIC Throwlines are built for the rugged demands encountered in Water Rescue scenarios. Manufactured from hard-wearing 600D Ripstop fabric, the one-piece main body provides added strength and durability, reducing mechanical wear and tear during use. Fully lined with a foam insert for extra buoyancy, these throwlines remain effective even in fast-flowing water.

Designed with a wide neck/collar for rapid reloading after deployment, the system includes a 10mm floating rope with a breaking strength of 10kN, ensuring reliability and safety in critical Water Rescue operations.

SAF62001

IONIC Throwlines

Product Features

- 600D Ripstop fabric construction
- 10mm high visibility PP floating rope
- Reinforced base provides greater durability
- Reinforced collar
- Bungee closure system
- User safety notice printed on the collar
- 360° reinforced reflective bands
- Webbing rope securing loop on collar
- Velcro® attachment panel - suitable for IONIC E-Light
- Rope ID tag for positive identification
- Integral twin 40mm belt loops for use with belt
- Twin elasticated Glow Stick loops for night operations
- Sizes available: 15m, 20m, 25m



The IONIC Throwline Belts are designed for use with IONIC Throwlines, providing secure and convenient carrying for rapid deployment. Each belt loops through two reinforced webbing loops on the bag and fastens around the waist with quick-release buckles.

The design prioritises safety in Swift Water operations, allowing the wearer to rapidly release the bag if they become snagged by an obstacle, ensuring both efficiency and personal protection during rescue scenarios.

SAF62013

Throw Bag Belt (Side Release Buckle)



- Adjustable waist belt with side-release SS-40 Buckle to secure round the waist
- 50mm webbing
- Fix lock Cam Buckle with toggle for quick release
- One Size
- Colour: Dark Grey

SAF62030

Throw Bag Belt



- Adjustable waist belt with Cam Buckle to secure round the waist
- 50mm webbing
- Fix lock Cam Buckle with toggle for quick release
- One Size
- Colour: Black / Grey

SAF62026

18m Compact Throwline

The IONIC Compact Throwline is made from durable 600D Polyester fabric and features 360° reflective bands for visibility. Twin belt loops allow attachment to an IONIC Throw Bag Belt for quick deployment. Fitted with an 8mm floating rope with a 500 kg breaking strength, it provides a compact, reliable solution for Swift Water and Flood Rescue operations.



IONIC Water Rescue Aids

The E-Light is a durable, fully waterproof safety light made from high-quality silicone/gel, offering extreme flexibility. It features two operating modes, ON and STROBE and delivers up to 100 hours of battery life, operating in temperatures from -20°C to +50°C. The holder includes a Velcro® hook for quick attachment to equipment and the light is supplied with a lanyard for added versatility in the field.

SAF51047

IONIC E-Light

- Material: Silicone & Gel
- Product dimensions: 11 x 2.6cm / 4.3 x 1.3 inches
- Battery type: CR2032
- Battery life: up to 100 hours
- Waterproof: IP67
- Comes supplied with Velcro® patch
- Can be easily attached to IONIC Throwlines & Helmets
- Available in Amber, Red, Green, Blue and White



SAF51026

Guardian Expedition Light

- Directional light visible up to 5km in darkness
- 250 hours flashing mode
- 11 hours on solid mode
- Available in Red, Yellow, Green, White & Blue

SAF36000

Glow Light Sticks

- Guaranteed 12 hour glow time
- Hook & eye lanyard
- Length 6" (15cm)
- Can be attached to IONIC Throw Bags
- Available in Orange, Red, Yellow, Blue, White & Green

SAF31019

IONIC Drysuit Hanger

- Designed to hang heavy drysuits
- Manufactured from durable plastic
- Available in Black or Yellow



SAF47014 Rapid Ti Rescue Knife

The IONIC Rapid Ti is a high-performance rescue knife featuring a titanium blade with a smooth edge, a serrated edge, and an integrated line cutter. The blunt/chisel tip makes it ideal for Water Rescue scenarios. Its moulded handle includes a metal shank and can be fitted with a lanyard if required.



- Titanium blade for use in salt water
- Smooth and serrated cutting edges
- Blunt tip design
- Sheath designed to fit on lash tab, allowing easy attachment to a PFD

SAF62003 Aquascope Basic Model

SAF62027 Aquascope Day/Night Model

- Tough plastic non-corrosive construction
- Separates into 4 sections for easy stowing
- 360° grab handle for easy handling
- Tempered glass viewer
- Soft-grip eyepiece

Day/Night Model also includes:

- Underwater lighting system fitted with 2 x LEDs
- 6 x AAA batteries
- 6 hours continuous run time



IONIC Reach & Wading Poles

The IONIC 3-Section Reach Pole is built from a composite carbon and fiberglass construction, offering strength and lightweight performance for Water Rescue operations. It features a rubberised finger grip handle, an additional pole grip for control, and wrap-around adjustable clamps on each section to securely lock them in place.

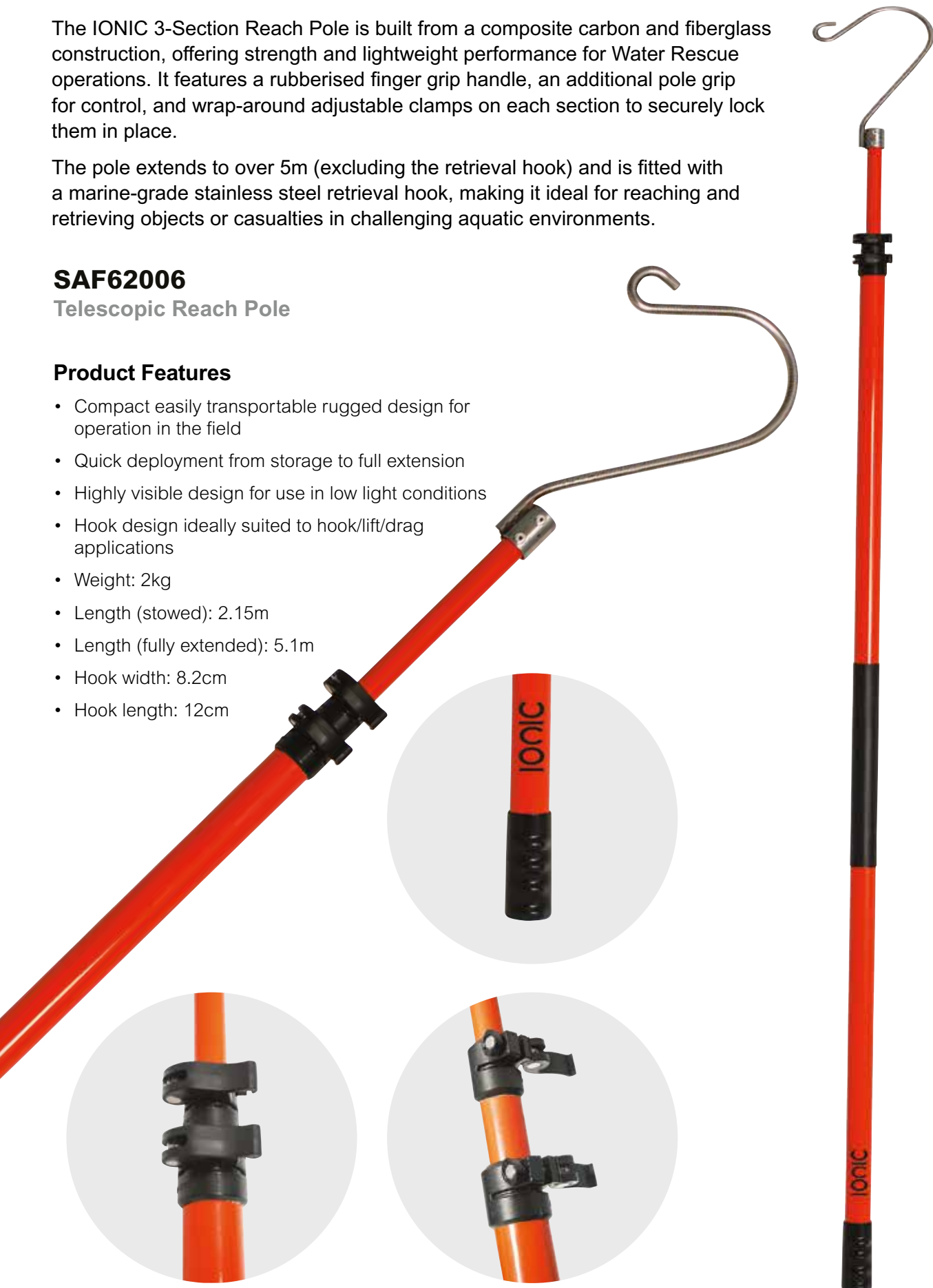
The pole extends to over 5m (excluding the retrieval hook) and is fitted with a marine-grade stainless steel retrieval hook, making it ideal for reaching and retrieving objects or casualties in challenging aquatic environments.

SAF62006

Telescopic Reach Pole

Product Features

- Compact easily transportable rugged design for operation in the field
- Quick deployment from storage to full extension
- Highly visible design for use in low light conditions
- Hook design ideally suited to hook/lift/drag applications
- Weight: 2kg
- Length (stowed): 2.15m
- Length (fully extended): 5.1m
- Hook width: 8.2cm
- Hook length: 12cm



The Floating Wading/Search Poles are robust yet lightweight, designed for professional water and search operations. Constructed from aircraft-grade aluminium and sealed with a protective coating, they offer long-lasting durability. The poles are buoyant and feature a nubbed handle at the top and a non-slip hand grip lower down for secure handling.

The rubber-weighted foot provides excellent traction on slippery surfaces, while the self-adhesive coloured marking kit allows operators to customise the poles for visibility and identification as required.

SAF62004

Floating Wading / Search Pole

SAF62012

Telescopic Floating Wading / Search Pole

Dimensions:

- Length: 1.68m,
- Diameter: 32mm,
- Hand Grip: 30cm,
- Weight: 1kg

Dimensions (Telescopic):

- Length: 1m Stowed, 1.68m Extended,
- Diameter: 32mm, Hand Grip: 30cm,
- Weight: 1kg



SAF30013

Firesafe Automatic

SAF30019

Medisafe Automatic

SAF30014

Policesafe Automatic

- Durable Cordura® cover
- Heavy duty welded bladder
- Latest UML CXi visual inflator
- Reflective markings on cover and bladder
- Inspection window with visual indicators
- Uses 60g cylinder
- Supplied with crotch strap as standard
- Velcro® closure
- Fleece collar

Certification:

EN ISO 12402-2

Lifejacket Servicing

To ensure that you always remain compliant and operate safely, IONIC Rescue recommend that all lifejackets used in the commercial sector should be serviced annually.

This servicing consists of checking all the parts of the inflation system, the CO2 cylinder, the overall state of the lifejacket and the air integrity of the bladder.

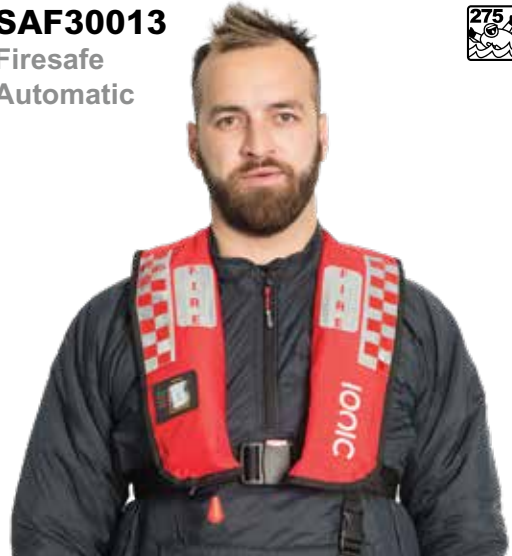
IONIC Rescue have their own in-house service centre which is approved to service all makes of CE certified lifejackets.

For further information email sales@ionicrescue.com



SAF30013

Firesafe Automatic



SAF30019

Medisafe Automatic



SAF30014

Policesafe Automatic





SAF30025

Seafit Advantage Automatic

- Durable Cordura® cover
- Kick Buoyancy to enhance the turning motion of the wearer when the jacket is activated
- Heavy duty welded bladder
- UML CXi inflator with visual inspection window
- Uses 60g cylinder
- Velcro® closure
- Optional crotch strap available
- Fleece collar

Certification:

EN ISO 12402-2

Colour Options:



Red



SAF30002

275N Seafit Automatic

SAF30008

275N Seafit Manual

- Durable Cordura® cover
- Heavy duty welded bladder
- UML MK5i anti airlock capsule
- Reflective markings on cover and bladder
- Uses 60g cylinder
- Optional crotch strap available
- Velcro® closure
- Fleece collar

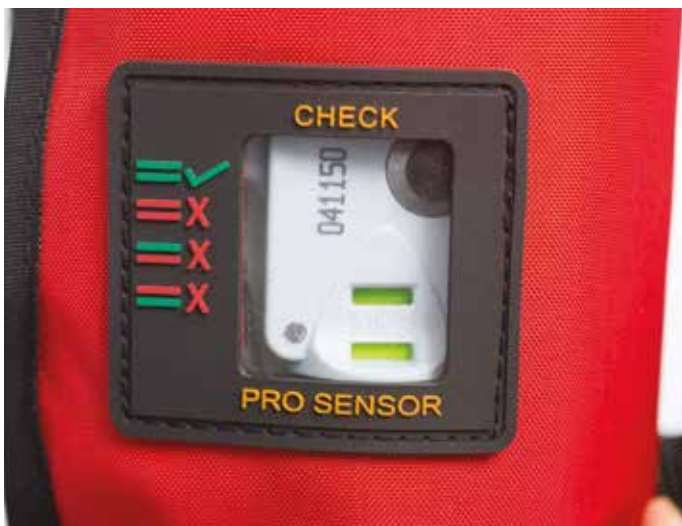
Colour Options:



Red

Certification:

EN ISO 12402-2



UML Pro Sensor Inflation Mechanism:

The new UML Pro sensor is the latest development in inflator mechanisms. The sensor affords the user a “clearly visible” point of status indication that the unit has been automatically or manually activated.

The unit also provides the added benefit of detecting if the CO2 cylinder has been pierced, eradicating the possibility of accidentally fitting a pierced gas cylinder. Along with a simple charge procedure the automatic Pro Sensor is fitted with the latest “all weather” cartridge with the added benefit of inhibiting the accidental ingress of moisture and water spray, during hot humid or heavy stormy weather.

All ‘Advantage’ style lifejackets are fitted with a user badge for added safety.

IONIC Kit Bags

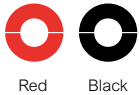
This large-capacity 125L kit bag is designed to carry a full set of Water Rescue PPE and essential equipment with ease. Manufactured from heavy-duty, easy-to-clean PVC fabric, it offers excellent durability in demanding environments. The bag includes a generous roll-out changing mat, adding versatility for operational and training use. A key feature is the removable inner bag, which can be clipped inside or used separately to keep items dry or organised. This kit bag is widely trusted by rescue teams worldwide.

SAF44008

Venture Pro PVC Kit Bag

- Robust hard wearing 1000D PVC fabric
- Mesh vents at both ends allows good ventilation
- Two-way metal zip
- ID pocket & reflective markings
- Removable internal dry stowage bag with zip closure
- Roll out changing mat 60cm x 90cm
- 2 x grab handles with padded hand grip
- 2 x padded rucksack straps
- 2 x end lifting handles
- Dimensions: 85cm x 43cm x 43cm

Colour Options:



SAF44039

Drysuit Storage Bag

The Drysuit Storage Bag offers a practical, durable solution for transporting and storing drysuits. Made from hard-wearing materials, it allows suits to be packed with ease and provides protection during storage or transit. Ideal for water rescue, marine, and emergency service use, this bag helps extend the life of your drysuit while keeping equipment organised on-station or in rescue vehicles.



This large-capacity kit bag is manufactured from tough 1000D polyester fabric, providing a robust and durable solution for Fire Kit, USAR Kit, and Water Rescue PPE. It features a generous main compartment alongside a separate end compartment, allowing equipment to be easily segregated when required. An additional internal pocket, accessed externally, offers further organisation and is ideal for storing footwear, smaller items or essential accessories.

SAF44029

Venture Gear Bag

- Robust hard wearing 1000D polyester fabric
- Generous 120L load capacity
- Main compartment - 90L
- End compartment - 30L
- 3 separate stowage compartments
- Two-way zip access
- ID pocket
- Reflective panels
- Twin carrying straps with padded hand grip
- Webbing padded shoulder strap
- Rubber protective base pads
- Main hold: 40 x 60 x 36 cm
- End hold: 40 x 20 x 36 cm



SAF10023

Twin Compartment Bag

Twin Compartment Bag with dual compartments for storage of water rescue PPE including the Flood Suit, wellington boots, thermal undersuits and neoprene items.



SAF44013

Changing Mat Bag

Drysuit stowage changing mat bag manufactured from hard wearing nylon fabric. The bag comes with an internal zipped pocket, external ID pocket, twin webbing carry handles and a metal zip that runs around 3 sides to allow it to be used as a changing mat.



IONIC X-Tract Glove & SAR Coverall

The X-Tract glove is engineered for technical rescue operations, providing protection and performance in the most demanding conditions. Constructed from Clarino and Schoeller stretch fabric, it delivers exceptional durability without compromising fit, flexibility, or dexterity.

The glove features Armortex® reinforcement on the palm and fingers, along with a full Kevlar® lining on both the palm and back of the hand, ensuring maximum protection for rescuers in a wide range of challenging environments. Ideal for professional teams, the X-Tract combines safety, comfort, and technical performance in a single glove.

SAF44038

X-Tract Technical Rescue Glove

- Stretch Schoeller® - dynamic fabric shell for comfort and fit
- Durable Clarino™ synthetic leather on fingers, thumb, and palm
- Armortex® reinforcement on palm, fingers and thumb saddle
- Full Kevlar® lining for added cut resistance performance
- PVC - reinforced fingertip gripping zones
- EVA palm padding to damp shock impact
- Double-needle Kevlar® stitching
- Elasticated wrist and debris cuff
- EVA knuckle pad with reflective pattern
- Machine washable 30°

Certification:

EN:21420 (2020), EN388, EN407 Level 1

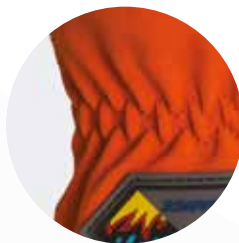
Sizes:

XS, S, M, L, XL, 2XL



Knuckle Protection

Kevlar® Armortex® padded knuckle impact protection.



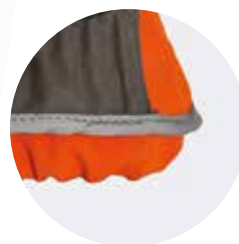
Cuff

Schoeller® dynamic fabric with elasticated debris cuff.



Lining

The glove comes with a full cut resistant Kevlar® glass fibre lining providing all round protection.



The IONIC SAR coverall has been designed and manufactured as a practical and comfortable garment designed for use for our Emergency Services. This lightweight highly innovative garment can be used for many applications including station wear, working at height and generic search and rescue scenarios.

The suit is equipped with a range of high-end features, making it a premium garment built to withstand the demanding conditions faced by rescue technicians while maintaining comfort and functionality during extended use.



SAF21000

IONIC SAR Coverall

- Manufactured in 245GSM - 65% Cotton 35% Polyester fabric
- Two-way zip access
- Padded knee and elbow design with Cordura® fabric overlays
- Twin stitched seams designed for extra durability
- 360°/50mm Orafol premium Yellow-Silver-Yellow reflective tape
- Padded shoulder design
- Chest pocket with Velcro® closure designed to fit all sizes
- Hand warmer hip design pockets
- Thigh pockets with Velcro closure
- Effective zip design gaiter, for easy boot entry
- Adjustable wrist tabs
- Elasticated waist for secure fit
- Arm pen pocket

Sizes:

XS, S, M, L, XL, 2XL, 3XL

Short & Tall Options Available

Colour Options:



Red



Navy
Blue

CORDURA

IONIC Incident Command Tabards

The IONIC Incident Command Tabards are manufactured in the UK using PU coated polyester fabric and embossed reflective tape. The tabards are available in 3 sizes ensuring they can fit all personnel. Bespoke designs available from our UK factory subject to minimum order requirements.



Features:

- Manufactured using PU coated polyester
- Embossed silver reflective tape - Two band and brace
- Stitched radio loops on chest
- Square pocket on left side as worn
- Bellowed radio pocket on right side as worn
- Elasticated sides
- 250 x 100mm reflective badge on back
- Custom made tabards available - please speak with our sales team for further information.

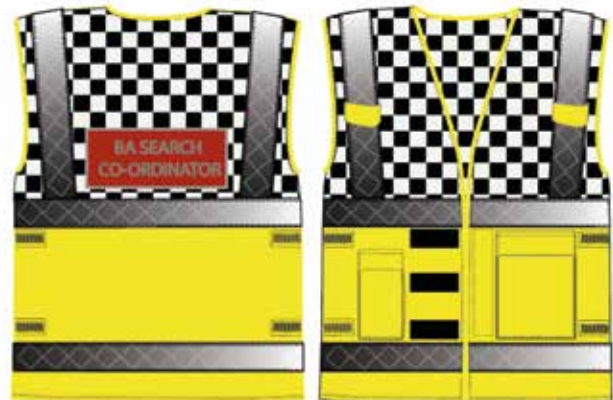
EN: 20471 Class 1

Sizes: S/M, L /XL , 2XL/3XL



TABARD.BAEC

BA ENTRY CONTROL



TABARD.BASCO

BA SEARCH CO-ORDINATOR



TABARD.SC

SECTOR COMMANDER



TABARD.SO

SAFETY OFFICER



TABARD.IC

INCIDENT COMMANDER



TABARD.BASC

BA SECTOR
COMMANDER



TABARD.FSR

FIREFIGHTER SAFETY
RESOURCE



TABARD.OC

OPERATIONS
COMMANDER



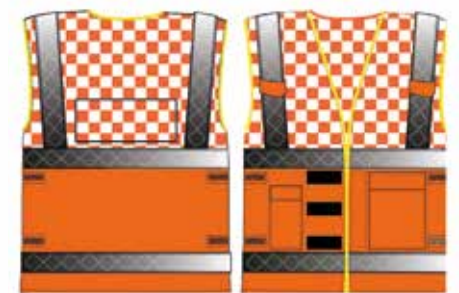
TABARD.ES

EVACUATION SUPPORT



TABARD.CS

COMMAND SUPPORT



TABARD.TA

TACTICAL ADVISOR



IONIC Hose Inflation

The Aquasafe Hose Inflation System is a simple, reliable, and highly effective water rescue solution designed for Emergency Services. It can be deployed to assist conscious casualties in water who are able to participate in their own rescue, or configured as a downstream safety boom, angled across flowing water to provide a floating lifeline or mark safe zones.

The system is compatible with standard 64mm (2.5") fire hoses and is supplied with a range of couplings to match hoses already in service, accommodating the different coupling standards used in various countries. Multiple hose rolls can be added to achieve the required operational length.

Both ends of the hose are securely sealed: the male tail end is bright Yellow for high visibility in water, while the female tail end features an inflation valve and a 40 psi pressure relief valve (PRV) to prevent over-inflation and ensure safe use.

Supplied with the IONIC Compact Inflation Kit (SAF38038), the system is compatible with BA cylinders fitted with DIN connections. The kit includes a pre-set 9 bar pressure regulator for controlled and safe inflation.

Compact, lightweight, and quick to deploy, the Aquasafe system is designed with integrated safety features and is suitable for a variety of rescue operations, including water, ice, and mud rescues. Trusted by rescue teams worldwide, it provides a versatile, safe, and practical solution for modern emergency response.

SAF66012

Instantaneous Coupling System

SAF66014

Storz Coupling System

SAF66015

NH Coupling System

SAF66016

DSP Coupling System



Kit comprises of 2 tail ends with couplings and compact inflation kit for inflating



Kit is supplied in stowage case for easy storage and transportation

Key Features

- Leaffield Inflate and PRV Valves
- Compact size and supplied in a carry case
- Easy deployment in a matter of seconds
- Simple to use system
- Minimal training, maintenance and service costs
- 2 Year Warranty

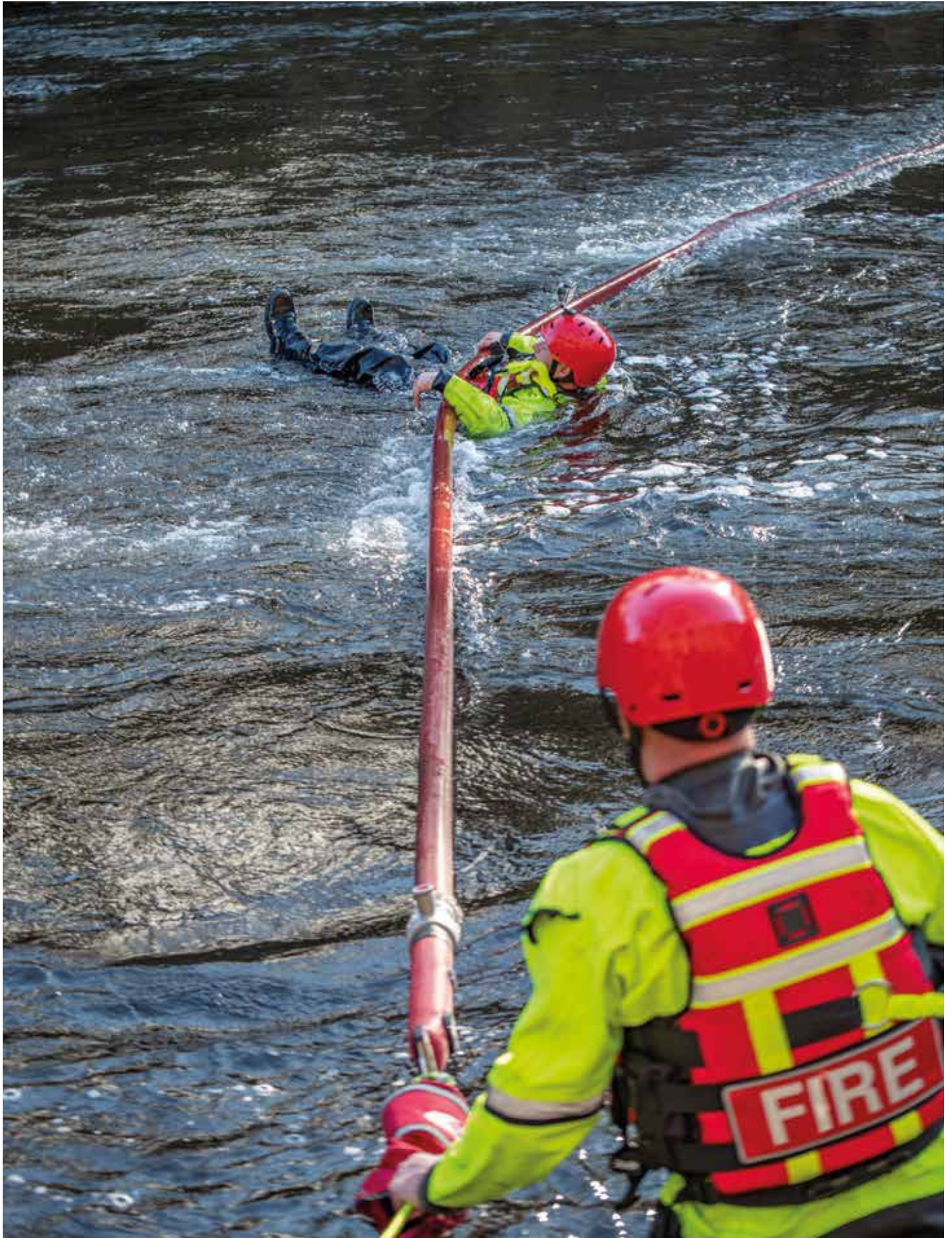


Pressure relief valve for added safety



High pressure inflation hose with screw adaptor and swivel fitting for easy operation

Design Registration: 6007338



IONIC Inflatables

IONIC[®] 

Designed and Manufactured in the UK

5 WARRANTY
YEAR



Built for Rescue

At IONIC Inflatables, we take pride in producing every single one of our inflatable crafts exclusively in the UK. Unlike many competitors who outsource production, we believe that keeping our manufacturing in the UK is the only way to guarantee the highest possible standards of quality, consistency and reliability. Each step of the process is overseen by our skilled team of craftsmen, ensuring that every rescue craft not only meets but exceeds the expectations of professional rescue teams worldwide.

Craftsmanship & Quality You Can Trust

Every IONIC Rescue Craft is handmade with precision, not mass-produced. We combine traditional craftsmanship with cutting-edge materials and technology, giving each craft a level of integrity that automated production simply cannot replicate. From the careful selection of premium ORCA® Hypalon fabrics to the integration of Leaffield valves, every detail is chosen to deliver maximum strength, performance and reliability in demanding environments.

Commitment to Quality

Our unwavering commitment to quality is underlined by a 5-year warranty, a clear statement of confidence in the durability and reliability of our inflatables.

Every IONIC craft is built to endure the extreme demands of professional rescue operations, where equipment failure is simply not an option.

Engineered with premium ORCA® Hypalon fabric and reinforced by meticulous craftsmanship, our inflatables are resistant to UV exposure, abrasion, punctures, and the toughest environmental conditions. This ensures that they deliver consistent, dependable performance not just in ordinary use, but in the most hostile and unpredictable rescue scenarios.

When lives are on the line, rescue professionals can trust IONIC inflatables to perform with unwavering strength and stability, mission after mission, year after year.



Orca® Hypalon, Built for Water Rescue Durability / Reliability / Proven Performance

Manufactured by Pennel & Flipo, Hypalon is a trademark of Dupont and is the commonly accepted name for synthetic rubber coated fabrics used in the Inflatable Boat Industry. There are many other names including CSM (chlorosulphonated polyethylene) and ORCA®.

The manufacture of all IONIC inflatable products is undertaken using exclusively the ORCA® Hypalon Fabric which is extensively used in the marine industry for the manufacture of high-end products and has been used for over 40 years in many diverse synthetic rubber applications. With its flexible properties and its ability to bond easily to many materials, this makes it the best fabric for inflatable RIB manufacture.

Fabric Construction - Hypalon is a synthetic rubber-based material with a polyester textile reinforcement and neoprene bonding layers. Its outer layer of CSM provides resistance to UV rays, abrasion, hydrocarbons and extreme temperatures.

The polyester weave gives the fabric high tenacity and tear resistance which in turn provides good mechanical resistance. The neoprene in the fabric provides fire / heat resistance and also seals the fabric to make sure it is air tight. Hypalon is acknowledged as the market leader in the manufacture of inflatable boats, ribs, sleds etc with its remarkably long life, chemical resistance, stability and abrasion resistance.

Fuel & Chemical Resistant - Hypalon is designed and engineered to ensure the highest properties in resistance to fuel, making it the ideal fabric when being used with outboards.

High / Low Temperature Resistance - Hypalon has an extreme working range from - 30°C to + 150°C, compared to PVC options which become brittle below 0°C.

Introducing the IONIC Ranger Rescue Craft

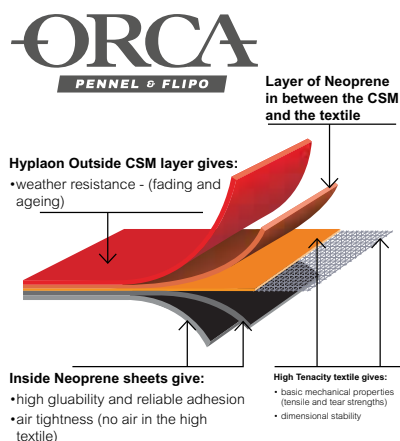
Our crafts are expertly designed and built in the UK to meet the demanding needs of our Emergency Services and Rescue Teams throughout the world for use in Water Rescue critical missions.

Engineered for both stability and high speed performance, the Ranger 470 also boasts one of the largest load capacities in its class at up to 1300kg. Designed to be lightweight for easier manual handling and can be trailer-mounted which is recommended for larger power units, or transported in a valise/stowage bag.

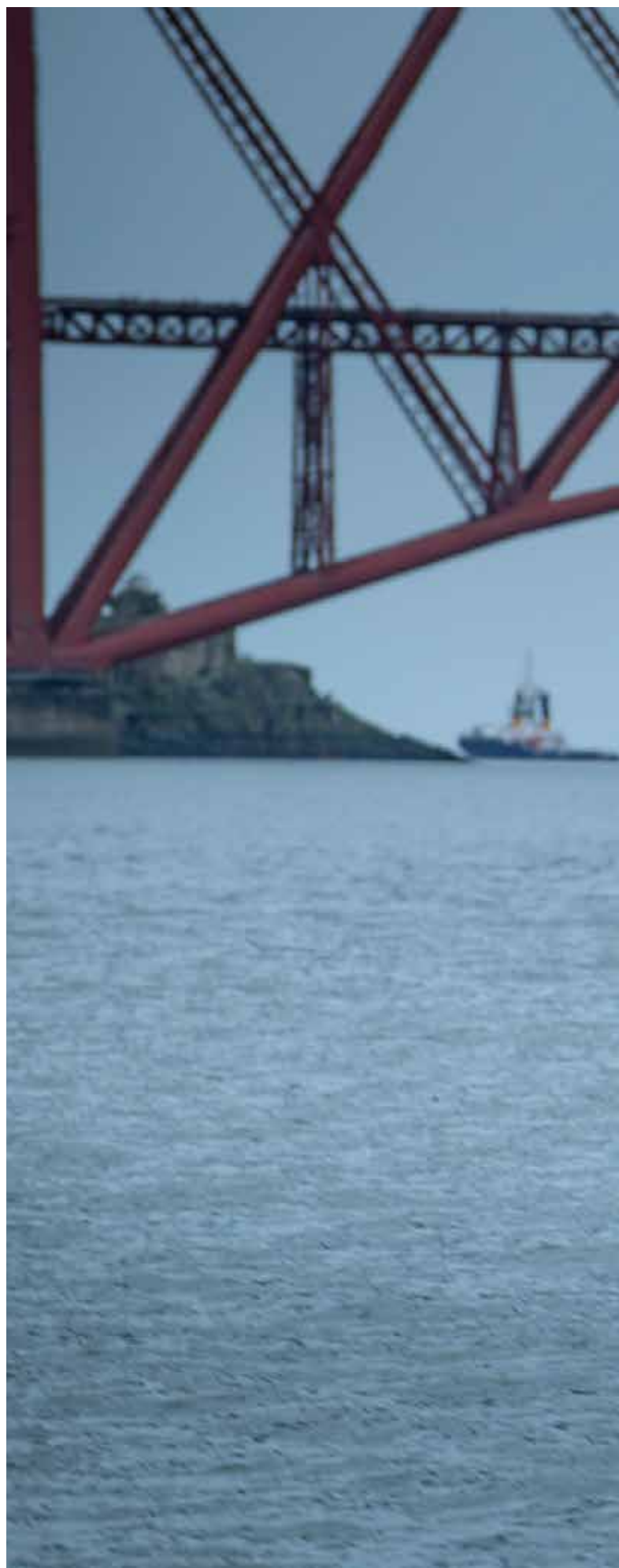
The high-pressure Deck and Keel design is built using a calculated interference-fit construction method, so when the sections are fully inflated, they lock into each other. Constructing the craft using this method provides additional strength and rigidity - enhancing performance and stability of the craft without the need for rigid components. The Deck and Keel arrangement for this craft provide a shallow V-shape hull for high-speed capability and low-speed tracking.

The craft is fitted with capsize re-right lines, and external/internal lifelines that are attached to the Sponsons together with a Deck lifeline which enables operators to adopt a low brace position during adverse operating conditions.

The Ranger Sponsons have separate air chambers with interconnecting valves between each chamber. Each chamber has inflation/deflation valves which are rated for rapid inflation using high pressure air cylinders or by using a conventional hand/foot pump. PRV's (pressure relief valves) are fitted to both the Sponsons, Keel and Deck for additional safety when inflating using compressed air cylinders.



5
YEAR
WARRANTY





IONIC Ranger Rescue Crafts



500mm / 20" Hypalon Sponsons



Inflated Keel



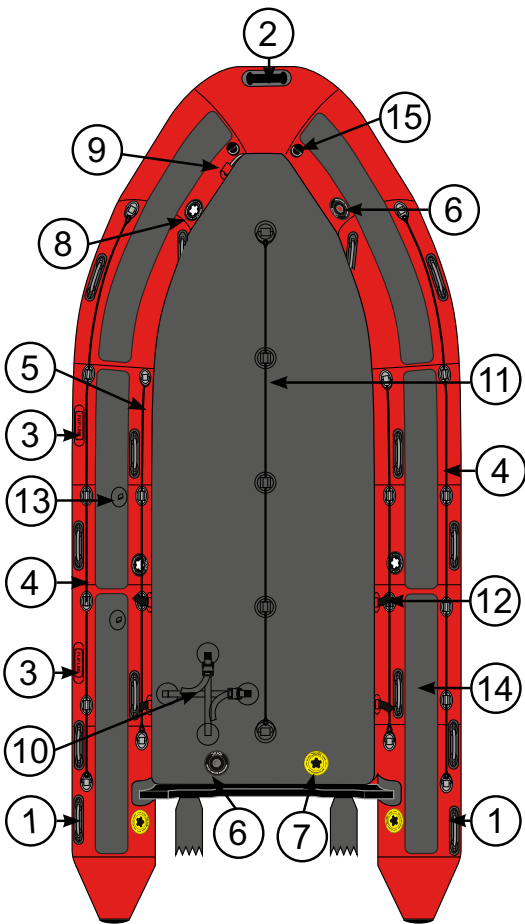
Fitted Retractable Boat Wheels Option



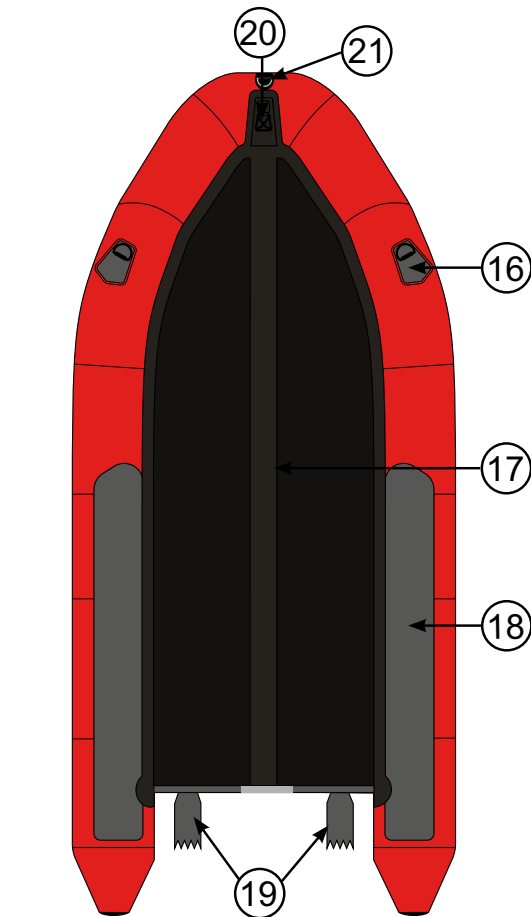
Customer Logo Option



IONIC Ranger 470 Technical Specification



Ranger 470 Features		
1	Rubber Moulded Handles	14
2	Cleat Style Handle	1
3	Capsize Re-Right Lines	2
4	External Lifelines	2
5	Internal Lifelines	2
6	Pressure Relief Valves	2
7	Inflation / Deflation Valves	3
8	Top-Up Inflation Valves	3
9	Keel Isolation Valve	1
10	Rigid Fuel Tank Securing Straps	1
11	Deck Life Line	1
12	Paddle Stowage Points	4
13	Fuel Bladder Attachment Points	2
14	Sponson Seat Patches	6
15	D-Ring Attachment Points	2



Ranger 470 Features		
16	Reinforced Towing Patches	2
17	200mm Keel Protective Strake	1
18	Underside Sponson Protection	2
19	Deck Drains	2
20	Bow Handle	1
21	D-Ring Attachment point	1

IONIC®

RANGER 470

BS ISO 6185 - 3 CATEGORY C

MAX

= 1300KG

MAX

50HP 37kW 110KG

MAX

11

TUBES

0.20 BAR
3 PSI

DECK

1.1 BAR
16 PSI

SERIAL NO

SAFGB

Manufactured in the UK by IONIC Rescue Ltd

www.ionicrescue.com

SAF38016

IONIC Ranger 470 Craft

Load Capacity

- Maximum number of persons 11
- Maximum payload including engine 1300kg

Dimensions / Weight

- Overall Length 4.7m
- Overall Width 2.2m
- Interior Length 3.4m
- Interior Width 1.2m
- Stowed Weight 95kg

Inflation

- Number of chambers in Sponsons 5
- Removable Inflatable Keel 1
- Inflatable high pressure Airdeck 1
- Total airtight chambers 7
- Sponson working pressure (stern) 5 psi
- Sponson working pressure (bow) 3 psi
- Deck working pressure 16 psi

Towing Points

- Bow Towing D-Ring Patches 3
- Transom Towing eyes 2

Valves

- Interconnecting valves on Sponsons
- Keel isolation valve
- Rapid inflation points on Sponsons & Deck
- Top-Up inflate/deflate points to Sponsons
- PRV's fitted to Sponsons, Keel & Deck

Sponsons & Deck

- 150mm (6") High pressure Airdeck
- 500mm (20") Hypalon Sponsons
- Sponsons consist of 5 chambers connected via interconnecting valves

Reinforcement

- Sponson seat patches
- Underside Sponson protection
- 110mm side Sponson protective strake
- 200mm Keel protective strake
- Transom protective plate

Transom

- 40mm heavy duty composite construction
- Aluminium outboard mounting plate
- Self-bailing deck drains
- Keel drain valve
- Towing eyes
- Engine securing point

Fabric

- Sponsons - Orca® Hypalon
- Keel - Orca® Hypalon
- Seat Patches - Orca® Hypalon
- Deck - Orca® Hypalon double skin Drop Stitch

Certification

- ISO-6185-3: 2018 Category C



IONIC Ranger can be manufactured in a range of colours and comes fitted with features shown above as standard.



IONIC Ranger 420 Technical Specification

SAF38017

IONIC Ranger 420 Craft

Load Capacity

- Maximum number of persons 8
- Maximum payload including engine 1100kg

Dimensions / Weight

- Overall Length 4.2m
- Overall Width 1.9m
- Interior Length 2.9m
- Interior Width 0.9m
- Stowed Weight 75kg

Inflation

- Number of chambers in Sponsons 3
- Removable Inflatable Keel 1
- Inflatable high pressure Airdeck 1
- Total airtight chambers 5
- Sponson working pressure (stern) 5 psi
- Sponson working pressure (bow) 4 psi
- Deck working pressure 16 psi

Towing Points

- Bow Towing D-Ring Patches 3
- Transom Towing eyes 2

Valves

- Interconnecting valves on Sponsons
- Keel isolation valve
- Rapid inflation points on Sponsons & Deck
- Top-Up inflate/deflate points to Sponsons
- PRV's fitted to Sponsons, Keel & Deck

Sponsons & Deck

- 150mm (6") High pressure Airdeck
- 500mm (20") Hypalon Sponsons
- Sponsons consist of 5 chambers connected via interconnecting valves

Reinforcement

- Sponson seat patches
- Underside Sponson protection
- 110mm side Sponson protective strake
- 200mm Keel protective strake
- Transom protective plate

Transom

- 40mm heavy duty composite construction
- Aluminium outboard mounting plate
- Self-bailing deck drains
- Keel drain valve
- Towing eyes
- Engine securing point

Fabric

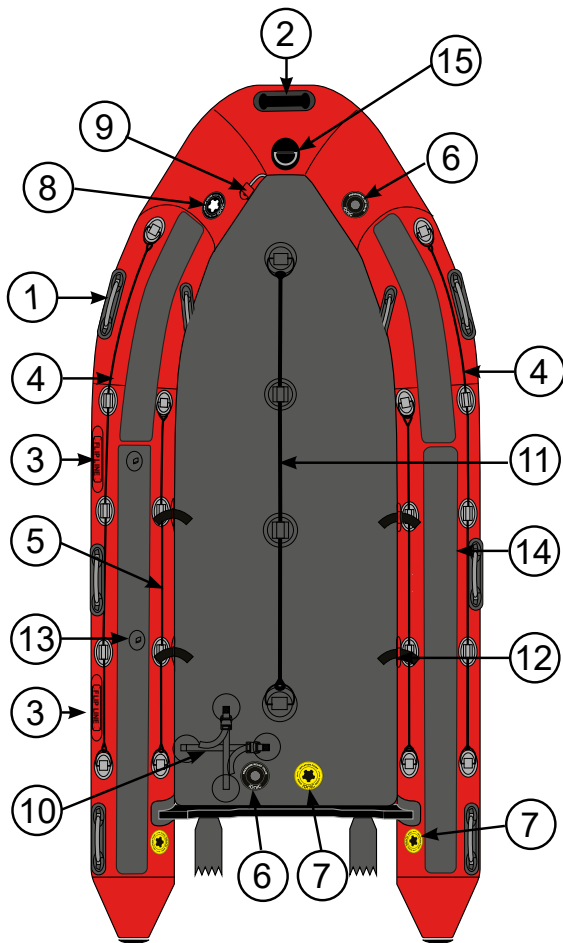
- Sponsons - Orca® Hypalon
- Keel - Orca® Hypalon
- Seat Patches - Orca® Hypalon
- Deck - Orca® Hypalon double skin Drop Stitch

Certification

- ISO-6185-3: 2018 Category C



IONIC Ranger in operation at the World Heritage Site.
The Forth Rail Bridge, Edinburgh.

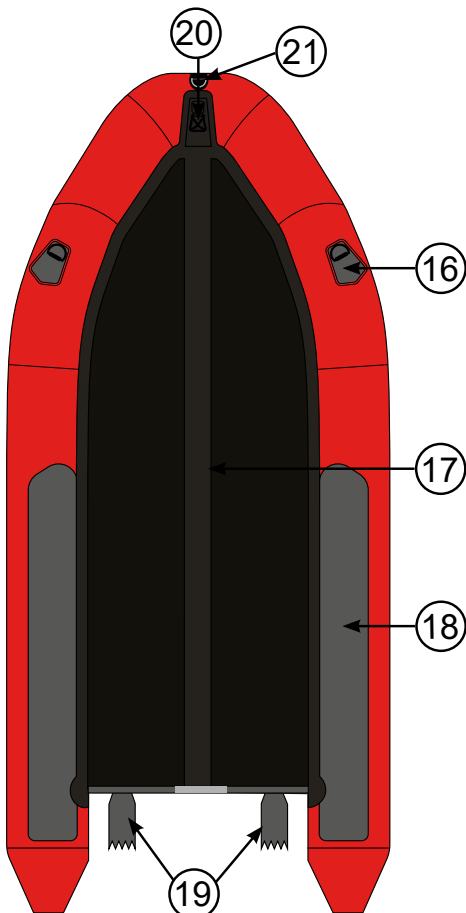


Ranger 420 Features

1	Rubber Moulded Handles	8
2	Cleat Style Handle	1
3	Capsize Re-Right Lines	2
4	External Lifelines	2
5	Internal Lifelines	2
6	Pressure Relief Valves	2
7	Inflation / Deflation Valves	3
8	Top-Up Inflation Valves	3
9	Keel Isolation Valve	1
10	Rigid Fuel Tank Securing Straps	1
11	Deck Life Line	1
12	Paddle Stowage Points	4
13	Fuel Bladder Attachment Points	2
14	Sponson Seat Patches	4
15	D-Ring Attachment Point	1

Ranger 420 Features

16	Reinforced Towing Patches	2
17	200mm Keel Protective Strake	1
18	Underside Sponson Protection	2
19	Deck Drains	2
20	Bow Handle	1
21	D-Ring Attachment point	1



IONIC®

RANGER 420

BS ISO 6185 - 3 CATEGORY C

MAX  +  +  = 1100KG

MAX  50HP 37kW 110KG

MAX  8

 0.20 BAR
TUBES 3 PSI

 1.1 BAR
DECK 16 PSI

SERIAL NO



Manufactured in the UK by IONIC Rescue Ltd
www.ionicrescue.com

IONIC Compact Inflation Kit

A versatile optional extra for all IONIC Inflatable products is the Compact Inflation Kit which was developed for use with compressed air cylinders. The inflation kit is compact for easy storage and comes supplied in its own stowage pouch.

The inflation kit comes fitted with a pre-set regulator which is suitable for both 200 & 300 din fitting coupling and is pre-set at 9.5 bar. The system is serialised for positive identification and is tested prior to supply and comes with a certificate of conformance.

The system has a 120cm EN:250 certified hose assembly which includes screw-in valve fitting and comes with a hose swivel for ease of operation. The screw valve fitting means that the inflation can be safely carried out by a single operator.



SAF38038

Compact Inflation Kit - Din Fitting



SAF38039

Compact Inflation Kit - CGA Fitting



The IONIC Transfer Sled has been purpose-built for urban flood evacuations, designed to access buildings and confined spaces where traditional boats or rafts cannot operate. Compact yet highly capable, it enables the safe transfer of injured or vulnerable casualties from flooded areas where speed and precision are essential.

Constructed from a single piece of ORCA® 4" (100mm) Drop Stitch Fabric with a durable Hypalon coating, the Transfer Sled combines exceptional strength, buoyancy, and stability in one streamlined design.

For fast deployment the sled can be inflated to full operational pressure using compressed air cylinders with the Compact Inflation Kit (SAF38038) or with the supplied hand pump. Its structural integrity under pressure makes it ideal for repeated inflation/deployment in the world's most challenging rescue situations.

A single inflation point pressurises the deck, sides, and end walls to 9psi, ensuring fast setup and outstanding stability on the water.

SAF38083

IONIC Transfer Sled

Load Capacity

- Maximum number of persons 1
- Maximum payload 160kg

Dimensions

- External Length 2.15m
- External Width 0.65m
- External Height 0.45m
- Internal Length 1.95m
- Internal Width 0.45m
- Internal Height 0.30m

Inflation

- Number of chambers 1
- Working pressure 9 psi

Towing / Tethering Points

- Front D-Ring Patches 2
- Back D-Ring Patches 2

Valves

- Rapid inflation point on sidewall of sled
- PRV's fitted to sidewall of sled

Fabric

- Constructed using Orca® 100mm (4") Hypalon coated Drop Stitch material

Packed Dimensions / Weight

- 50(l) x 40(w) x 40(h) cms
- Packed Weight 23kg



ORCA

5
YEAR
WARRANTY

MADE IN
THE UK

IONIC Rescue Sleds

The IONIC Extreme is the original rescue sled that set the benchmark for inflatable rescue platforms. Measuring 3.2m in length it remains both compact and easy to deploy, while offering the stability and versatility required for demanding water, ice and mud/soft ground rescues.

For situations where stowage space is limited, the IONIC Extreme Duo offers the same features and reliability in a shorter 2.2m version.

Both models are designed for rapid deployment, capable of being inflated to operational pressure via high-pressure air cylinders with the IONIC Compact Inflation Kit (SAF38038), or by using a conventional hand/foot pump.

SAF38060

IONIC Extreme Duo Sled

Load Capacity

- Maximum number of persons 3
- Maximum payload 300kg

Dimensions / Weight

- External Length 2.2m
- External Width 1.1m
- Internal Floor length 2.2m
- Internal Floor Width 0.7m

Inflation

- Number of chambers in Sponsons 1
- Inflatable high pressure Deck 1
- Total airtight chambers 2
- Sponson working pressure 3 psi
- Deck working pressure 9 psi

Towing / Tethering Points

- Bow D-Ring Patches 3
- Stern D-Ring Patches 2

Sponsons & Deck

- 150mm (6") High pressure Deck
- 200mm (8") diameter Hypalon Sponsons
- Sponsons consist of 1 airtight chambers

Valves

- Rapid inflation points on Sponsons & Deck
- PRV's fitted to Sponsons & Deck

Fabric

- Sponsons - ORCA® Hypalon
- Deck - ORCA® Drop Stitch Deck

Packed Dimensions / Weight

- 70(l) x 30(w) x 35(h) cms
- Packed Weight 17kg

SAF38040

IONIC Extreme Sled

Load Capacity

- Maximum number of persons 4
- Maximum payload 400kg

Dimensions / Weight

- Overall Length 3.2m
- Overall Width 1.1m
- Internal Deck Length 2.9m
- Internal Deck Width 0.7m

Inflation

- Number of chambers in Sponsons 1
- Inflatable high pressure Deck 1
- Total airtight chambers 2
- Sponson working pressure 3 psi
- Deck working pressure 9 psi

Towing / Tethering Points

- Bow D-Ring Patches 3
- Stern D-Ring Patches 2

Sponsons & Deck

- 150mm (6") High pressure Deck
- 200mm (8") diameter Hypalon Sponsons
- Sponsons consist of 1 airtight chambers

Valves

- Rapid inflation points on Sponsons & Deck
- PRV's fitted to Sponsons & Deck

Fabric

- Sponsons - ORCA® Hypalon
- Deck - ORCA® Drop Stitch Deck

Packed Dimensions / Weight

- 80(l) x 50(w) x 30(h) cms
- Packed Weight 21kg

SAF38060

IONIC Extreme Duo Sled



IONIC Duo Sled
attached to a RWC
for rescue operations.



SAF38040

IONIC Extreme Sled



ORCA

5
YEAR
WARRANTY

MADE IN
THE UK

IONIC Rescue Sleds

The IONIC Titan Sled is engineered for demanding rescue operations and is constructed from premium ORCA® Hypalon, ensuring exceptional durability, performance, and reliability. Unlike PVC imitations all IONIC inflatables are backed by a 5-year warranty covering both materials and construction.

Designed to excel in water, mud, and ice rescues, the Titan features high-volume sponsons that deliver superior buoyancy and stability. Its raised bow improves performance in swift-water conditions, helping rescuers operate safely by minimising the risk of water swamping.

Spacious and versatile, the Titan is designed to carry two rescuers, yet its robust construction can safely accommodate up to five people when required.

For fast deployment the sled can be inflated to full operational pressure using compressed air cylinders with the Compact Inflation Kit (SAF38038) or with the supplied hand pump. Its structural integrity under pressure makes it ideal for repeated inflation/deployment in the world's most challenging rescue situations.

With its rugged construction, and rescue-focused design, the IONIC Titan Sled is the ultimate solution for teams working in the world's toughest environments.



ORCA

5
YEAR
WARRANTY

MADE IN
THE UK

SAF38070

IONIC Titan Sled

Load Capacity

- Maximum number of persons 5
- Maximum payload 500kg

Dimensions

- Overall Length 3.7m
- Overall Width 1.2m
- Internal Deck Length 3.5m
- Length of extended Deck section 0.45m
- Internal Deck Width 0.7m

Towing / Tethering Points

- Bow D-Ring Patches 3
- Stern D-Ring Patches 2

Valves

- Rapid inflation points on Sponsons & Deck
- PRV's fitted to Sponsons & Deck

Inflation

- Number of chambers in Sponsons 2
- Inflatable high pressure Deck 1
- Total airtight chambers 3
- Sponson working pressure 3 psi
- Deck working pressure 9 psi

Sponsons & Deck

- 150mm (6") High pressure Deck
- 250mm (10") diameter Hypalon Sponsons
- Sponsons consist of 2 air tight chambers

Fabric

- Sponsons - ORCA® Hypalon
- Deck - ORCA® Drop Stitch Deck

Packed Dimensions / Weight

- 80(l) x 70(w) x 40(h) cms
- Packed Weight 25kg



IONIC Titan Sled is a class apart in Rescue Sleds. The ORCA Drop Stitch Deck provides unrivalled buoyancy.



IONIC Rescue Sleds

The IONIC Titan XL Sled is a high-capacity evolution of our renowned Titan Sled, trusted by rescue organisations worldwide. Engineered for demanding rescue operations, it is built from premium ORCA® Hypalon, ensuring exceptional durability, performance, and reliability, all backed by a 5-year warranty covering both materials and construction.

Designed to excel in water, mud, and ice rescues, the Titan XL features oversized, high-volume sponsons that deliver superior buoyancy and stability. Its raised bow improves performance in swift-water conditions, helping rescuers operate safely by minimising the risk of water swamping.

Spacious and versatile, the Titan XL is designed to carry two rescuers and one casualty, yet its robust construction can safely accommodate up to eight people when required.

For safety and reliability, the sled is built with three independent air chambers for the sponsons and one for the deck, with interconnecting valves and individual inflation/deflation points.

For fast deployment the sled can be inflated to full operational pressure using compressed air cylinders with the Compact Inflation Kit (SAF38038) or with the supplied hand pump. Its structural integrity under pressure makes it ideal for repeated inflation/deployment in the world's most challenging rescue situations.

With its larger capacity, rugged construction, and rescue-focused design, the IONIC Titan XL Sled is the ultimate solution for teams working in the world's toughest environments.



Optional Transom Flap
Allows the sled to have a
concealed dry deck area



ORCA

5
YEAR
WARRANTY

MADE IN
THE UK

SAF38086

IONIC Titan XL Sled

Load Capacity

- Maximum number of persons 8
- Maximum payload 800kg

Dimensions / Weight

- Overall Length 3.7m
- Overall Width 1.9m
- Internal Deck Length 3.3m
- Internal Deck Width 1m

Towing / Tethering Points

- Bow D-Ring Patches 3
- Stern D-Ring Patches 2

Valves

- Rapid inflation points on Sponsons & Deck
- PRV's fitted to Sponsons & Deck

Inflation

- Number of chambers in Sponsons 3
- Inflatable high pressure Deck 1
- Total Airtight chambers 4
- Sponson working pressure 3 psi
- Deck working pressure 9 psi

Sponsons & Deck

- 150mm (6") High pressure Deck
- 500mm (19") diameter Hypalon Sponsons

Fabric

- Sponsons - ORCA® Hypalon
- Deck - ORCA® Drop Stitch Deck

Packed Dimensions / Weight

- 90(l) x 80(w) x 50(h) cms
- Packed Weight 39kg



IONIC Explorer Sled

The IONIC Explorer Sled is purpose-built for high-risk rescues in fast-moving water, weirs, ice, and soft ground environments. Its extended sponsons at both ends provide exceptional stability and increased casualty capacity, ensuring rescuers can operate safely even in turbulent or unstable conditions.

Designed for versatility, the Explorer Sled allows teams to confidently reach casualties across ice or water. Rescuers can carry the sled to the edge, step into it, and move across ice while staying protected from fractures or sudden immersion. When needed, two rescue technicians can paddle it through open water or across broken ice, delivering flexibility across multiple rescue scenarios.

Durability is at the heart of the Explorer. Constructed from premium Orca® Hypalon fabric, it outperforms traditional PVC in the harshest environments. Hypalon's superior resistance to abrasion, extreme temperatures, and UV degradation ensures long service life and dependable performance, even in sub-zero conditions where PVC may become brittle and crack.

For fast deployment the sled can be inflated to full operational pressure using compressed air cylinders with the Compact Inflation Kit (SAF38038) or with the supplied hand pump. Its structural integrity under pressure makes it ideal for repeated inflation/deployment in the world's most challenging rescue situations.

With its enhanced stability, rugged construction, and rescue-focused design, the IONIC Explorer Sled empowers teams to save lives safely, swiftly, and with confidence.



ORCA 5 YEAR WARRANTY
MADE IN THE UK

SAF38071

IONIC Explorer Sled

Load Capacity

- Maximum number of persons 4
- Maximum payload 400kg

Dimensions

- Overall Length 4.4m
- Overall Width 1.2m
- Deck Length 2.3m
- Internal Deck Width 0.7m

Towing / Tethering Points

- Bow D-Ring Patches 2
- Stern D-Ring Patches 2

Valves

- Rapid inflation points on Sponsons & Deck
- PRV's fitted to Sponsons & Deck

Inflation

- Number of chambers in Sponsons 2
- Inflatable high pressure Deck 1
- Total airtight chambers 3
- Sponson working pressure 3 psi
- Deck working pressure 9 psi

Sponsons & Deck

- 150mm (6") High pressure Deck
- 250mm (10") diameter Hypalon Sponsons
- Sponsons consist of 1 air tight chambers

Fabric

- Sponsons - Orca® Hypalon
- Deck - Orca® Drop Stitch Deck

Packed Dimensions / Weight

- 80(l) x 70(w) x 40(h) cms
- Packed Weight 25kg



IONIC Explorer Sled is the perfect companion for Ice Rescue.



IONIC Rescue Rafts

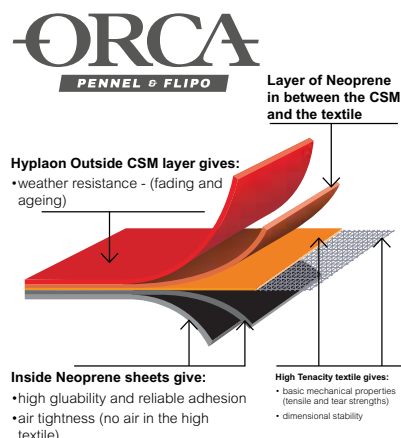
The IONIC Urban Raft has been purpose-designed for urban flood evacuations, where compact size and manoeuvrability are essential in built-up environments. With a capacity for up to 8 people and buoyancy exceeding 1000kg, its oversized sponsons deliver outstanding stability and safety during critical operations.

Versatile and dependable, the Urban Raft can be paddled in swift water, tethered, or used in wading evacuations, giving rescue teams flexibility across diverse flood scenarios.

The raft is fully equipped with internal and external lifelines, protective sponson patches, and 10 tethering points (four on each side, plus one at each end) for secure handling in dynamic conditions.

For fast deployment the sled can be inflated to full operational pressure using compressed air cylinders with the Compact Inflation Kit (SAF38038) or with the supplied hand pump. Its structural integrity under pressure makes it ideal for repeated inflation/deployment in the world's most challenging rescue situations.

Built tough for urban emergencies, the IONIC Urban Raft ensures rapid, safe, and reliable evacuations when every second counts.



Urban Raft Optional Extras



Centre Cross Tube



Self-Bailing Floor



Laser-Cut Logo

SAF38056 IONIC Urban Raft

Load Capacity

- Maximum number of persons 8
- Maximum payload 1000kg

Dimensions / Weight

- Overall Length 3.7m
- Overall Width 1.7m
- Internal Deck Length 2.4m
- Internal Deck Width 0.7m
- Packed Weight 44kg

Towing / Tethering Points

- Bow D-Ring Patches 5
- Stern D-Ring Patches 5

Valves

- Rapid inflation points on Sponsons & Deck
- PRV's fitted to Sponsons & Deck

Inflation

- Number of chambers in Sponsons 4
- Inflatable high pressure Deck 1
- Total airtight chambers 5
- Sponson working pressure 3 psi
- Deck working pressure 9 psi

Sponsons & Deck

- 150mm (6") High pressure Deck
- 500mm (19") diameter Hypalon Sponsons
- Sponsons consist of 4 air tight chambers

Fabric

- Sponsons - Orca® Hypalon
- Deck - Orca® Drop Stitch Deck
- Seat Patches - Orca® Hypalon

Packed Dimensions / Weight

- 80(l) x 60(w) x 50(h) cms
- Packed Weight 45kg



IONIC Urban Raft in operation
at the Falls of Leny, Scotland!



IONIC Rescue Paths

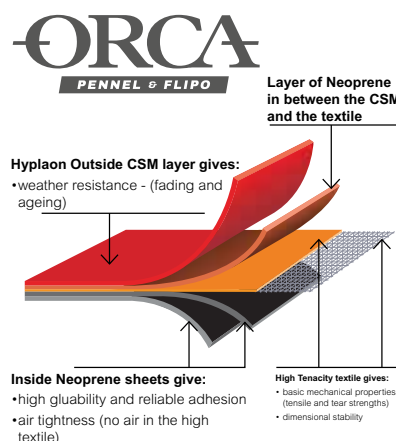
The IONIC Rescue Path has been designed to provide a safe, stable platform for reaching casualties in water, mud, ice, and unstable terrain where direct access is difficult or hazardous. It is also highly effective in animal rescue scenarios, offering rescuers versatility across multiple environments.

Manufactured from 150mm ORCA® Drop Stitch Fabric, the Rescue Path delivers outstanding rigidity when inflated to 9psi. Its concave deck design minimises friction and suction, particularly on mud, while the Hypalon-coated surface adds superior durability, abrasion resistance, and protection against UV degradation.

Available in lengths from 2m to 5m, the Rescue Path is fitted with D-ring attachment points at each end. This allows multiple paths to be securely connected together or “piggy-backed” to extend reach when casualties are located further from safety.

For fast deployment the sled can be inflated to full operational pressure using compressed air cylinders with the Compact Inflation Kit (SAF38038) or with the supplied hand pump. Its structural integrity under pressure makes it ideal for repeated inflation/deployment in the world’s most challenging rescue situations.

Robust, modular, and quick to deploy, the IONIC Rescue Path ensures rescue teams can safely access casualties in the most challenging conditions.



ORCA **5** YEAR WARRANTY

MADE IN
THE UK

SAF38050 - 2m Rescue Path

SAF38051 - 3m Rescue Path

SAF38002 - 5m Rescue Path

Features

- Extremely durable for a long service life
- Hypalon coated non-slip surface
- Single point inflation ensures a quick and easy deployment.
- Rescue Paths can be connected both side-on-side and length-on-length to create a bigger working platform
- Lifelines are fitted to both sides of the Path
- 4 x D-Ring tethering points

Technical Data	2M	3M	5M
Product Code	SAF38050	SAF38051	SAF38002
Length (cm)	200cm	300cm	500cm
Width (cm)	140cm	140cm	140cm
Height (cm)	25cm	25cm	25cm
Air Volume (ltr)	450	680	1150
Capacity (kg)	200	300	500
Packed Dimensions (cm)	80 x 30 x 30	80 x 40 x 40	60 x 50 x 50
Packed Weight (kg)	18	22	32



IONIC Rescue Paths are perfect for work on unstable terrain.



IONIC Rescue Tracks

The IONIC Rescue Track is purpose-built to provide a safe, stable platform for reaching casualties in water, mud, ice, and unstable terrain where direct access is difficult or unsafe. It is equally effective for animal rescues, offering a secure solution in challenging environments.

Its catamaran-style design, with twin Sponsons running the full length of the underside, reduces friction and suction, particularly on mud, making it easier to manoeuvre during extractions.

Constructed from premium ORCA® Drop Stitch fabric (150mm for the deck and 100mm for the Sponsons), the Rescue Track inflates to 9psi for outstanding rigidity. A Hypalon-coated deck further enhances durability, abrasion resistance, and UV protection - ensuring reliable performance in repeated deployments.

The Rescue Track is available in sizes 2m to 5m, and features D-ring connection points at each end. These allow multiple tracks to be joined together or “piggy-backed” to safely reach casualties located further from safety.

For fast deployment the sled can be inflated to full operational pressure using compressed air cylinders with the Compact Inflation Kit (SAF38038) or with the supplied hand pump. Its structural integrity under pressure makes it ideal for repeated inflation/deployment in the world’s most challenging rescue situations

With its modular design, rugged construction, and adaptability, the IONIC Rescue Track is a vital tool for rescue teams working across varied and unpredictable environments.



ORCA 5 YEAR WARRANTY
MADE IN THE UK



SAF38062 - 2m Rescue Track

SAF38065 - 3m Rescue Track

SAF38061 - 5m Rescue Track

Features

- Extremely durable for a long service life
- Hypalon coated non-slip surface
- Single point inflation ensures a quick and easy deployment.
- Rescue Tracks can be connected both side-on-side and length-on-length to create a bigger working platform
- Lifelines are fitted to both sides of Track
- Tethering points are fitted to the end of Track
- One stowage pocket fitted on side of Track

Valves

- Interconnecting valves connecting Air Deck and Sponsons can be turned to the closed position isolating the Airdeck from the Sponsons
- Single point rapid inflation
- PRV fitted to Airdeck

Sponsons & Deck

- 150mm (6") High pressure Airdeck
- 100mm (4") High pressure Sponsons
- Sponsons connected to the Airdeck via interconnecting valves

Inflation

- Number of chambers 3
- Inflatable high pressure Airdeck 1
- Inflatable Sponsons 2
- Track working pressure 9 psi

Technical Data	2M	3M	5M
Product Code	SAF38062	SAF38065	SAF38061
Length (cm)	200cm	300cm	500cm
Width (cm)	140cm	140cm	140cm
Height (cm)	25cm	25cm	25cm
Air Volume (ltr)	650	1000	1600
Capacity (kg)	200	300	500
Packed Dimensions (cm)	80 x 50 x 25	90 x 45 x 30	90 x 50 x 30
Packed Weight (kg)	17	25	43





K6121100

Scoprega Aluminium Hand Pump

This model represents a new generation of environmentally friendly hand pumps suitable for IONIC inflatable products. The exclusive design guarantees high efficiency and ease of use.

The pump comes fitted with a Leaffield adapter suitable for all inflatables with Leafied inflate/deflate valves.

- Capacity: 2 x 2000cc
- Max Pressure: 2 Bar (29 psi)
- Inflate mode: Double or single action
- Dimensions: 14 x 30 x 65 cm
- Suitable for all IONIC inflatables



SAF39016 - Folding Grapnel Anchor

- 2m galvanised chain
- 10m x 10mm polypropylene rope
- Stainless steel swivel fittings
- Stainless steel carbine hooks

SAF39019 - Mako Canoe Paddle

- P/P blades on a black anodised aluminium shaft
- Tough heat-shrink sleeve
- T-Grip handle
- Length: 155cm



SAF39021 - Emergency Paddle

- Telescopic Hi-Vis emergency paddle
- Length: 53cm - 105cm
- Compact for easy stowage
- Floats if dropped in water



SAF39026 - Moray Kayak Paddle

- 2-Piece kayak paddle which can be feathered RH / LH
- 30mm black anodised shaft
- Weight: 1058gm
- Length: 215cm



MZ18279 - Navisafe Dingy Complete

The Navisafe Dinghy Complete set is the perfect solution for all IONIC inflatables where navigation lights are required.

Set includes: Navilight 360 All round white light, 4-piece pole, Navimount vertical mount, Navilight Tricolour light with base, Rib mount and stowage bag

- Light Visibility: 2 nautical miles
- Suitable for vessels up to 12m
- Suitable to be fitted to IONIC boats
- Dimensions: 14 x 30 x 65 cm
- Suitable for all IONIC inflatables



SAF38084 - IONIC Ranger PVC Boat Cover

Protect your IONIC Ranger 470 with this durable PVC boat cover, purpose-designed for a secure, tailored fit. Made from heavy-duty marine-grade PVC, it provides reliable protection against rain, UV rays, dirt, and environmental wear, helping preserve your boat's condition during storage or transport.

Reinforced seams and secure fastening points ensure stability while the waterproof, low-maintenance material offers long-lasting performance. Ideal for trailering or mooring, this cover keeps your Ranger 470 clean, protected, and ready for use.

SAF39036 - IONIC Boatmaster Retractable Launching Wheels

The IONIC launching wheels are designed to be fitted to the transom of the Ranger Crafts. They are low profile in design but also offer a durable pneumatic wheel that is capable of handling a variety of terrain. They are designed not to interfere with the outboard motor and when the boat is in use on the water the wheels retract fully and are above the waterline.

A set of launching wheels comprises of:

- 2x launching wheels
- Stainless steel nyloc nuts
- 6mm fixing bolts
- Stainless steel washers





TOHATSU

Feel the Wind™



Product Code	Description	Weight
M25H	Tohatsu 25hp 2-Stroke Engine	51kg
M30H	Tohatsu 30hp 2-Stroke Engine	51kg
M40D2	Tohatsu 40hp 2-Stroke Engine	72kg
M50D2	Tohatsu 50hp 2-Stroke Engine	72kg

Tohatsu 2-stroke engines have a well-earned reputation for incredible horsepower-to-weight ratios and unprecedented reliability, all at manageable weights.

Tohatsu 2-stroke engines come in both long and short-shaft options. For these factors the Tohatsu range of engines have been the preferred option for the emergency services.

These engines will give you performance and reliability for the long days in training or operating in rescue scenarios.

Tohatsu Engine Optional Extras



SAF39030
Outboard Carry
Handles (Pair)



SAF39031
Outboard Engine
Cow-Handle



PPROP
11" Plastic Prop
Guard



SSPROP
Stainless Steel
Guard

SAF38046

Outboard Engine Trolley

- Manufactured using box section steel
- Can be folded for easy storage
- Black powder-coated
- 30cm diameter wheel with pneumatic wheels
- Suitable for long and short shaft engines
- Max load 80kg
- Weight 14kg

Dimensions:

- Height - 107cm
- Width - 62cm
- Length - 90cm



SAF39000 - 20L Flexi Fuel Tank

The NAUTA® flexible fuel tanks provide many advantages over rigid tanks and therefore have become very popular with Emergency Service Operators.

Each of these tanks use an extremely rugged 935-dex nylon fabric, coated on both sides with a neoprene / nitrile compound. Heavily lapped seams are inside-reinforced with a “doubler” to provide extra strength.

All NAUTA® tanks are vulcanised to assure leak-proof panels and seams for years of trouble-free service.

All are covered by a 12-month warranty.

SAF39039 - 25/30HP Engine Covers

SAF39040 - 40/50HP Engine Covers

- Manufactured in polyester fabric
- Suitable for Mercury, Mariner and Tohatsu 2-Stroke engines
- Customer logo printing available



Inflatable Boat Trailers

The IONIC trailer is specifically designed for inflatable boats. These trailers are fully galvanised ensuring that they are rust and corrosion resistant. Manufactured here in the UK, all trailers are built to order and we can modify and manufacture trailers to your specific needs.

Manufactured in the UK where we hold stock of all component parts ensuring that any damaged parts can be replaced promptly ensuring that the trailer is back fully operational in the shortest space of time.

TL400 - Inflatable Boat Trailer up to 5m

- Fully galvanised 80 x 40mm steel drawbar chassis
- Unbraked 500kg axle with sealed for life bearings and 4 x 100mm PCD
- 750kg Alko coupling
- Secondary wire security coupling
- Wheels 500x10 max load 1000kg with 8 ply tyres
- Spare wheel cover
- Spare wheel mounting bracket
- Adjustable snubber mounted on adjustable winch post
- Dutton Lainsen DL1100 triple plated winch with gear cover
- 2 x adjustable keel support pads
- Adjustable carpeted keel and transom support
- 2 x 1800mm carpeted bunk supports
- 4 x Docking support arms
- Heavy-duty Kartt 48mm jockey wheel and cast clamp
- Alko heavy-duty plastic mudguards with spray suppression flaps
- 4 x tie-down rings
- Outboard engine support bar
- Waterproof disconnect plug for light board
- Dimensions: Length 4.7m Width 1.7m
- Gross Trailer Weight 500kg
- The max allowed weight including load capacity: 350kg
- Adjustable light board rails and 6ft light board with outer marker lights & securing straps
- Trailer reflector markers
- Number plate holder
- 2 x Wheel chocks and stowage holders
- 2 x Ratchet tie-down straps



Powered Craft Response Package Solutions:

At IONIC Rescue, we are committed to providing high-quality powered inflatable boat packages. With years of experience executing boat contracts, we specialise in supplying robust hypalon crafts, outboard engines and trailers designed to excel in critical rescue missions.

Whether it is for Swift Water Rescue, Flood Response or other emergency operations our complete package solution ensures that first responders are equipped with the best to save lives.

The IONIC Ranger crafts are designed for durability and ease of use, ensuring rapid deployment even in the most challenging of conditions. Built from military-grade materials, our crafts are highly resistant to punctures and abrasions, making them ideal for rough waters, urban flood zones or swift river rescues. The crafts can be rolled into a carry valise for easy stowage or remain permanently mounted on the trailers.

To complement our inflatable boats, we offer high quality outboard engines from Tohatsu. These deliver reliable, high performance power whether it's for quick navigation or sustained operation during long missions. Tohatsu engines are engineered to handle the toughest environments. With features such as fuel efficiency, ease of maintenance, and superior manoeuvrability, they ensure that rescue teams can depend on them during time-sensitive operations.

Our trailer solutions are custom-designed for efficient transport of both boats and engines. Built to be rugged and durable, our trailers are equipped with features like easy loading/unloading systems, strong suspension, and corrosion-resistant finishes, ensuring they can withstand the wear and tear of emergency response situations.

At IONIC Rescue, we understand the critical role of emergency responders. That's why we are dedicated to supplying top-of-the-line package solutions to ensure safety, reliability, and performance when it matters most.

At the point of delivery our trained staff will accompany the equipment onto site to ensure that all products supplied are set up in accordance with manufacturer's guidelines. We will complete a full handover, including product training and care/maintenance.

Contact us today to learn how we can support your organisation with our one stop service!



IONIC Rescue supplied the Scottish Fire & Rescue Service with 24 Boat Packages including Ranger 470 Crafts, Outboards, Trailers and other accessory items.





Specialist Rescue Equipment by Professionals for Professionals

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