

 **FERNO[®]**

FOCUS

A curated selection of solutions for your industry segment

WATER RESCUE



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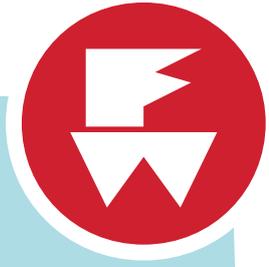


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IONIC FABRIC TECHNOLOGY



Hydratec 200 is a high performance breathable trilaminate fabric which is both lightweight and flexible. It is designed for those requiring added comfort and greater flexibility when worn for long periods. To increase the durability of the breathable fabric, all Cyclone drysuits are sewn with Cordura® reinforcement panels in key areas of wear on the suit.



Cordura® 500D and 1000D fabric is used on all reinforcement panels sewn to Cyclone drysuits and provides unparalleled protection against abrasion, puncture and tear. Cordura® is a finely woven fabric which makes it easier to clean or decontaminate after use while also reducing the risk of dirt or contaminants becoming ingrained into the fabric.



BTR480 is Safequip's proprietary developed butyl trilaminate fabric which has been tested and used in IONIC drysuits for many years. The fabric is both hard wearing and durable yet soft to wear. Its fine weave reduces the risk of dirt and contaminants becoming ingrained into the drysuit. The overall weight of the fabric is 480 gsm providing excellent protection without compromising on comfort.



Heavy duty UV-protected latex seals are used in the construction of Cyclone drysuits. These provide the best seal against water ingress and can be trimmed to suit the wearer for improved comfort. Three-dimensional latex socks deliver comfort and durability to a potentially vulnerable area of a drysuit.



YKK's Aquaseal® zip has a soft, smooth feel and more flexibility than the metal dive zip equivalents. Its film-coated tape and innovative zipper element mechanism offers optimum protection.



Superstretch Neoprene cuff and neck seals are fitted as an option to the Cyclone drysuits. The skin-side of the seals feature Glideskin which makes the seals easier to don and doff.

SIZING CHART THERMAL GARMENTS

SIZES	UOM	SMALL	MEDIUM	MEDIUM LARGE	MEDIUM BROAD	LARGE	XL	XXL	XXXL
Height	ft / in	5'5" - 5'8"	5'7" - 5'10"	5'10" - 6'1"	5'7" - 5'10"	5'11" - 6'2"	6' - 6'3"	6'1" - 6'4"	6'3" - 6'6"
	cm	162 - 170	168 - 175	175 - 182	168 - 175	178 - 185	180 - 187	182 - 190	188 - 195
Weight	lbs	135 - 155	150 - 175	170 - 195	200 - 230	180 - 205	200 - 230	220 - 250	245 - 275
	kg	61 - 70	68 - 80	77 - 89	91 - 105	82 - 93	91 - 105	100 - 114	111 - 126
Chest	in	34 - 37	37 - 39	38 - 42	42 - 46	40 - 44	42 - 46	44 - 48	46 - 50
	cm	85 - 93	93 - 98	95 - 105	105 - 115	100 - 110	105 - 115	110 - 120	115 - 125
Waist	in	28 - 31	29 - 33	32 - 36	37 - 40	34 - 37	37 - 40	39 - 43	42 - 45
	cm	70 - 78	73 - 83	80 - 90	93 - 100	85 - 93	93 - 100	98 - 108	105 - 113
Hips	in	34 - 37	37 - 39	38 - 42	43 - 47	40 - 44	43 - 47	45 - 49	47 - 51
	cm	85 - 93	93 - 98	95 - 105	108 - 118	100 - 110	108 - 118	113 - 123	118 - 128
Inseam	in	26 - 28	28 - 30	29 - 31	28 - 30	30 - 32	31 - 33	32 - 34	33 - 36
	cm	65 - 70	70 - 75	73 - 78	70 - 75	75 - 80	78 - 83	80 - 85	83 - 90

SIZING CHART FOOTWEAR

UK	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13
EURO	36	37	38	39	40	41	42	43	44	45	46	47	48
US	4	5	6	7	7.5	8	9	10	11	11.5	12	13	14

SIZING CHART THERMACORE QUAD

SIZES	UOM	XS/S	M/ML	L/XL	XXL/XXXL
Height	ft / in	5'2" - 5'8"	5'7" - 5'10"	5'10" - 6'1"	6'2" - 6'7"
	cm	162 - 170	168 - 175	175 - 182	185 - 197
Chest	in	34 - 38	36 - 40	38 - 42	44 - 50
	cm	86 - 97	91 - 102	95 - 105	110 - 125
Waist	in	28 - 32	30 - 34	32 - 36	40 - 48
	cm	71 - 81	76 - 86	80 - 90	100 - 120

UNISEX SIZING CHART **CYCLONE PRO R1 DRYSUIT**

SIZES	UOM	X-SMALL	SMALL	MEDIUM	MEDIU MLARGE	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	

- **CHEST:** The maximum horizontal girth measured under the arm pits and over the shoulder blades and chest while standing upright.
- **WAIST:** The girth of the natural waistline between the top of the hip bones and lower ribs. Measure while the person is breathing normally and standing upright with the abdomen relaxed.
- **HIP:** The horizontal girth measured around the buttocks at the level of the widest point / maximum circumference.
- **HEIGHT:** The vertical distance between the top of the head and soles of the feet without shoes. Measure with feet together.
- **INSEAM:** The distance between the crotch and the ankle bone measured in a straight line. Ensure the person is standing upright with bare feet slightly apart.

WOMEN'S SIZING CHART **CYCLONE PRO R1 DRYSUIT**

SIZES	UOM	UK 6 XX-SMALL	UK 8 X-SMALL	UK 10 SMALL	UK 12 MEDIUM	UK 14 MED/LGE	UK 16 LARGE	UK 18 X-LARGE	UK 20 2X-LARGE	UK 22 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 - 180
	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

The Cyclone PRO R1 drysuit with latex seals has been designed for use where durability and performance is required. The PRO R1 has been chosen by many Emergency Services for its comfort, fit and extreme durability.

IONIC[®] CYCLONE PRO R1 DRYSUIT

The PRO R1 is one of Safequip's flagship drysuits.

Manufactured from BTR480 trilaminate fabric, the front entry drysuit incorporates a waterproof rubber butyl membrane laminated between an inner and outer layer of polyester.

The fabric provides excellent protection against abrasion, puncture and tear while remaining lightweight and soft to the touch thus ensuring wearer comfort during long periods of operational use.

The PRO R1 is available in a staggering 19 standard size options to accommodate personnel from 158 cm to 198 cm including three leg lengths from size Large onwards.

The PRO R1 is available in three main styles in a choice of latex or neoprene seals. All suits carry a three year warranty.

PRO R1 Plus SQ-SAF10020

The new Plus version has the same features as the unisex PRO R1 drysuit with the addition of a YKK Aquaseal[®] convenience zipper.

The PRO R1 Plus is fitted with breathable fabric socks as standard along with super stretch neoprene neck and cuff seals.



YKK Aquaseal convenience zip



Breathable fabric socks



CODE	DESCRIPTION	PAGE
SQ-SAF10020	PRO R1 Plus - Men's drysuit with convenience zip (neoprene neck & cuffs)	6
SQ-SAF10026	PRO R1 - Unisex drysuit with latex seals	7
SQ-SAF10078	PRO R1 - Ladies drysuit with drop seat	8



PRO R1 Drysuit

SQ-SAF10026 - Latex
SQ-SAF10025 - Neoprene



Quick disconnect adjustable braces inside (not visible in photo)

360° Reflective strips on lower arms (40 mm wide)

Latex cuff seal

Bellows pocket with internal gear loop and Velcro closure

Cordura® 500D knee reinforcement panels

Heavy duty 3 dimensional latex socks

Latex neck seal

Front entry design with YKK Aquaseal dryzip and protective zip cover

Elasticated back waist panel (not visible in photo)

Cordura 500D curved rear seat reinforcement panels (not visible in photo)

Drysuit top and trouser manufactured with BTR480 trilaminate fabric

360° reflective strips located below the knee reinforcement panel

Protective ankle gaiters



LATEX HD

CORDURA®



PRO R1 Ladies SQ-SAF10078 (Latex with Drop Seat)



Curved YKK Aquaseal convenience zip



Easy open / close drop seat



Spacious pocket and gear loop

In recognition of female rescue operatives, a women's version of the Cyclone PRO R1 is now available.

Constructed with the same materials and features as the regular unisex PRO R1 drysuit, the female PRO R1 drysuit is cut with a contoured hip pattern and shorter arm and leg lengths to ensure an optimal fit.

A curved drop seat option provides convenient comfort without needing to take off all layers. A new curved waterproof zip by Aquaseal ensures the drop seat is dry while remaining easy to open and close.

Key Features

- Latex or neoprene neck and cuff option
- Heavy duty 3D latex socks
- Diagonal front entry design
- 360° Reflective markings on sleeve and legs
- Cordura reinforcement panels on seat and knee for added durability
- YKK Aquaseal zips
- Quick disconnect internal braces
- Protective ankle gaiter
- Elasticated waist for a comfortable fit
- Bellows pocket on leg with Velcro closure and gear loop
- 3 Year warranty
- Women's sizes: UK 6 (XX-Small) to UK 22 (3X-Large) - refer "WOMEN'S SIZING CHART CYCLONE PRO R1 DRYsuit" on page 3



LATEX HD

CORDURA®

YKK®



Yellow / Black



Red / Black



Black

IONIC THROW LINE SQ-SAF62001

Ionic Throw Line bags are fully lined and include a foam inserts for additional buoyancy.

- Sturdy one-piece construction using 600D ripstop fabric, with reinforced base and collar and non-corrosive eyelets
- 360° reinforced reflective bands
- Integral twin 40 mm belt loops for use with a belt plus twin elasticated glow stick loops for night operations
- 10 mm high visibility PP floating rope
- Available 15 m, 20 m, 25 m rope lengths
- Colour: Red bag with yellow high visibility rope

CODE	DESCRIPTION	WEIGHT
SQ-SAF62001.15	IONIC 15 m Throw Line (10 mm)	0.7 kg
SQ-SAF62001.20	IONIC 20 m Throw Line (10 mm)	0.9 kg
SQ-SAF62001.25	IONIC 25 m Throw Line (10 mm)	1.1 kg



SAFEQUIP THROW LINE BELT SQ-SAF62030

The Throw Line Belt with quick release system secures the throw bag to the wearer during throw bag deployment.

The design allows for quick release if the user gets snagged by an object during a swift water scenario. A quick pull on the release toggle will dump both the bag and belt.

The adjustable waist belt is constructed from 50 mm webbing with a quick release Fix Lock Cam Buckle. It comes in one size in black.



IONIC TELESCOPIC WADING / SEARCH POLE SQ-SAF62012

A wading / search pole is an essential depth and stability aid for any flood team when wading through murky waters and unknown terrain.

IONIC's wading pole is designed and built for the toughest scenarios. Constructed from aircraft grade aluminium tubing, the two piece telescopic pole is protected against the elements with a protective coating.

Strategically placed finger and hand grips, spring button extension mechanism plus a weighted non-slip rubber foot at its base makes the wading pole an intuitive and indispensable safety tool to use.

The pole's reflective and 'traffic light' style graphics make it easily visible in low light and conveniently floats if accidentally dropped.

SPECIFICATIONS		
Length	Closed length: 1 m	Max. length: 1.68 m
Weight	1 kg	
Diameter	32 mm	
Construction	Two-piece construction 32 mm & 25 mm, 16 gauge aircraft grade aluminium tube	



IONIC CYCLONE SAR DRYSUIT SQ-SAF10055



Front entry design with YKK Aquaseal® drysuit zip (latex seal) with protective cover

Highly visible, 360° reflective chevron markings on sleeves, legs and hood

YKK Aquaseal® convenience zip with oversized zip tab

500D Cordura® knee reinforcement panels

Breathable, snug-fitting drysuit socks

Elasticated waterproof hood zips away when not required. Hood is designed to fit over a water rescue helmet.

Reflective piping sewn into seams for added low light visibility

Elasticated waist with adjustment system for optimum fit

3 mm Superstretch Neoprene cuff seals with adjustable cuff covers

Zippered pocket with additional window/slate pocket

500D Cordura® seat to knee reinforcement panel

Reflective chevrons (30 mm wide)

Protective ankle gaiter with Velcro® adjustment system

The Cyclone SAR drysuit with neoprene seals is a premium fully breathable drysuit designed in conjunction with a number of specialist rescue teams. The all new drysuit is fitted with a host of extra features that the professional rescuer will appreciate.

Manufactured using Hydratec 320 three layer Trilaminar fabric plus additional 500D Cordura® protective panels in the seat and knee, you can be assured this suit is made for maximum durability and performance.

An integral hood system provides wind chill protection and is designed to fit over a water rescue helmet or tucked away in the suit's zip-collar pouch when not required. The inside neck collar is fitted with a thermal fleece liner for additional comfort.

An adjustable waistband provides improved fit, while other features include removable internal adjustable braces, a convenience zip, adjustable ankle gaiters, Hydratec 320 breathable socks and reflective piping and chevrons.

- **Warranty:** One Year Manufacturer's Warranty
- **Sizes:** XS, S, M, L, XL, XXL, XXXL, 4XL
- **Colour:**



MATERIAL TECHNOLOGIES



Cordura® 500D and 1000D fabric is used on all the reinforcement protection panels fitted to Cyclone drysuits. The fabric specifications provide unparalleled protection against abrasion, puncture and tear.

The Cordura® fabric has a fine-weave finish making it easier to clean or decontaminate after use, while also reducing the risk of dirt or contaminants getting ingrained into the fabric.



Hydratec 200 is a high performance breathable trilaminate fabric which is both lightweight and flexible. It is designed for those requiring added comfort and greater flexibility when being worn for long periods.

To increase the durability of the breathable fabric option, all Cyclone drysuits are designed with Cordura® reinforcement panels fitted to key wear areas on the drysuit.



Superstretch Neoprene cuff and neck seals are fitted as an option to the drysuit. Significant time has been invested to improve neoprene seals which provide an excellent, durable option. The interior / skin-side of the seals feature Glideskin which makes the seals easier to don and doff.



The new Aquaseal® zipper from YKK has a smooth feel and offers more flexibility than the metal dive zip equivalents while providing optimum protection with a film-coated tape and innovative zipper element mechanism.



SIZING CHART CYCLONE SAR DRYSUIT

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"	30" - 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
Notes	<ul style="list-style-type: none"> • CHEST: The maximum horizontal girth measured under the arm pits and over the shoulder blades and chest while standing upright. • WAIST: The girth of the natural waistline between the top of the hip bones and lower ribs. Measure while the person is breathing normally and standing upright with the abdomen relaxed. • HIP: The horizontal girth measured around the buttocks at the level of the widest point / maximum circumference. • HEIGHT: The vertical distance between the top of the head and soles of the feet without shoes. Measure with feet together. • INSEAM: The distance between the crotch and the ankle bone measured in a straight line. Ensure the person is standing upright with bare feet slightly apart. 								

IONIC[®] FLOOD SUIT SQ-SAF10016



The IONIC Flood Suit was designed and developed in conjunction with UK Fire & Rescue Services. The Flood Suit offers a cost-effective solution for use in low level flooding, mud rescue and high volume pump operations.

The Flood Suit is in use with many Emergency Services around the UK. Its widespread adoption proves its versatility and suitability for a wide range of applications and scenarios.

The Flood Suit is constructed from 420D PVC coated nylon fabric throughout with waterproof taped seams. The jacket features an adjustable waistband for optimum fit.

The Flood suit is supplied with a twin compartment bag for stowing the flood suit, safety gum boots and gloves. The suit may be purchased on its own, or as part of the Flood Suit Kit (SQ-SAF18003).

- **Warranty:** One Year Manufacturer's Warranty
- **Sizes:** S, M, L, XL, XXL, XXXL
- **Colour:**



IONIC® FLOOD SUIT KIT SQ-SAF18003



SQ-SAF10016

Thermafleece Undersuit

Storage Bag

The **Thermafleece™ undersuit** is constructed from a soft polyester fleece fabric that provides thermal protection and a good wind chill barrier. The breathable fleece is comfortable to wear either in conjunction with a base layer or direct to the skin.

Features include a two-way zipper, elasticated thumb loops, foot stirrups and side hip pockets.



3mm Neoprene Gloves

The **Pro Neo 3 mm Textured Glove** is constructed from Superstretch Neoprene for improved fit and dexterity. No internal stitched seams, pre-curved fingers and textured grip palm and fingers make this glove comfortable to wear and easy to use.



PFW95 Safety Wellington (gum boots)

The **PFW95 Safety Wellington** offers ultimate S5 protection with steel toecap and midsole, slip resistant outsole and a sturdy waterproof construction from PVC/ Nitrile that is also fuel, oil and acid resistant. Height 40 cm. Sizes Men: 6 (39) to 12 (47) - refer footwear sizing chart on page 1.

Standards: AS/NZS 2210.3:2009

SIZING CHART FLOOD SUIT

SIZES	UOM	SMALL	MEDIUM	LARGE	X-LARGE	2X-LARGE	3X-LARGE
Height	ft / in	5'5" - 5'8"	5'7" - 5'10"	5'11" - 6'2"	6" - 6'3"	6'1" - 6'4"	6'3" - 6'6"
	cm	162 - 170	168 - 175	178 - 185	180 - 187	182 - 190	185 - 195
Weight	lbs	135 - 155	150 - 175	180 - 205	200 - 230	220 - 250	245 - 275
	kg	61 - 70	68 - 80	82 - 93	91 - 105	100 - 114	111 - 126
Chest	in	34" - 38"	36" - 40"	40" - 44"	42" - 46"	44" - 48"	46" - 50"
	cm	86 - 97	94 - 102	100 - 110	105 - 115	110 - 120	115 - 125
Waist	in	28" - 32"	30" - 34"	34" - 37"	37" - 40"	39" - 43"	42" - 45"
	cm	71 - 81	76 - 86	85 - 93	93 - 100	98 - 108	105 - 113
Hips	in	34" - 38"	36" - 40"	40" - 44"	43" - 47"	45" - 49"	47" - 51"
	cm	86 - 97	91 - 102	100 - 110	108 - 118	113 - 123	118 - 128
Inseam	in	26" - 28"	28" - 30"	30" - 32"	31" - 33"	32" - 34"	33" - 36"
	cm	65 - 70	70 - 75	75 - 80	78 - 83	80 - 85	83 - 90

- **CHEST:** The maximum horizontal girth measured under the arm pits and over the shoulder blades and chest while standing upright.
- **WAIST:** The girth of the natural waistline between the top of the hip bones and lower ribs. Measure while the person is breathing normally and standing upright with the abdomen relaxed.
- **HIP:** The horizontal girth measured around the buttocks at the level of the widest point / maximum circumference.
- **HEIGHT:** The vertical distance between the top of the head and soles of the feet without shoes. Measure with feet together.
- **INSEAM:** The distance between the crotch and the ankle bone measured in a straight line. Ensure the person is standing upright with bare feet slightly apart.

IONIC THERMA BASE LAYERS

- **Thermaskin™ Base Layer Top** SQ-SAF20025
- **Thermaskin™ Base Layer Pants** SQ-SAF20032

The IONIC Thermaskin™ range keeps you warm and dry in a variety of conditions. The top and pants are made from antimicrobial treated fabric that looks and feels like a cotton polo shirt with a soft, silky feel and plush texture.

Thermaskin's four-way superstretch fabric draws moisture away from the body and increases micro-ventilation. In extreme cold Thermaskin also works as a base-layer when used in a layering system with IONIC's Thermafleece™, Thermacore™ and Thermacore Quad™.

- Four-way Superstretch polyester brushed Lycra fabric (240 gsm)
- Water repellent outer layer with moisture wicking inner layer
- Windproof and breathable
- Outer layer UPF 50+
- Colours: Top - Blue/Black; Pants - Black
- Sizes: S, M, L, XL, XXL, XXXL (Refer "SIZING CHART THERMAL GARMENTS" on page 2)



IONIC THERMACORE QUAD 2 PIECE SQ-SAF20017

The IONIC Thermacore Quad™ is a premium 4-way superstretch, two piece thermal set. Made from Polytherm™, the twin layer fleece system creates an extremely efficient thermal barrier with the added benefit of a body hugging fit.

The two piece design provides versatility. The salopette can be worn on its own or as a two piece system to increase thermal performance when it's colder. The garment can be worn directly on the skin or over a base layer system such as a Thermaskin top.

- Moisture wicking dual layer construction
- Four-way Superstretch Polytherm twin fleece with antimicrobial treatment
- Versatile two piece design is suited to a wide range of activities
- Contrast grey coloured flat-lock seams for long wear comfort
- Salopette style bottom / pants with a convenient two-way zip and foot stirrups
- The long sleeved top features a scalloped back, crew neck collar and thumb loops
- Colours: Black
- Sizes: XS/S, M/ML, L/XL, XXL/XXXL (Refer "SIZING CHART THERMACORE QUAD" on page 2)



IONIC NEOPRENE SKULL CAP SQ-SAF46001

The neoprene skull cap is fitted with a chin strap and ear vents. Constructed from 1.5 mm neoprene, the cap provides thermal protection in a one-piece design. The skull cap is designed to be worn under a helmet.

Correctly size your skull cap by measuring the circumference of your head just above the eyebrows.

SMALL	MEDIUM	LARGE	X-LARGE	2X-LARGE
54 - 56 cm	56 - 58 cm	58 - 60 cm	60 - 62 cm	62 - 64 cm



IONIC® NEOPRENE GLOVES



KARBONLEX THERMA PRO X2

SQ-SAF40041

The Neoprene Karbonlex Therma Pro X2 is made from 2 mm Superstretch Neoprene which allows for an improved fit and dexterity.

- Kevlar® reinforced palms and fingers
- No internal stitched seams for optimum comfort
- Scalloped shaped cuff is designed for easy donning
- Pre-curved fingers
- Supplied with a zip-lock dry bag
- Sizes: S, M, L, XL, XXL



PRO NEO THERMA PRO X3

SQ-SAF40024

The Pro Neo 3 mm Textured Glove is made from Superstretch Neoprene for improved fit and dexterity.

- Textured grip on palms and fingers
- No internal stitched seams for optimum comfort
- Scalloped shaped cuff is designed for easy donning
- Velcro wrist fastening
- Pre-curved fingers
- Supplied with a zip-lock dry bag
- Sizes: S, M, L, XL, XXL



KARBONLEX THERMA PRO X4

SQ-SAF40020

The Neoprene Karbonlex Therma Pro X4 is made from 4 mm Superstretch Neoprene which allows for an improved fit and dexterity.

- Kevlar® reinforced palms and fingers
- No internal stitched seams for optimum comfort
- Scalloped shaped cuff is designed for easy donning
- Velcro wrist fastening
- Pre-curved fingers
- Supplied with a zip-lock dry bag
- Sizes: S, M, L, XL, XXL

IONIC® ROCKA WATER RESCUE BOOT

SQ-SAF42040

The ROCKA is a specialist water safety boot specially designed for use with drysuits and prolonged periods submerged in water. The boot has a generous internal fitting ideally suited for wearing with bulky drysocks while still providing excellent comfort, protection and traction even when underwater.

Easy to don and remove, even with drysocks on, the ROCKA is fastened with the Boa® Quick Release Closure System which is ideal where snag hazards might present a potential danger. The Boa system also enables the boot to be tightened equally across the foot and is covered by a lifetime warranty.

- Durable synthetic leather and mesh upper
- Kevlar fibre protective midsole and Kevlar stitching for added strength and abrasion resistance
- Anti-static, oil resistant Vibram® durable soles
- PU bump cap and heel guard
- Boa Quick Release Closure System
- Removable moulded foot bed
- Padded ankle and bellows tongue
- Instep drainage vents
- Certified to EN ISO 20345:2011
- Sizes: 36 (3) to 48 (13) - full sizes only. Refer "SIZING CHART FOOTWEAR" on page 2



IONIC® PRO MATRIX BUOYANCY AID SQ-SAF30055

The Pro Matrix is the ultimate rescue PFD. The ergonomic design includes deep cut arm holes, ergonomic foam channels and quality finishes. Fully adjustable for optimal fit, the Pro Matrix is crafted to aid operational performance both in and out of the water.

Spacious front pockets which include gear clips and stretch mesh gear pouches plus two additional smaller front pockets and a removable rear pouch provide ample storage.

- Up to 158N of buoyancy
- Red 500D Cordura® outer shell with high visibility webbing and SOLAS trim
- Fully adjustable padded shoulder straps and waist belt
- Side compression straps
- Radio retention loops
- Two front and one rear lash tab
- Self-draining front pockets with
- Twin front knife pockets with retaining ring
- Concealed karabiner pocket to reduce snagging
- Quick-release belt
- Removable crotch straps



XS/S	M/L	XL/2XL	3XL/4XL
75 - 96 cm	91 - 112 cm	107 - 127 cm	122 - 147 cm

PFD GUARDIAN EXPEDITION STROBE LIGHT

RED PFD Guardian Strobe Light SQ-SAF51026-RED
WHITE PFD Guardian Strobe Light SQ-SAF51026-WHITE

- Compact, waterproof to 90 m, dual function - steady on and strobe
- 11 hours run time on solid mode, 250 hours on strobe mode
- Directional light visible up to 5 km in darkness
- Impact resistant lens and base
- Operates from -40°C to 50°C



SAFEGUARD RAPID Ti KNIFE SQ-SAF47014

- Titanium blade
- Smooth and serrated cutting edges
- Blunt tip design
- Sheath designed to fit on lash tab
- Moulded handle can be attached to a lanyard



IONIC[®] NITRO XT WATER SAFETY HELMET SQ-SAF46030



The Nitro XT is a high performance water safety helmet. The helmet is constructed from an injection moulded ABS outer shell with a soft EVA foam liner which offers a winning combination of excellent comfort and critical all round impact protection including side impact.

The Nitro XT water rescue helmet is fitted with an internal cradle system complete with an easy-dial ratchet adjustment to enable the helmet to be rapidly fitted to the wearer's head size.

- Supplied with its own mesh storage bag
- Certified to EN ISO 1385:2012
- Helmet weight: 500 g

SMALL	MEDIUM	LARGE	X-LARGE
56 - 58 cm	58 - 60 cm	60 - 62 cm	62 - 64 cm



IONIC E-LIGHT SQ-SAF51047

Constructed from high-quality silicone/gel, the E-Light is extremely flexible and has a waterproof rating of IP67.

It operates in two modes – on and strobe – and provides up to 100 hours of battery life within a -20°C to +50°C operating range. The light holder is fitted with Velcro hook on its back for easy attachment and comes supplied with a lanyard. Available in red, amber, white and green. Dimensions: 11 cm x 2.6 cm. Battery type: CR2032.



The Reach and Rescue System speeds up rescues and improves the operator’s safety and capability in challenging and hazardous scenarios.

Reach and Rescue poles extend and contract with the ability to quickly attach a large variety of flotation, retrieval and access tools making the system exceptionally versatile and significantly more accurate and faster than the throw bag procedure.

The Reach and Rescue Pole is indispensable for water, ice, mud, confined spaces and height access scenarios and constructed from ultra-light carbon fibre with options from 5 m through to 17 m but store at a manageable 1.8 m to 2.6 m.

Each pole has a snap-on head assembly with a failsafe rope to ensure the pole remains intact when extended. Attachments range from snares, grappling hooks, underwater inspection cameras and trigger blades for lopping branches.

Tested and certified by LEEA. Compliant UK lifting operations and lifting equipment regulations 1998.



TELESCOPIC RESCUE POLE

THE REACH AND RESCUE ADVANTAGE

- Longest and most successful rescue pole system in the world
- Safer for the operator
- Quickly and accurately deployed
- Low skilled technique
- Fast retrieval of victim
- Adaptable to many situations
- Low maintenance
- Wide range of tools and flotation devices for every scenario

LIFETIME GUARANTEE

- If a pole and parts are damaged during an actual live rescue, Reach and Rescue guarantee to replace the parts or poles free of charge.
- Full warranty details at www.ferno.com.au

POLE	CODE	EXTENDED LENGTH	COLLAPSED LENGTH	WEIGHT	FLOAT REQUIRED
5 m Standard Fibreglass	RRP5	5 m	1.8 kg	2.1 kg	No
9 m Ultralite Carbon Composite	RRUP9	9 m	2.1 m	3.1 kg	Yes
13 m Ultralite Carbon Composite	RRUP13	13 m	2.4 m	4.7 kg	Yes
17 m Ultralite Carbon Composite	RRUP17	17 m	2.6 m	5.2 kg	Yes



SWAN HOOK RRSH



The Bird or Swan Hook animal rescue tool is designed to facilitate the safe and efficient retrieval of swans and other long-necked birds.

BOAT HOOK RRBH



The Boat Hook is used to push or pull boats towards or away from a landing. It is also used to pick up a mooring.

BODY HOOK RRBHK



The Body Hook is used for retrieving conscious or unconscious victims and bodies away from water. The large hook means no involvement from the victim is necessary.



I would highly recommend the Reach and Rescue poles to any emergency service that are involved in rescue from water on health and safety grounds and as a very useful, practical piece of equipment.

James McConnell
Civil Defence Officer,
Dublin City & County



CLAMPING FLOAT RRF



The Clamping Float is the main flotation device for use with the Reach and Rescue Pole system. Its main function is to support the pole on the surface of the water. The float can also act as an individual body buoyancy aid.

CROOK RRCK



Based on the traditional 'shepherd crook', design, the Reach and Rescue Crook easily hooks on to the casualty. A durable hooking tool, it is suitable for human, animal and general retrieval.

FLOTATION COLLAR RRFC



This is a buoyancy aid designed to retrieve a conscious casualty in the water. Push the flotation collar to the casualty so they can secure the adjustable collar to themselves. Suitable for human or animal rescues.

GRAPPLER RRGP



The Grappler is particularly useful on irregularly shaped retrievals where maximum engagement is critical.

The Grappler is extremely effective in removing flood debris and capturing boat lines.



GO PRO ADAPTER RRGPRO



The Go Pro Adaptor attaches directly to all Go Pro cameras to provide up-close viewing of scenarios at height, over a distance or underwater.

CARBON FIBRE LINE HOOK RRLHCF



The large Carbon Fibre Line Hook attaches a line to a fixed point at height or across water. Its opening width measures 165 mm. It can be used, for example, to secure a line to a submerged vehicle.

LINE HOOK RRLH



The Line Hook is a smaller, stainless steel version of the carbon fibre line hook. Both line hooks are ideal for:

- Offshore rigs and salvage operations involving safety and life lines
- Hands-off line attachment in hazardous conditions to damaged or highly volatile structures above and below water
- Attaching climbing or safety lines to unstable structures such as overhead cables and access ladders
- Making fast on mooring buoys and security lines
- Underwater salvage work
- Tree surgery
- Safety or climbing lines

KIT BAG RRKB



For storage of Reach and Rescue attachments. Quick release open.

POLE BAG RRPB



Pole bags are available in different sizes so suit different pole lengths.

PRO SPRING SNARE RRPS



The Pro Snare is a spring loaded device. The loop is placed over the target. A light tug to the pole releases the snare thus locking it on to the target.

This tool is ideal for animal control or for retrieval of an unconscious human.

RESCUE NET RRRNET



The Rescue Net is a robust yet very lightweight construction. The knot-less mesh net has a 50 cm diameter and a 17.5 cm handle. It is used to save small animals at arm's length or to scoop debris from a long distance.

Attach the Rescue Net to the pole by sliding the net's attachment sleeve to the gold collar of the pole.

ROPE BLADE RRRB



The Rope Blade attachment provides the ability to sever heavy lines from a distance. It is also used to cut other materials such as harnesses, strapping, fishing wire and netting.

The device accepts a standard 'Stanley' knife blade.

RESCUE THROWBAG RRTB2



The Rescue Throwbag has an extra wide 35 cm diameter opening for easy repacking. It comes with a standard rope stuffed loosely. Supplied with 20 m of rope. Maximum load: 300 kg

WADING POLE RRWP



The Reach and Rescue Wading Pole is widely used around the world. Designed with an ergonomic, plastic-coated steel T-bar handle, the Wading Pole's strong, rigid fibre-glass shaft and metal end caps enable it to be used even in the most severe conditions. Weighing 1.1 kg, the pole is 1.8 m long.

SCAFF HOOK CARRAGO RRLCO



The Carrago attaches a fixed line and scaff hook to a distant eyelet to enable heavy retrievals. The offshore industry commonly uses the carrago attachment to access out of reach anchor points. It is also used as a rescue system to hook on to a casualty in a difficult access or fall arrest scenario, or to recover casualties in the water from the safety of a vessel.

SONAR SEARCH FRAME RRSO



The Sonar Search Frame is a moveable / pivoting head attachment to which a sonar is mounted. Once connected to the Reach and Rescue pole, it facilitates underwater searches for bodies or objects in hard-to-reach places beneath the water surface.

SEARCH & INSPECTION CAMERA RRPROCAM



The versatile camera attaches to the Reach and Rescue pole and is commonly used for:

- Submerged body searches
- Hidden weapon and security checks in hard-to-reach locations such as rooftops, under vehicles
- Inspection of cargo on haulage trucks and ship hulls.

The camera features a bright LED light to illuminate below water surface, a long-lasting rechargeable battery and a clear 7 inch display.

TRIGGER BLADE RRTB



The Trigger Blade uses a double compound action pulley to cut or saw branches or wires high in trees while the operator remains safely on the ground.



The crew actually used the pole to rescue a male from water. Access was a problem due to the height difference from the bank to the water; they needed to stop the male from drifting away downstream from them. The rescue was made easier by the sheer fact the pole was quick to get to work. They could affect the rescue initially to a point of safety near the bank away from the flow, which then allowed the crew time to put a further system of work in place to get the male from the water.

Lincoln Fire and Rescue Service



REACH AND RESCUE POLE KIT



ULTRALITE POLE KITS

KIT CONTENTS	9 m Pole Kit	13 m Pole Kit	17 m Pole Kit
Kit Code	RRUKP9	RRUKP13	RRUKP17
Ultralite Carbon Composite Pole	9 m	13 m	17 m
Clamping Float	•	•	•
Crook	•	•	•
Body Hook	•	•	•
Pro Snare	•	•	•
Flotation Collar	•	•	•
Pole Bag	•	•	•
Kit Bag	•	•	•
Grappler	•	•	•
Scaff Hook Carrago	•	•	•

BOARDS & BASKETS

NAJO LITE

The lightest and most popular NAJO backboard at just 6.5 kg.

Angled edges, 22 hand hold positions and a tapered foot end provide excellent hand grip comfort as well as limitless lift and handling options in industrial or confined spaces.

- A central lower slot allows immobilisation of each leg separately.
- Strong, one-piece HDPE construction is 100% X-ray translucent and impervious to body fluids allowing for quick cleaning or decontamination.
- Buoyant for water rescue operations.

Supplied as a board only or as a **Base Package** with Najo Lite Backboard and three body restraints to facilitate the transfer of a patient.

Immobilisation Package supplied with Najo Lite Backboard, Head Immobiliser, Adjustable Wizloc Neck Collar and Faststrap patient restraint to facilitate the safe immobilisation and transfer of a patient.

BSBN-L	Standard Najo Lite Board
BSBN-LP	Najo Lite Board with Pins
FWEBSBNSESKIT	Base Package
FWE-NAJO-PA	Immobilisation Package



Board Only



Immobilisation Package

FERNO CARBON FIBRE SPINEBOARD DHS-390CF

At a lightweight 5 kg the Ferno Carbon Fibre Spine Board is the only one of its type in the world combining unmatched strength, rigidity, flotation, ease of carry and comfort for patients of up to 220 kg.

- 14 large raised handholds enables optimal manual handling choices
- Compatible with stretcher patient harness allowing full transportability of patient from incident to hospital.
- Easy clean, fluid safe surface.
- MRI, CT compatible and X-Ray translucent.



NAJO REDIHOLD

Our top of the line backboard with a 272 kg SWL.

- 22 comfortable hand grip positions including two at the foot and head end.
- Tapered foot end for confined space handling and angled edges for easy log-rolling.
- Strong, one-piece HDPE construction is 100% X-ray translucent and impervious to body fluids allowing for quick cleaning or decontamination.
- Buoyant for water rescue operations.
- Guaranteed for life under normal usage.
- Available with optional speed clip pins.

BSBN-RH	Standard Najo Redihold
BSBN-RHP	Najo Redihold with Pins



FERNO XT FLOATING FWE-XT FLOATING

The XT Floating is a compact backboard and flotation device designed to ensure extreme manoeuvrability during water rescue.

Comprising a revolutionary half-size carbon fibre backboard, the XT Floating is fitted with a semi-rigid polyurethane head float and two side floats plus colour-coded restraints and handles.

The head and two side floats provides optimal buoyancy keeping the patient's head above water, and prevents capsizing while protecting the victim from accidental impacts. The XT Floating is designed to be self-righting if submerged or flipped upside down underwater with a patient.

Easy application with four high-visibility colour-coded restraints and buckles, Quick Head Immobiliser (QHI), and a smooth surface that slips behind the patient

- Convenient extrication with four carrying handles
- A lightweight, composite fibre board that is 100% X-ray translucent and easy to decontaminate
- Dimensions: L 83 cm x W 30 cm

XT Floating comprises:

- The Ferno XT Board
- QHI Head Immobiliser
- Floating Restraints
- Storage Carry Bag



Scan to watch a video of the Ferno XT Floating in action

TRAVERSE TITAN BASKET STRETCHERS



FWETBT (One-Piece)



FWETBT-SP (Split Version)



Patented 'Locsafe' triple safety system. Interlocking latching teeth. Integral threaded rail collars. Collar lock button



Confined Space Split (Titanium)



Ferno 471 Flotation Device provides 30 kg of buoyancy to keep patient's head and torso above the water's surface

The Traverse Titan series is specifically designed to perform in technical rescue environments. Unique StratLoad points allows quick and easy rescue bridle attachment and protects the bridle karabiners from accidental disconnection. Available in stainless steel or titanium.

- 25 mm reinforced top rail provides exceptional strength in vertical haul or lowering operations and is comfortable to handle during extended periods.
- Patient compartment HDPE netting allows water and air to pass through yet the small holes prevent snagging on debris.
- Moulded, high density polyethylene back support
- Tested to and beyond a 1134 kg (11 kN) static load test threshold.
- Tapered feature allows easier access in confined areas
- Wide variety of accessories available to suit any rescue scenario
- Compatible with any Ferno tapered backboard.
- Split Version incorporates interlocked, pinless bottom hinges, integral top rail with threaded collets and a completely solid connection between the two parts
- Split versions can be assembled or disassembled in approximately 15 seconds.
- Confined Space Split Titan available in titanium only
- **Optional Accessory:** FWE471 Traverse Flotation Device

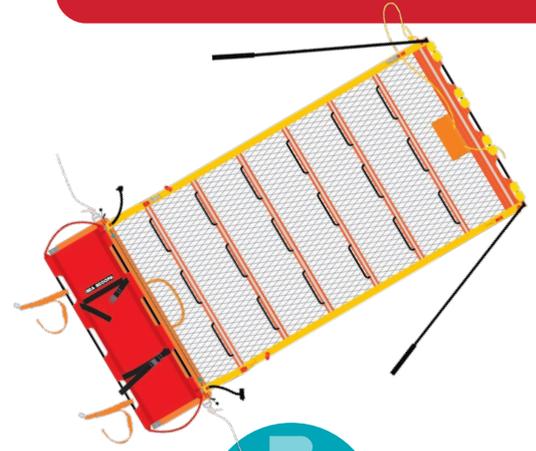
Titan Model Description	Code	Length	Width	Height	Weight*	Load Rating	Optional Lift Bridle	Optional Carry Case
Stainless Steel One-Piece	FWETBT	212 cm	58 cm	18 cm	13.8 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	MCC-387A
Stainless Steel Split	FWETB-SP	212 cm	60 cm	19 cm	14.5 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	MCC-387B
Titanium Standard One-Piece	FWETTI	212 cm	58 cm	18 cm	8 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	MCC-387A
Titanium Standard Split	FWETTI-SP	212 cm	60 cm	19 cm	9 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	MCC-387B
Titanium Con-Space One-Piece	11-4000	210 cm	48.25 cm	18 cm	5.4 kg	408 kg (4 kN)	BRB-TLB or BRB-TLB-TL	MCC-387A
Titanium Con-Space Split	11-4001	210 cm	49.5 cm	19 cm	6.4 kg	408 kg (4 kN)	BRB-TLB or BRB-TLB-TL	MCC-387B

* Weights include patient restraints

SEA SCOOPA MAN OVERBOARD RETRIEVAL

Designed for the rescue and retrieval of a man overboard (MOB) in a horizontal or vertical position. SeaScoopa enables two crew to complete the rescue operation without entering the water.

A favoured piece of equipment, the SeaScoopa includes an integral stretcher that clips on to the rescuers' safety harness allowing the MOB or patient to be stretchered immediately after water retrieval to eliminate unnecessary handling of the patient.



The SeaScoopa deploys in under two minutes. The bright, reflective net has a rigid outer batten with floats and handgrips to aid lifting. The crew hold this batten away from the vessel with two poles attached to its fore and aft ends to form a scoop shape.

Capture the patient while the boat is in motion and has steerage. SeaScoopa's unique patented scoop net prevents the patient from being swept out the aft end during capture.

Once scooped and netted, the patient is brought on board using a rolling and lifting motion called parbuckling by two crew – first using the handgrips on the outer floating batten, then the six handgrip sets incorporated in the body of the net.

SeaScoopa's design and 2:1 mechanical advantage of the rolling lift reduces the lift load by 50%, improves the operators' lifting techniques, reduces their risk of back injury and is better for the patient by reducing the risk of circulatory collapse during the rescue process.

The patient is received into SeaScoopa's integrated, lightweight stretcher once he or she is raised over the gunwale. The outer pole of the stretcher is supported during this process by clipping onto the rescuers' life jacket D-ring.

The inner side of the stretcher is then detached from SeaScoopa's net by releasing two snap shackles and the patient is either lowered to the deck / transferred elsewhere after being restrained to the stretcher.



Code	Load Limit	Packed (W) x (H)	Net (W) x (H)	Weight
VRES SEASCOOP 3.3	300 kg	2050 mm x 525 mm	1830 mm x 3440 mm	17 kg
VRES SEASCOOP 4.3	300 kg	2050 mm x 525 mm	1830 mm x 4440 mm	20 kg



WATER RESCUE ROPE VTB 2371-14

The Water Rescue Rope is a spliceable floating rope for use in swift-water rescue applications.

The rope's durable nylon cover protects the braided multi-filament polypropylene (MFP) core from damaging UV rays and combines to provide a strong rope. The double braid construction combines the spliceable nature of a hollow braid with the safety features of a kernmantle rope

- The yellow rope with contrasting red flecks is easily spotted in the water
- Floats just under the water surface
- High load capacity
- Good grip



Diameter	Sheath/Core	Braid	Weight	MBS
11mm	Nylon / MFP	20	78.9 g/m	16.45 kN

NFPA THROWLINE VTB C2336-08

The NFPA Throwline is a double braid that features a polypropylene cover and a Dyneema® core.

It was designed to be light, strong and easily packable. The result is a rope that is extremely strong and floats indefinitely.

The rope is perfect for rafting, boating, river crossing, swimming, diving or any applications where water rescue may be required.

- High strength to weight ratio
- Packs easily and compactly
- Soft hand and good grip
- Highly visible in the water



Diameter	Sheath/Core	Braid	Weight	MBS
8 mm	PP / Dyneema	16	29.8 g/m	12.2 kN

FERNO HEAVY DUTY ROPE BAG VBS HIVIS

Ferno Heavy Duty Rope Bags keep your rope conveniently stowed, ready for transportation and quick deployment.

Each bag has a double pull throat closure for securing contents and additional weather and dust protection. Made from heavy duty ripstop vinyl and includes a base eyelet.

Code	Size	Height	Height inc. Throat	Diameter	Carry Handle	Strap Qty
VBS HIVIS 50	50 m	56 cm	62 cm	24 cm	no	1
VBS HIVIS 100	100 m	70 cm	76 cm	24 cm	no	1
VBS HIVIS 150	150 m	70 cm	76 cm	30 cm	yes	2
VBS HIVIS 200	200 m	85 cm	91 cm	30 cm	yes	2

MADE IN AUSTRALIA



Shoulder strap colour has been updated to a reflective deep charcoal webbing and is no longer grey as pictured.

FERNO ROPE LOG FWERL

The Ferno Rope Log helps you keep tabs on the activities and conditions the rope you're relying on has been exposed to.

- A5-sized booklet
- Durable, tear-resistant, waterproof paper for use in the field
- Includes Inspection and Rope Care Instructions
- 21 record pages to enter and keep important rope data organised and traceable

MADE IN AUSTRALIA





EMERGENCY

RESCUE

SAFETY

MORTUARY

SERVICE & MAINTENANCE

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