

# NORTHERN DIVER

COMMERCIAL SUITS & EQUIPMENT



## Sea Farms & Fisheries Catalogue 2019

[www.ndiver-commercial.com](http://www.ndiver-commercial.com)



Northern Diver's range of personal protective equipment for the sea farms & fisheries industry is our latest business development from over 40 years of innovation in the marine sector.

Northern Diver has been established for over 40 years. We design and manufacture a diverse range of drysuits, diving equipment and other equipment for use in, on and around water – for offshore, commercial, sport, military and rescue applications around the world.

Our specialist diving systems and cross-sector technical expertise have led to us launching product ranges for water rescue and offshore renewables, as well as counting the British Ministry of Defence, over 95% of the UK's fire services and worldwide commercial diving organisations amongst our clients.

In terms of the sea farms & fisheries industry, we have gained SOLAS approval for the transit suits and twin chamber 275N life jackets that we manufacture. We also manufacture training transit suits, harnesses, helmets, lighting, footwear, waterproof socks, thermal garments, bags and dry bags.

Another of our specialties is customisation of equipment and the ability to manufacture bespoke items to specification. We can also apply organisation logos and any required wording to equipment – just get in touch with us to see what we can do for you.

Please visit [www.ndiver-commercial.com](http://www.ndiver-commercial.com) to view our full product range.

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## COMMERCIAL

The Divemaster Commercial drysuit is the first choice of active sport divers and the UK's major commercial diving schools.

Manufactured from a specially formulated 5mm hyper-compressed neoprene, the Divemaster allows freedom of movement and real diving flexibility, as well as being exceptionally hard-wearing.

Hyper-compressed is not just a name to increase product appeal. This is a full commercial process, requiring the use of a 500 ton heated press. Although this may sound excessive, this is a necessary process to achieve the highest possible standards in neoprene manufacturing.

The Divemaster Commercial can be used in conjunction with any undersuit in our range, for example the Thermalux® in mild European waters or Metalux® for more extreme diving conditions.

The Divemaster Commercial drysuit gives the user a comfortable environment when diving and can be pitted against the harshest of diving scenarios, such as ice diving and long duration cold water diving. Durability is increased by the heavy-duty pique nylon outer shell. Our unique Ti-Ax® Thermacote® heat reflecting system is under the inner lining inside the drysuit. With a host of premium features as standard, this drysuit really is a leader in reliability.

- Hyper-compressed neoprene
- 'Bonded for life' seams
- Rear entry BDM metal zip with protective flap
- Neoprene neck and wrist seals
- Northern Diver low profile Inflation and exhaust valves, located in standard positions
- Bellows pocket on right thigh
- Zipped transporter pocket on left thigh
- Kevlar® kneepads
- Fitted with durable hard sole boots
- Drysuit carry bag, hose and maintenance kit included

Sizes available: S, M, ML, MR, MLR, MLT, L, LR, XL, XLR, XLT, XXL, XXXL

NSN: 4220-99-843-7548



### DESCRIPTION

DRYSUITS

STOCK CODE

DIVE-COM-SIZE



# ORIGIN

## COMMERCIAL

CONFORMS TO : BS EN 14225-2:2005

The Origin drysuit is the developed version of Northern Diver's original neoprene drysuit.

It is incredibly popular with experienced divers around the world and remains a preferred choice of commercial divers.

This drysuit is ideal for advanced non-commercial divers who regularly plan dives with little physical movement, long duration or extended deco stops.

The Origin drysuit is manufactured from 6.5mm neoprene, with a tough Armatex® outer shell and our Ti-Ax® Thermacote® heat reflective lining system.

It also features Kevlar® elbow, shoulder and knee protection, ensuring it will withstand years of action.

This drysuit's sizes are a wider fit than our standard drysuit sizes, allowing any combination of our undersuits to be used and covering all diving conditions.

The Origin Drysuit is available off-the-peg with durable hard sole boots or steel toe and mid-sole foil safety boots. The safety boots conform to safety boot standard EN12568/98.

- 6.5mm neoprene
- Rear entry heavy duty BDM metal zip with protective flap
- Neoprene neck and wrist seals
- Northern Diver low profile inflation and exhaust valves, located in standard positions
- 'Bonded for life' seams
- Liquid taped outside seams
- Zipped transporter pockets on thighs, each fitted with external stainless steel D-rings
- Kevlar® protection on shoulders, elbows and knees
- Overprinted seat area for non slip grip and abrasion protection.

Sizes available: S, M, ML, MR, MLR, MLT, L, LR, XL, XLR, XLT, XXL, XXLR, XXXL



### DESCRIPTION

DRYSUITS

STOCK CODE

ORIGINCG-SIZE

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM  
For more visit [www.ndiver.com](http://www.ndiver.com)



# hotwater

## EVOLUTION 8

5MM HOTWATER GLOVES



5MM HOTWATER BOOTS



Helmet photographed supplied by  
**Kirby Morgan** Dive Systems, inc.

[WWW.NDIVER-COMMERICAL.COM](http://WWW.NDIVER-COMMERICAL.COM)



# hotwater suit

Our hotwater suit has been developed over the past 20 years. The suit is based around a unique heavy anodized aluminium water distribution valve, with its unique 360 degree stainless steel quick connector.

The water flows along an anti-kink rubber pipe profile, designed by, and unique to, Northern Diver.

The pipes are held in place by a padded neoprene cover for comfort. All pipe runs are directed for comfort during those long bell runs.

The arms and legs can be trimmed to length and the pipe passed backwards through the ladder hole adjusters. There is the facility on the pipe, for the front chest and back neck, to take a hot water feed to the mask to heat the face plate.

The suit is supplied with a 1/4" inline double-barb plastic connector.

The shell body is constructed from high grade non-shrink neoprene with a high rubber solids content, lined on the outside with a durable Swiss pique canvas fabric.

#### Suit features :

- Tested under the Balmoral UK platform, North Sea at 355 metres depth
- Diver climate control system
- Polymer reinforced knee and shin pads. This and the adjacent polymer reinforced embossing which circles the legs in the calf area is ideal for duct taping boots or socks to the suit.
- Two deep pockets with drain holes and equipment attachment eyelets.
- Suit closure is by a heavy-duty Vislon YKK zip
- Wrap-over neoprene neck with fleece lining
- Supplied with one ID badge which is secured to the suit with hook and loop fastening.
- Light reflective strips on upper arms
- CE approved suit for use in excess of 50 metres depth

Sizes available: S, M, ML, MT, MLT, L, LT, XL, XLT, XXL, XXLT, XXXL



## Our Hotwater Valve

Designed to distribute water around the hot water suit. The inlet source (hot water) is connected to the banjo bolt which is controlled via the control knob.

When the control knob is switched to the suit position the hot water feeds the six outlet positions which connect to the internal suit tubing.

Moving the control knob to the dump position diverts the water inlet to atmosphere.



Helmet photographed supplied by Kirby Morgan Dive Systems, Inc.

#### DESCRIPTION

HOTWATER SUITS

#### STOCK CODE

HWS1899-SIZE

NORTHERN DIVER

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# Hotwater manifold configuration

The first part of the pipe that runs from the manifold is recognised as an area which would normally require regular maintenance.

Northern Divers manifold uses a medium pressure hose, which is anti-kink to EN250, to prevent the hose from breaking at the manifold.

The hose is attached to the manifold using crimped 316 stainless steel ferral's which ensure the hose does not pull away from the manifold. Pull tested to 100kgs.

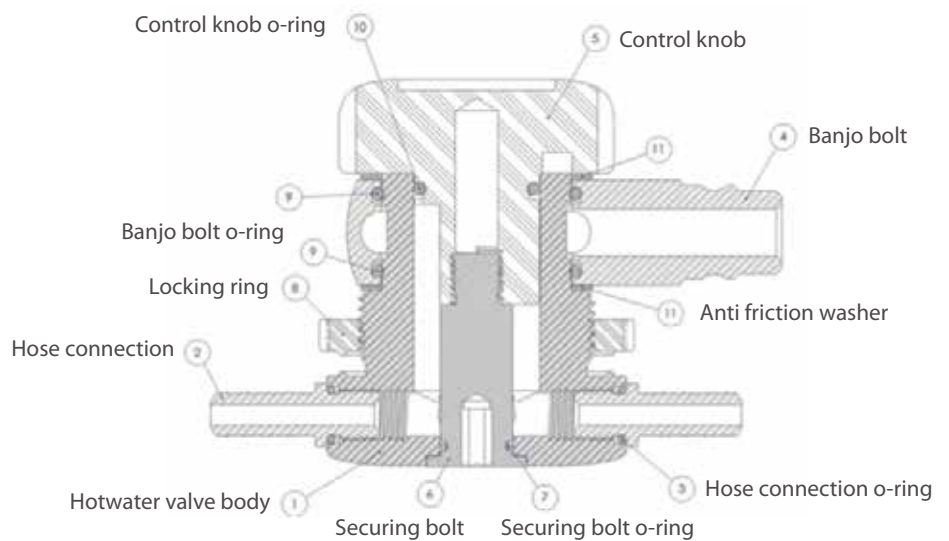
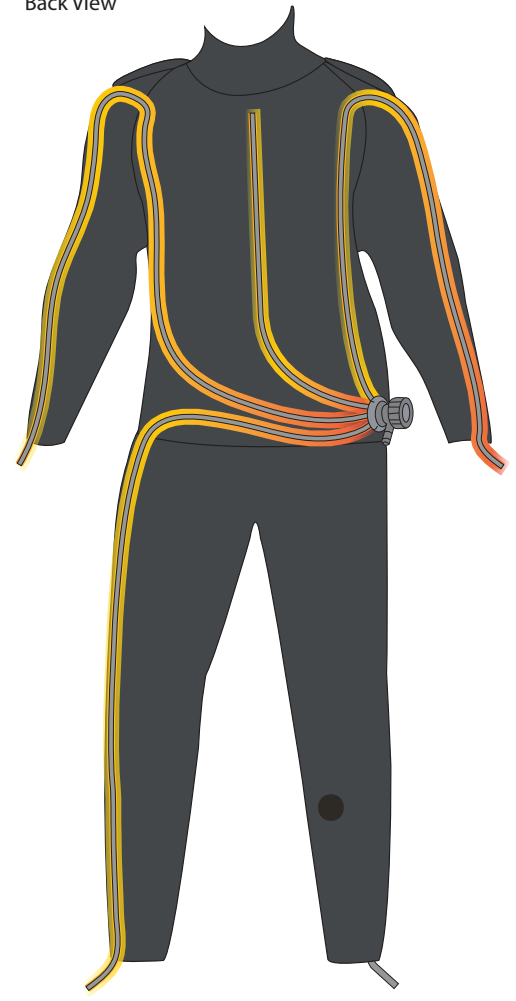
The remaining pipe that runs throughout the suit uses Northern Divers specially developed flat pipe technology, to ensure the diver stays comfortable.

The result: The diver stays warm and comfortable. The technician has minimal work to carry out. The purchaser saves costs over the lifetime of the suit.

Front View



Back View



## DESCRIPTION

HOTWATER SUITS

## STOCK CODE

HWS1899-SIZE

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM



# 5MM HOTWATER GLOVES & HOTWATER BOOTS

## HOTWATER GLOVES

Specific integration and use with only the Northern Diver Hotwater suit.

Manufactured from 5mm neoprene with Kevlar® reinforced palms and fingers.

These gloves are specially designed to work directly with the Northern Diver hotwater suit, and allow for the arm tubing to extend into the glove to keep the wearer's hands warm.

5mm neoprene 5-finger gauntletgloves.

Sizes available: M, L, XL, XXL

### DESCRIPTION

GLOVES

STOCK CODE

GLM-GAUNTLET-KEVLAR-SIZE



## HOTWATER BOOTS

High grade 5mm neoprene. High cut of the boot ensures the hot water is trapped within the suit and the boot. Keeps the diver warm and comfortable. Worn in conjunction with the Hotwater suit.

### Boot Sizes

- S - 7-8 UK Boot
- M - 9-10 UK Boot
- L - 10-11 UK Boot
- XL - 11-12 UK Boot
- XXL - 12-13 UK Boot

### DESCRIPTION

FOOTWEAR

STOCK CODE

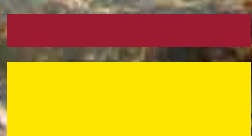
BOOT-HOTWATER-SIZE



# SPECIALIST CONTAMINATED WATER



AVAILABLE IN 1000G & 1600G



# THOR



# THOR 1000G DRYSUIT

Our Thor drysuit is manufactured from a vulcanised polymer created from a mix of high-grade rubber and EPDM.

Vulcanised laminated polymers are carried on a multidirectional 4-way-stretch knitted polyester, which gives excellent strength and durability.

The Thor is suitable for commercial diving applications but is also an excellent option for military and rescue purposes. The 1000G Thor also comes with swim boots as the attached footwear and the zip on the suit is medium duty.

The Thor has been thoroughly tested at the Austin Institute in Texas, USA. All Thor drysuits are CE approved and conform to the latest EEC PPE directive regarding drysuits.

Our quality control management conforms to BS EN ISO 9001:2008, ensuring that all Northern Diver products are of the highest quality and manufacturing standards.

Independent tests show that the Thor drysuit is resistant to chemical permeation. Full details are available on request.

Thor drysuits can be manufactured to custom specifications, including fitting items such as reflective overprinting, extra reinforcement and pockets.

- Chemical and biological permeation resistant
- Triple-vulcanised bonded for life seams with reinforced knee & crotch area
- CE Approved

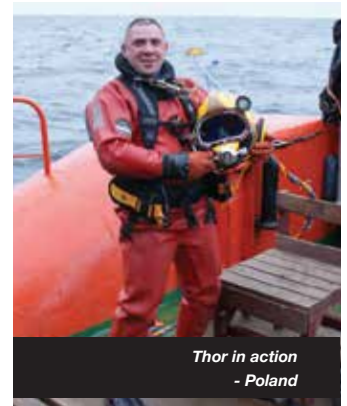
**Suitable for toxic incidents or water where chemical or biological non-permeability is essential.**

**Also suitable for toxic body recovery. The drysuit can easily be washed down after use.**



**THOR 1000G**

SIZES : S, M, ML, MLR, MR, L, LR, XL, XLR, XXL, XXLR



*Thor in action  
- Poland*



*Years of usage and still in action  
- Romania*



*Kitted up and ready to go  
- Poland*



Reflective panels



Medium duty BDM metal zip

Our Thor 1000g contaminated water drysuit are equipped with the Thor rubber boot.

These boots are lighter than the Thor safety boot and are suited to swimming. Lined with 6mm neoprene They're also suitable for use with our safety over boots, which have optional lead insoles for increased stability underwater.

## RUBBER BOOTS

THOR-SOFT-BOOT

SIZES : 7, 8, 9, 10, 11, 12, 13, 14  
Toe cap tested to EN 12568:2010



## DESCRIPTION

DRYSUITS

STOCK CODE

1000-THOR-SIZE



# THOR 1600G DRYSUIT

Our Thor drysuit is manufactured from a vulcanised polymer created from a mix of high-grade rubber and EPDM.

Vulcanised laminated polymers are carried on a multidirectional 4-way-stretch knitted polyester, which gives excellent strength and durability.

The Thor is suitable for commercial diving applications but is also an excellent option for military and rescue purposes. The 1600G Thor comes with integrated safety boots with a stainless steel mid-sole foil and a composite toecap. The 1600G suit also has a heavy duty zip.

The Thor has been thoroughly tested at the Austin Institute in Texas, USA. All Thor drysuits are CE approved and conform to the latest EEC PPE directive regarding drysuits.

Our quality control management conforms to BS EN ISO 9001:2008, ensuring that all Northern Diver products are of the highest quality and manufacturing standards.

Independent tests show that the Thor drysuit is resistant to chemical permeation. Full details are available on request.

Thor drysuits can be manufactured to custom specifications, including fitting items such as reflective overprinting, extra reinforcement and pockets.

- Chemical and biological permeation resistant
- Triple-vulcanised bonded for life seams with reinforced knee & crotch area
- CE Approved

**Suitable for toxic incidents or water where chemical or biological non-permeability is essential.**

**Also suitable for toxic body recovery. The drysuit can easily be washed down after use.**



THOR 1600G

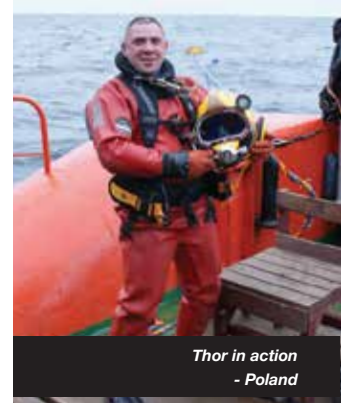
SIZES : S, M, ML, MLR, MR, L, LR, XL, XLR, XXL, XXLR



Reflective panels



Heavy duty BDM metal zip



Thor in action  
- Poland



Years of usage and still in action  
- Romania



Kitted up and ready to go  
- Poland

Thor safety boots come fitted to the Northern Diver Thor 1600g contaminated diving suit. These boots are ergonomically designed and protect against sharps, impacts and chemical and biological permeation.

The boot's EPDM rubber construction incorporates a composite toe cap, a mid-sole foil, neoprene insulation and a rugged outsole. Our lace-up mid calf overboots can be worn with these boots.

## SAFETY BOOTS

### THOR-BOOT

SIZES : 7, 8, 9, 10, 11, 12, 13, 14  
Toe cap tested to EN 12568:2010



## DESCRIPTION

DRYSUITS

STOCK CODE

1600G-THOR-SIZE

# THOR SAFETY BOOTS

Thor safety boots come fitted as standard to the Northern Diver Thor 1600g contaminated diving suit.

These boots are ergonomically designed and protect against sharps, impacts and chemical and biological permeation.

The boot's EPDM rubber construction incorporates a composite toe cap, a mid-sole foil, neoprene insulation and a rugged outsole. The toe cap is tested to **EN12568:2010**.

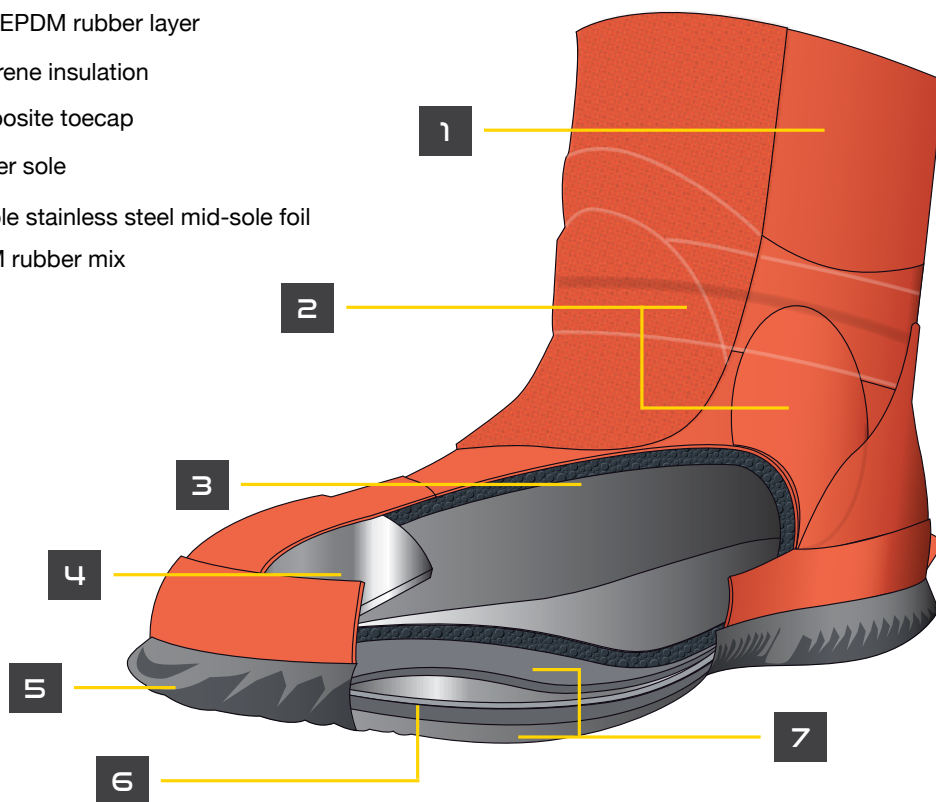
Our lace-up mid calf overboots can be worn with these boots.

- Lined with 6mm neoprene
- Vulcanised rubber overcladding

**AVAILABLE IN SIZES:**

UK 7, 8, 9, 10, 11, 12, 13, 14

- 1 EPDM rubber mix pique lining
- 2 Extra EPDM rubber layer
- 3 Neoprene insulation
- 4 Composite toecap
- 5 Rubber sole
- 6 Flexible stainless steel mid-sole foil
- 7 EPDM rubber mix



**DESCRIPTION**

BOOTS

**STOCK CODE**

THOR-BOOT

# THOR SAFETY OVER BOOTS

Our Safety Over Boots improve diver safety and extend the working life of all types of diving suit, even in the roughest conditions, by protecting the lower extremities from sharp and abrasive materials and impacts.

Wearing the boots with the optional lead insoles ensures a more secure foothold for the diver and also greatly reduces the risk of a feet-first ascent.

The specification set for these boots is uncompromisingly high. By insisting on superior quality materials and workmanship we are able to assure that the boots will prove to be exceptionally resistant to wear, even on work sites which subject them to exacting demands.

Specifically designed to counter the rigours of commercial diving, the diver is assured of a far higher degree of protection than can be expected from other footwear inappropriately adapted for diving.

- Steel toe cap overboots
- Toe cap tested to **EN 12568:2010**
- Improves diver safety
- Extends the working life of diving suits
- Protects the lower extremities from sharp, abrasive materials and impacts
- Exceptionally resistant to wear

**ONE SIZE FITS ALL**



**Comfortably fit over any size of Thor boot.**

## LEAD INSOLES



Our one size fits all lead insoles are designed to add stability for divers working in moving water.

Developed for use with the Northern Diver underwater Safety Over Boots.

**Dimensions:** 0.5cm (1cm for the pair, they come stacked on on top of the other) x 12cm x 33cm

**Weight:** 2kg each, 4kg per pair



### DESCRIPTION

BOOTS

STOCK CODE

THOR-OVERBOOT



# OPTIONAL ACCESSORIES FOR THOR



Thor drysuit neck/wrist seals and boots can be changed. This includes a wide range of options, including lightweight swimming boots, wide fitting boots for static commercial diver operations and safety boots with steel toe caps and mid-sole foil. Neck yokes, additional pockets, dry glove systems and convenience zips are also available.



## NECK YOKES

The Thor range of rubber drysuits is compatible with the industry standard diving helmet neck yokes, including Desco, KMB, AH & Genesis models.



## BEANIE HOOD

The Beanie Hood offers protection from the cold when wearing with a Latex Hood. Complete with comfortable chin strap.



## FIXED CUFF SYSTEM

The Hot Crabber cuff / glove system has excellent resistance to acids, alkalis, abrasion, chemicals, cutting oils and petrol.



## LATEX HOOD

Available as a separate item or can be attached to the suit with an optional Beanie Hood. Hood is close fitting - ensures there is no water ingress whilst diving.



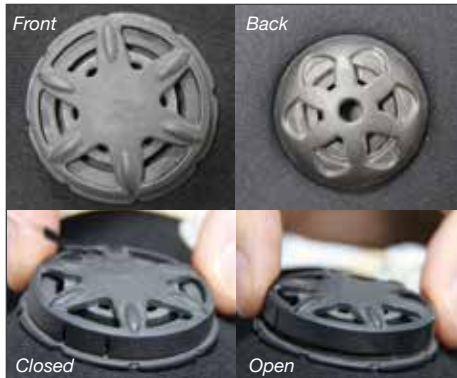
## SKIN / SKIN HOOD

Ensures there is a smooth neoprene skin around the face, which will seal when using a full face mask. Skin / Skin Hood works in conjunction with the AGA mask.



## DRY GLOVE SYSTEM

For use with both latex and neoprene wrist seals. The unique double-safety locking mechanism gives simple and fast engagement or release, without assistance.



## LOCKING CUFF DUMP

A cuff dump with a simple and swift opening/closing operation. It turns 45 degrees from open to closed. It still retains the mushroom silicone seal to stop water ingress when open.



The exhaust valve has a double mushroom seal and can be locked off when required.

## VALVES

Inflation and exhaust valves. These contaminated water valves are specially designed to be chemical, impact and heat resistant.



# **NORTHERN DIVER** SPECIALIST RESCUE EQUIPMENT

**Water rescue apparel and equipment | Custom drysuit service  
Inflatable boats, sleds and rescue aids | Equipment customisation  
Training mannequins | First aid and medical**



[WWW.NDIVER-RESCUE.COM](http://WWW.NDIVER-RESCUE.COM)



# STORM FORCE 4 (F4)

CONFORMS TO : BS EN 14225-2:2005

## LIGHTWEIGHT & MEDIUM DUTY OPTIONS

Our Storm Force 4 (F4) is the breathable tri-laminate drysuit that evolved from our popular Storm Surface Drysuit fitted with BDM metal zip and supplied in a drawstring bag.

The stock models have neoprene neck and wrist seals, with heavy duty latex dry socks, designed to be used with any Northern Diver boot or similar in-water footwear.

High visibility reflective printing is located in various positions on each style of suit. This is an essential safety feature, especially if the drysuit will be used at night, in poor light conditions or with impaired visibility.

### Styles available:

1. 210D lightweight option
2. 320D medium-duty option

### Available in sizes :

S, M,,ML, L, XL, XXL, XXXL



The F4 suit shown above has a custom reflective silver logo printed on the arm for Hornsea Inshore Rescue.

### DESCRIPTION

LIGHTWEIGHT F4

### STOCK CODE

F4 WILDWATER F/E 'SIZE'

F4 WILDWATER DRYSUIT 'SIZE'

### DESCRIPTION

MEDIUM WEIGHT F4

### STOCK CODE

F4-320D-F/E-'SIZE'

F4-320D-RE-'SIZE'

F4 FE YELLOW 'SIZE'

F4-320D-RED/NAVY-'SIZE'



Medium weight shown above



### MEDIUM WEIGHT F4

320D breathable fabric suit

Available in front entry

Colour options:  
red/black, amber/black or red/navy

Double layer or Kevlar® protection in high wear areas

### LIGHTWEIGHT F4

210D breathable fabric suit

Available in front & rear entry

Colour options: red/black

Double layer protection in high wear areas



Lightweight shown above



# SPECIALIST FLOTATION SUITS

CONFORMS TO : BS EN ISO 393:1993 92.18

Our Flotation Suit is a versatile garment that is suitable for various tasks performed near water when keeping warm and protection from the water are essential.

The suit is manufactured from a waterproof breathable membrane and has adjustable anti-flush straps on the wrists and ankles.

If the user falls into the water, the suit will provide buoyancy (50N) and protection against cold water shock and hypothermia. It is suitable for use in temperatures ranging from -40°C to 10°C.

When the suit is worn, comfortable cuff and neck areas, ventilation points and a high performance wicking lining ensure it remains comfortable.

Our Flotation Suit is available in a choice of colours. Subject to order quantity, we can also manufacture bespoke suits to your requirements.

## BS EN ISO393:1993 92.18

### Suit features :

- Breathable outer fabric
- Specially developed lining for wicking performance
- Inherent buoyancy in excess of 50N
- Provides a degree of thermal protection against hypothermia / cold water shock
- Velcro close collar
- Attached hood
- Neoprene anti-flush adjustable wrists
- Ankles secured with easy grip pull tabs
- Reflexite® prismatic tape
- Reflective piping sewn into seams
- Air escape eyelets under chest flaps
- Underarm and back ventilation
- Fleece lined waterproof pockets

Sizes available: S, M, L, XL, XXL



## DESCRIPTION

SURFACE SUITS

STOCK CODE

FLOTATION-ARCTIC-SIZE

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM

# RESCUE SURFACE SUIT



A rescue suit designed for use in the most demanding conditions, ideal for rescue and emergency response teams conducting any type of marine based rescue, whether it be a swift water rescue in a flooding situation or an offshore rescue.

Easy to don rescue suit, ideal for fast rescue and response swimming applications.

Can be branded on the upper arms and left leg with your company / team logo.

#### Features:

- A mixture of latex and neoprene neck and wrist seals
- Yellow 320D fully breathable upper body fabric construction with black 450D tri-laminate lower body
- Front entry BDM metal dry zip
- Knee & seat reinforcement
- Comfortable, warm and durable
- SOLAS reflective tape on the lower arms
- Narrow reflective piping sewn into the seams
- Zipped transporter pocket on the left thigh
- Velcro closing bellows note book pocket on the front right leg
- Shown with RESCUE branding, can be branded with your company artwork
- Dunlop Purofort full safety standard wellington boots fitted (available with socks please enquire)

Available in sizes : S, M, ML, L, XXL

Boot sizes: UK 4 - 13 (EU 37 - 47)

**Custom modifications can be made to this surface suit please contact a member of the sales team to discuss your requirements in more detail.**



**Photographed with an inflatable air track.  
Data sheet available for this product - please ask.**

#### DESCRIPTION

SURFACE SUITS

STOCK CODE

RESCUE-DRYSUIT-SIZE





# 150N AUTOMATIC LIFE JACKET

Tested to ISO 12402-3



This automatic inflating lifejacket has an integral harness and is suitable for coastal and offshore use with foul weather clothing.

It offers both automatic and pull cord manual inflation. It also has the facility to manually top up air via a tube. Integrated harness offers a stainless steel fittings including a 'D ring' for attaching a lifeline. Adjustable crotch strap and reflective SOLAS grade tape on inflating bladder and jacket.

**Features**

- Ideal for everyday use
- Easily re-packable
- For use with light work gear
- Durable, long lasting outer cover
- Velcro closing burst jacket
- Holds a 33g CO2 inflation cylinder
- Supplied with pealess whistle and oral inflation tube
- Red/Silver nylon fabric. *Note: jacket colours can be changed*
- Red neoprene neck protector
- SOLAS approved reflective strips
- 50mm x 50mm 4-way lash tab
- Printed logos and information
- Zipped pocket on left side
- Plastic D-ring on left side
- Harness belt with stainless steel 'D' ring quick release buckle
- Fitted quick release crotch straps with reflective thread

**Sizes available : one**

**Printed artwork on bladder**

SERIAL-NO				
	SERVICE STATION	DATE		
🔧 2 YEARS		OVERPRESSURE TESTED <input type="checkbox"/>		

TEST THIS DEVICE AT THE BEGINNING OF EACH SEASON AND PRIOR TO A PROLONGED USE. WE RECOMMEND THIS DEVICE BE SERVICED BY NORTHERN DIVER AT LEAST EVERY 2 YEARS. REFER TO USER MANUAL FOR INFORMATION.

THIS DEVICE ONLY REDUCES THE RISK OF DROWNING IT DOES NOT GUARANTEE RESCUE. DO NOT USE AS A CUSHION. STORE IN A COOL DRY PLACE. CLEAN WITH FRESH WATER AFTER USE.

**150**

**AUTOMATIC  
150N LIFEJACKET**

+44 (0)1257 25 44 44  
[www.ndiver-rescue.com](http://www.ndiver-rescue.com)

<b>DESCRIPTION</b>
LIFE JACKETS
<b>STOCK CODE</b>
LIFE-JACKET-150-AUTO

*\*Please note colours/logos may change from the development sample shown in the photos*



0098/17

# SOLAS APPROVED EQUIPMENT



**APPAREL & EQUIPMENT**

**WE HAVE A RANGE OF PPE FOR  
THE OFFSHORE RENEWABLES INDUSTRY**



# SOLAS APPROVED TRANSIT SUIT

SOLAS approved  
LSA Code: IMO MSC.81 (70).

The SOLAS approved Transit Suit is designed for transit by boat on water, for example when travelling to a windfarm to commence work. The suit also performs well for similar on-water activity where warmth and protection from the water are essential.

The suit's material is waterproof and it features super-soft neck and wrist seals to protect from water sprays, splashes and falling into the water.

A host of useful features complement this rugged suit, including Kevlar® reinforcement, an integrated hood, a comfortable adjustable collar, multiple pockets with different functions, a snap hook and a pee-less whistle.

The Northern Diver Transit Suits are fully SOLAS approved.

Flexi-Light sticks can be purchased separately to fit inside the Transit Suits removable right arm pocket.

**Sizes available: S, M, L, XXL, XXXL**

1. 320D fully breathable suit fabric / socks
2. Neoprene neck fitted with protective collar and integrated, high vis hood
3. YKK® Aquaseal® waterproof zipper
4. Neoprene seals with protective cuffs
5. Left chest pocket
6. Right fully dry smart pocket
7. Left chest radio pocket (removable)
8. Glove pockets on both arms (neoprene gloves included)
9. ID pocket fitted on both glove pockets
10. Bellows leg pockets
11. Kevlar® knee and seat areas
12. 25mm reflective bands and piping



HOOD FOLDS AWAY INTO COLLAR



HIGH VIS HOOD WITH REFLECTIVE



VELCRO CLOSING COLLAR



COLLAR NEATLY FOLDS AWAY



ZIPPED DRY CHEST POCKET



CARABINER AND PEE-LESS WHISTLE



REMOVABLE RADIO POCKET



VELCRO CLOSE BELLOWS POCKETS



CUFFS PROTECT THE SUIT SEALS



VELCRO ARM GLOVE POCKETS



NEOPRENE GLOVES ATTACHED

## DESCRIPTION

SURFACE SUITS

STOCK CODE

TRANSIT-SUIT-SOLAS-SIZE

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM



# SOLAS APPROVED

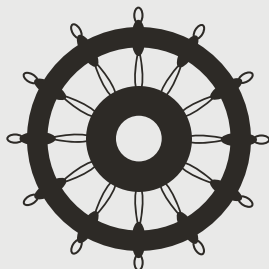
## 275N TWIN CHAMBER LIFE JACKET

### Features

- Red PVC outer shell
- Thickness of PVC : 0.5mm, weight : 630g per sq/m and the 5cm breaking strength is over 120kg
- Two independent bladders, urethane coated bladder material for superior strength and durability
- Two UML automatic inflators
- One Halkey-Roberts oral inflator
- Rescue light
- Buddy line
- UTX signal whistle
- SOLAS certified reflective tape
- Stainless-steel adjuster
- Lifting loop
- Dual YKK 1" quick burst zipper
- Weight: 1.6kg per life jacket
- Inflated dimensions: 70cm length\* 40cm width \* 15cm height
- Thickness of bladder fabric : 0.3mm
- Weight : 280g per square meter
- The 5cm break ing strength is over 100kg

Sizes available : one

Colours : as illustrated



# 0098/17

### DESCRIPTION

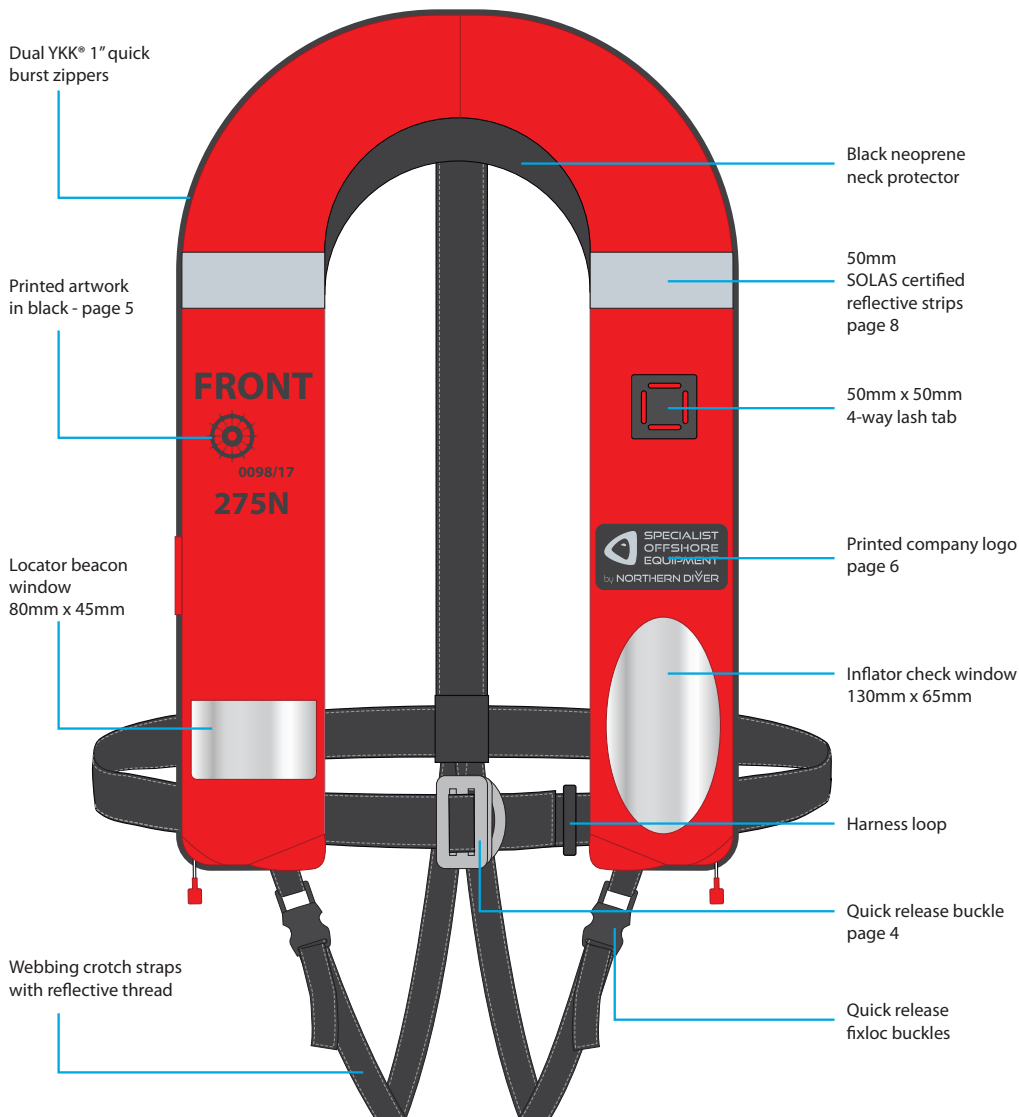
LIFE JACKETS

### STOCK CODE

LIFE-JACKET-TWIN275-RED

**NORTHERN DIVER**

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM



# TRANSIT TRAINING SUIT

CONFORMS TO : BS EN 14225-2:2005

This suit has been fully tested and conforms with the requirements of the following standards harmonized with the PPE Directive No. 89/686/EEC, EN 14225 - 2 : 2005 EN ISO 15027 - 1 : 2002, EN ISO 15027 - 3 : 2002 EN 343 : 2003 + A1 : 2007 (Fabric)

Offshore suits can be custom made as the yellow design below shows. Designed and manufactured for Falck Safety Services.

## Sizes available: STOCK SIZES & MTM

Membrane suit fabric

Neoprene neck and wrist seals

YKK® Aquaseal® waterproof zipper

Velcro closing protective zip flap

Pull to remove protective cuffs

Vent valves fitted if required

Heavy duty lifting handle fitted on the back panel

Bellows pockets fitted to front of legs, company logo printed on one pocket and user instructions for the suit printed on the other

Glove pockets on both arms (neoprene gloves included)

Kevlar® seat area

Breathable socks with Kevlar® panels

Logos printed - can be changed to suit customer specifications

## Please note:

Transit training suits can be made to order and customer can build the suit to their exact specifications.

Contact us to discuss.



## DESCRIPTION

SURFACE SUITS

STOCK CODE

TRANSIT-TRAINING-SUIT-SIZE

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM



# THERMALUX

Conforms to the health and safety requirements stated in Annex II of the PPE Directive 89/686/EEC

TOG RATING : 2.3



Inner fleece lining



Stretch panels



Elastic thumb loops and stretch panel cuffs



2x pockets



High Tech Fleece / Lycra Mix Provides Superb Insulation & Incredible Flexibility. Thermalux® undersuits offer a lightweight solution to keeping warm.

The microfibre and fleece layers help retain body heat without excessive bulk. Flexible panels in the lower back, shoulders, cuffs and feet provide additional flexibility, allowing exceptional freedom of movement without sacrificing warmth.

Ergonomically designed stretch leg and foot stirrups ensure the garment stays in position during use, keeping material movement to a minimum and avoiding uncomfortable creasing between the outer garment and your skin.

## Features

- Manufactured from fleece & microfibre
- Comfort and flexibility
- 100% breathable microfibre outer shell
- Lies smoothly against drysuit seals
- High tech fleece/lycra mix provides superb insulation & incredible flexibility
- Super-absorbant micro-fleece inner lining
- Ultra Lightweight
- Quick-Drying
- Bacteria & fungus resistant
- Elasticated lycra fleece comfort zone panels provide flexibility and comfort
- Thermalskin cuffs and foot stirrups
- Pockets on the hips
- Two-way zipper

## Sizes available:

XS, S, M, ML, MLR, L, LR, XL, XLR, XXL, XXLR, XXXL



Supplied with a drawstring bag

## DESCRIPTION

UNDERSUITS

STOCK CODE

THERMALUX-'SIZE'

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM



# THERMICORE

## SUB ZERO

Conforms to the health and safety requirements stated in Annex II of the PPE Directive 89/686/EEC

TOG RATING : 1.4

The Thermicore 3-piece undersuit provides fantastic thermal protection, above or below the surface. This undersuit is available to buy in 2 thicknesses. The Thermicore and the thicker version the Thermicore Sub Zero.

Each 3-piece system is comprised of a top, bottoms and socks. Each garment fits closely to the body to maximise its thermal performance and ensure that you remain comfortable when diving.

### Thermicore and Thermicore Sub Zero features:

- Durable outer shell
- 1 layer super-soft fleece interior lining
- Seams are flatlock stitched
- Super-soft fleece comfort collar
- Integrated foot stirrups
- Elasticated adjustable waistband
- Elastic thumb stirrups
- Red or silver stitch detailed finish (Red stitch whilst stocks last)
- Abrasion resistant overprinting (Available on selected styles/sizes)
- Low profile sock seams
- Supplied with drawstring carry bag

It's well-known that when diving, some feel the cold much more than others. Depending on the depth that you go to and the time of year in which you are diving, temperature also fluctuates. With this in mind, we have developed the Thermicore Sub Zero, a thicker version of the Thermicore.

### Thermicore Sub Zero additional features:

- Additional zipped arm pocket
- An additional super-soft fleece interior lining, making the undersuit thicker and perfect for more extreme conditions.

*\*Please note various styles of these undersuits are available. Contact us for up to date stock information.*

Sizes : S, M, ML, L, LR, LT, XL, XXL, XXXL

#### DESCRIPTION

UNDERSUITS

THERMICORE STOCK CODE

THERMICORE-'SIZE'

SUB ZERO STOCK CODE

THERMICORE SUB-ZERO-'SIZE'

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM



Sub Zero version: additional super-soft fleece lining

Sub Zero version: zipped arm pocket

Integrated foot stirrups

# METALUX

## ARCTIC

Conforms to the health and safety requirements stated in Annex II of the PPE Directive 89/686/EEC

200gsm TOG RATING : 4.3  
300gsm TOG RATING : 4.4

Metalux® is a unique undersuit material, insulating and reflecting a diver's heat back to the body. This has been developed into an enviable reputation for being one of the most effective, lightweight, high performing insulative materials available. Designed to reduce air movement and reflect thermal radiation.

Metalux® retains its impressive insulating qualities when wet or compressed and the quilted construction retains thermal integrity throughout the life of the garment. The material is fleece-lined for comfort, bacteria /fungus resistant and will withstand multiple washes. Suitable for use in conjunction with all our neoprene and membrane drysuits.

This model is suited to more extreme diving conditions and/or for under drysuits without thermal properties.

Flexible panels in the lower back, shoulders, cuffs and feet give exceptional freedom of movement, without sacrificing warmth.

- Lightweight & durable
- Fleece-lined
- Quick-drying design
- Bacteria and fungus resistant
- Zipped chest pocket
- Pockets on hips
- Elastic foot stirrups
- Two way YKK® zip
- Drawstring mesh bag supplied

### Sizes available :

S, M, ML, MLR, MR, MLT, L, LR, LT, XL, XLR, XLT, XXL, XXLR, XXXL, XXXLR



Inner fleece lining



Zipped left chest pocket



Pockets on the thighs



Supplied with storage bag

### DESCRIPTION

UNDERSUITS

THERMOCORE STOCK CODE

METALUX-ARCTIC-'SIZE'

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM

# METALUX

## TEMPERATE

Conforms to the health and safety requirements stated in Annex II of the PPE Directive 89/686/EEC

TOG RATING : 4.2

Metalux® is one of the most lightweight, high-performance insulating materials available.

It is designed to reflect thermal radiation and reduce air movement, even when wet or compressed.

It retains its thermal integrity throughout the life of the garment, which is hard-wearing and machine washable.

This model is most commonly used for UK summer diving conditions and/or with drysuits that have thermal properties.

You'll also get a convenient black drawstring carry bag that's complete with logo and mesh panelling.

Flexible panels in the lower back, shoulders, cuffs and feet give exceptional freedom of movement, without sacrificing warmth.

- Lightweight
- Fleece-lined
- Quick-drying design
- Bacteria and fungus resistant
- Zipped chest pocket
- Pockets on hips
- Elastic foot stirrups
- Two way YKK® zip
- Drawstring mesh bag supplied

**Undersuit - 100 gsm**

**Sizes available :**

S, M, ML, MR, MLR, L, LR, LT, XL, XLR, XLT, XXL, XXLR, XXXL, XXXLR



Flexible panels on the cuffs



Zipped left chest pocket



Pockets on the thighs



Inner fleece lining



Flexible foot stirrups



Supplied with storage bag

DESCRIPTION

UNDERSUITS

THERMICORE STOCK CODE

METALUX-TEMP-'SIZE'-

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM





The Bodycore undersuit is also available in a thicker **Sub-Zero** version for more extreme conditions

#### STOCK CODE

BODYCORE-SUB-ZERO-SIZE



Available in sizes :  
S, M, ML, L, XL, XXL, XXXL

#### DESCRIPTION

UNDERSUITS

#### STOCK CODE

BODYCORE-SRE-SIZE



The Bodycore undersuit is suitable for general use in warmer months and as an additional base layer in colder months. In colder months the undersuit is also suitable as a single base layer for vigorous activity such as manual labour or aggressive swimming.

The Bodycore is manufactured from wicking fleece and has a protective exterior finish. It's an all-in-one garment, secured at the front with a YKK® zip and a velcro closing neck collar.

The undersuit features foot stirrups, which are worn when the undersuit is in use to help keep it in place. The Bodycore also features handy thumb stirrups to be worn when pushing your arms through the arms of your drysuit, this stops the undersuit's arms from rucking up.

#### Features:

- Wicking fleece construction with protective exterior finish
- Comfort and flexibility
- Ultra Lightweight
- Foot and thumb stirrups
- Two-way zipper
- Front entry top quality YKK® zip
- Velcro closing collar

# 1000KG R-VEST BACK PACK WITH SLIDER BUCKLES

Tested and compliant  
with EN 15333-1:2008

Our Northern Diver R-Vests have been developed to assist divers. Rather than have several cumbersome items of kit, R-Vests enables you to replace them with this one, easy to don jacket. Also known in the industry as recovery vests, our R-Vests combine a recovery harness, cylinder attachment, quick-release weight belt and work vest with tool attachment points into one body-hugging unit.

With an overall breaking strength of 1000kg, which we've had independently tested, our Northern Diver R-Vests surpass the requirements set by the Association of Diving Contractors International. They're manufactured and tested to being IMCA's guidelines as well as being EN 15333-1:2008 compliant.

The waistcoat style we've adopted for our R-Vests is available in 2 different sizes. So you can choose the right fit for you:

- Chest Size: STANDARD | 91cm - 116cm  
36" - 46"
- Chest Size: XL | 121cm - 162cm  
48" - 64"

#### Features:

- Manufactured & tested in accordance with ADCI guidelines
- Each of the 9 D-rings has been independently tested to a breaking strength of 1000kg
- Quick release sat bag for tools
- Quick release weight pockets
- Loop for carrying hammer
- Backpack with cam band for attaching cylinders
- Adjustable waist and crotch straps
- 316 Stainless Steel Marine Grade fittings.

We also manufacture R-Vest Commercial Tool Bags and additional R-Vest pockets which are available to purchase separately.



## SAT BAG

Available to buy separately



## POCKETS

Available to buy separately



#### DESCRIPTION

R-VESTS

STOCK CODE

R-VEST B/P

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM



# 3MM & 5MM

Conforms to the health and safety requirements stated in Annex II of the PPE Directive 89/686/EEC

# MILITARY GRADE KEVLAR® GLOVES

## 3mm Kevlar® gloves:

- Manufactured using superior superstretch neoprene
- Incorporates the Ti-Ax heat reflective lining system
- Ultra hard-wearing Kevlar® coated palm and finger tips
- Superb 3mm flexibility (for warmer waters)
- Fantastic fit - additional wrist strap is no longer required

Available sizes : S, M, L, XL

## 5mm Kevlar® gloves:

- Manufactured using superior superstretch neoprene
- Incorporates the Ti-Ax heat reflective lining system
- Ultra hard-wearing Kevlar® coated palm and finger tips
- Additional glass fibre reinforcement on finger pads
- Improved polymer coating on finger tip seams
- Fantastic fit - additional wrist strap is no longer required

When diving incorporates more extreme conditions, these DuPont™ Kevlar® enhanced gloves give extra strength and protection, without compromising on hand comfort, ease of use or underwater hand dexterity.

The 3mm thickness option provides the ultimate dive glove combination of 3mm flexibility and luxurious Super-Stretch Neoprene comfort, with ultra hard-wearing Kevlar® protection, perfect for warm water wreck diving.

The 5mm thickness option, designed for more extreme diving conditions or colder waters, are ideal when additional thermal protection is also required, resulting in the ultimate hard-wearing Neoprene commercial diving glove.



## DESCRIPTION

GLOVES

## STOCK CODE

GL'THICKNESS'-K-'SIZE'

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM

# 2MM, 5MM & 7MM

Conforms to the health and safety requirements stated in Annex II of the PPE Directive 89/686/EEC

# HEAVY DUTY SUPERSTRETCH GLOVES

## Features

- Constructed from unique 4-way superstretch neoprene
- Unique Ti-Ax™ super-warm titanium inner lining
- Additional high-grip silicone overprint texturing
- Self-moulding design
- Superb comfort
- High performance
- Super easy to use/don
- The preferred choice of scuba divers and diving schools
- Superior flexibility
- Perfect for land or surface use

Sizes available : S, M, L, XL

Thicknesses available : 2, 5 & 7mm

These gloves are manufactured from our unique 4-way superstretch neoprene and come with liquid taped seams and reinforced glass powder printing in high wear areas. The inside of the gloves are lined with a Ti-Ax™ super-warm titanium inner lining.

For warmer water or surface use, we recommend the 2mm option. Our 5mm and 7mm options are ideal for cooler conditions, where thicker gloves are essential. Even at top thickness, these gloves don't compromise dexterity.



# *SUPERSTRETCH*

Available in 2mm, 5mm & 7mm neoprene



## DESCRIPTION

GLOVES

## STOCK CODE

GL'THICKNESS' S/S-HD-'SIZE'

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM



**[ Ansell Extra™ glove ]**

- 100% natural rubber with no filters
- Extremely high resistance to many ketones, salts, detergents, alcohols, alkalis and fats
- Excellent resistance to mechanical hazards
- 100% cotton sock lining makes for a softer, more comfortable glove that helps absorb perspiration
- Chlorinated for better grip and increased chemical resistance

**[ Thermal fleece inner glove ]**

- Thermal 4-way stretch fleece
- Flatlock stitched seams for comfort
- Snug fit around wrist area for additional thermal protection
- Removable for warmer waters, or for use post-dive
- Machine washable

**[ Dry glove ring modules ]**

The robust housing that brings the system together. These modules lock the system in place and are equally used to disengage the system by means of the twin-safe rotating ring and button mechanism.

**[ Sealing rings ]**

- Red: This large ring is used for thinner drysuit wrist seals such as latex
- Grey: This ring is used for thicker drysuit wrist seals such as neoprene
- Blue: This intermediate ring can be used in place of the red or grey ring to fine tune the fit

Gloves conform to the requirements of European Directive 89/686/EEC and to the European standards EN420:2003 + A1:2009, EN374:2003 and EN388:2003.

Our innovative Dry Glove Ring System is trusted by recreational, technical and commercial divers around the world in an incredibly diverse range of diving conditions, including contaminated water environments.

The system has been designed for use with neoprene or membrane drysuits that have either latex or neoprene wrist seals. It'll fit almost any suit at almost any stock size. There should never be a fitting issue with a drysuit with latex seals as they're set stock sizes; for fitting on a suit with neoprene seals, if you're concerned, we'd advise you to consult us about it first. The fitting of the Dry Glove Ring System doesn't impact the integrity of the drysuit seal in any way. The best part of the system is that it essentially adds another seal and with this inner and outer gloves, you're wearing an additional set of gloves for your dive. This will help you stay warm when diving in cooler climates for longer.

Once fitted to the drysuit, the twin-safe locking ring mechanism gives simple, secure glove engagement. Releasing the gloves when required is equally as straightforward. One of the main benefits of the Dry Glove Ring System is that you can take the ring system on and off as required making it incredibly versatile, it doesn't affect the form, function or fit of your suit in any way.

Included in the Dry Glove System package are the pair of Ansell Extra™ gloves, thermal fleece inner gloves, two dry glove modules, three sealing rings, a locking tool and an adhesive sealant\*.

An instructional video for fitting is available on our YouTube channel. You can also access this video via the link on the left hand side of this page.

**We offer a fitting service for an additional fee. Please contact us to enquire.**



**DESCRIPTION**

DRY GLOVE RING SYSTEM

**STOCK CODE**

GLDRY-SYSTEM-V3-'SIZE'

# ROCK SWIM SAFETY BOOTS

Our Safety Rock Swim Boots can be used with most models of drysuit, with attached latex/neoprene socks or wetsuit socks.

These boots are designed to expel water post-dive, to increase comfort and retain foot protection out of water.

Equally, they are also suitable for traveling to a dive site, as they can be worn with or without additional socks and fins can be directly fitted over the boots.

Providing far greater protection than our Standard Rock Swim Boots, essential when more substantial PPE is required.

Allowing maximum comfort and control, these boots will allow the wearer to perform their tasks on dry land, in and under water.

This safety footwear complies with the EC directive for Personal Protective Equipment (Directive 89/686/EEC) and meets the requirements of the European standard EN ISO 20345:2004.

This is certified by Intertek UK Limited (Centre Court, Meridian Business Park, Leicester, LE19 1WD, Notified Body No 0362).

In addition, this footwear is manufactured using both synthetic and natural materials, which conform to the relevant sections of EN ISO 20345 (for performance and quality).

- Composite toe and mid-sole foil
- Tested to EN ISO 20345 standard
- Rugged hi-grip heavy-duty outer sole
- Oil and chemical resistant
- Suitable for use in and out of water
- Multi-point hook and loop fastening
- Securing straps
- External ankle protection
- Over-cladding protection on heel, toe and sides
- Fabric spec : nylon

NSN: 4220 - 99 - 891 - 7760

Sizes available: UK 5 to UK 13



## DESCRIPTION

FOOTWEAR

STOCK CODE

BOOT-COMPOSITE2-'SIZE'



# FREESTYLE WATER RESCUE SAFETY BOOTS V2

Tested to EN ISO 20345 standard

Northern Diver's Freestyle Safety Boots are manufactured using both synthetic and natural materials, which conform to the relevant sections of EN ISO 20345:2011, for the performance and quality of safety boots.

Incorporating lightweight, protected toe-caps and protected cloth mid-soles, Northern Diver Freestyle Safety Boots provide comfort, control and protection. They allow your rescue professionals to feel confident to perform their tasks on dry land, in water or in a combination of both environments

In fact, our Freestyle safety boots conform to category S3 SRC of the European standard EN ISO 20345: 2011 in accordance with Article 10 of the Personal Protective Equipment Directive (89/686/EEC).

The S3 slip resistance requirements meaning they've been tested for forward slips on the heel and flat surfaces on steel floors with glycerol and ceramic tile floors with SLS. On both they've been highly friction coefficient. This slip resistance comes from their high quality rubber EVA non-slip sole and composite toe. In terms of rescues, this enables exceptional grip on wet or unstable surfaces, moss, seaweed and many other hazardous surfaces.

Their Class I, S3 status for EN ISO 20345: 2011 safety footwear means your team will benefit from boots that are penetration resistant and have a cleated sole. In addition to this, they conform to the SB, S1 and S2 requirements. That means our Freestyle Safety boots are impact resistant to 200 joules, are antistatic and have water absorption and water penetration properties as well as energy absorption around the heel.

Our Freestyle Safety Boots incorporate strengthened stitch seams for long term durability, they're abrasion resistant and have external heel protection. Their wicked inner lining and the drain holes on the inner side draw away any dampness that may occur during use. The neoprene insoles provide extra comfort while the two Velcro closing straps and the quick release closure system make our Freestyle Safety boots secure but easy to take off at speed if needed.

Northern Diver Freestyle Safety Boots perform at their best when used in conjunction with latex or neoprene drysuit socks, wetsuit socks or as part of the complete Northern Diver Specialist Rescue System.

Available sizes : UK 5 - UK 14, "over sized"



FRONT VIEW

BACK VIEW



SOLE VIEW



DESCRIPTION

FOOTWEAR

STOCK CODE

BOOT-CANYON-'SIZE'

# R.A.I.D.

## CASES

IP67 - protected from dust and capable of withstanding water immersion between 15 cm and 1 meter for 30 minutes.

Professional protective cases. Made of high impact ABS with IP67 protective degree, R.A.I.D Cases provide ultimate protection for carrying equipment such as laptops, rifles, shot guns, cameras, radios, rescue and military equipment and more.

Injection moulded cases can withstand the strains of floodwaters and can even be submerged\* and still keep all valuable devices safe and dry. They protect your delicate equipment from handling abuse and the most extreme and hazardous conditions. Shock proof, dust proof, waterproof, un-crushable, anti-chemical corrosion, high temperature resistance. High performance against breakage and defects from outdoor military use with a lifetime guarantee

*\*IP67 - protected from dust and capable of withstanding water immersion between 15 cm and 1 meter for 30 minutes.*

**Military use:** Protecting and transporting guns and ammo, equipments for communication, EOD medical, etc.

**Industry use:** Good companion for your precision meters, the R.A.I.D Cases not only offer better protection but are also portable and make outdoor work easier.

Professionally designed and developed strictly complying with the highest safety protection standard.

Patented material with a fantastic weather proof ability.

Case body is anti-ultraviolet.

Advanced valve design, avoid troubles of pressure differences.

Pick and pluck interior (selected models).

Patented design: seal has a IP67.

Material : engineer pp and glass fiber.

Available in 3L, 6.5L, 15L, 17.9L, 35.5L, 54L, 84L, 113L & 154L .

Other sizes available upon request.

Ergonomic side carry handles.

Retractable top handle (selected models).

Wheels: Stainless steel ball bearing wheels on selected models.

Colours: black (contact us if you require a different colour).

**More information on each case available to view at [www.raidcase.com](http://www.raidcase.com)**



**Robust.  
Airtight.  
IP67.  
Dust-proof.**

**REQUEST A  
FULL BROCHURE  
FROM US FOR  
MORE INFO**

### DESCRIPTION

CASES

### STOCK CODE

CASE-RAID-'L'-'PART-NO'

**NORTHERN DIVER**

+44 (0) 1257 25 44 44 | [INFO@NDIVER.COM](mailto:INFO@NDIVER.COM)

VISIT [WWW.NDIVER-RESCUE.COM](http://WWW.NDIVER-RESCUE.COM)



# 160L NDB5 HOLDALL 2016

Our NDB5 bag range is constructed from PVC top spec material and is fully washable inside and out. This strong and spacious holdall is ready for action across a wide range of diving scenarios. It's capacity should swallow up your bulky gear with ease.

These bags are renowned for their robust construction and durability making them the first choice for countless divers all over the world and are also supplied to the UK MOD who only use the best.

- Spacious main compartment
- D-zip opening with a weather protective zipper flap
- Internal mesh pockets
- Additional reinforcement on the base
- Comfortable top-mounted handle
- Four compression straps
- Webbing loops running down both sides of the bag – can be used with a carabiner or similar to attach items
- Adjustable and removable alpine-cut shoulder straps with an ergonomic fit
- Twin haul handles on either end
- Water-resistant, rugged design with extra bartacks and double stitching
- Washable inside and out
- Inner zipped nylon bag included
- Optional roll up changing mat\*
- Available in blue, black and red
- NSN: 8415-99-601-7198

Dimensions :  
97cm length, 45cm width, 37cm height  
Weight : 3.5kg

An inner dry clothes bag (right) is supplied with every NDB5 bag.  
Dimensions: 55cm length, 38cm width, 20cm height

Please note the style of NDB5 bags may vary from photos shown.



## DESCRIPTION

BAG

STOCK CODE

NDB5-'COLOUR'

**NORTHERN DIVER**

+44 (0) 1257 25 44 44 | [INFO@NDIVER.COM](mailto:INFO@NDIVER.COM)  
For more visit [www.ndiver.com](http://www.ndiver.com)

# VOYAGER LIGHTWEIGHT TRAVEL BAG



The Voyager Lightweight Bag is perfect for those who need a lightweight bag for their diving equipment that does not skimp on size and capacity. Speaking of capacity, the Lightweight can house a considerable 136 litres.

Two zipped compartments provide this capacity: one large main compartment and a smaller end compartment. Both are finished with a Northern Diver branded liner. To keep smaller diving items secure, the main compartment incorporates a zipped mesh pocket. The bag is also supplied with a Northern Diver wash bag.

To ensure that your equipment travels safely to the dive site and back, the sides of the Voyager Lightweight Bag are protected by a stylish nylon overlay. A rigid base with a protective PVC exterior runs the length of the bag and up both ends.

To top it off, the base features plastic runners and two wheels, protected by wheel-guards, at one end; the bag is towed on these wheels with an all-new removable tow strap. At the other end, coiled guards protect the bottom corners of the bag. As you may have deduced, this lightweight bag is remarkably hard-wearing and also water resistant.

The Voyager Lightweight Bag strikes an effective balance between weight and capacity. Add to that the superb build quality and you have a strong, lightweight and generous dive bag. Need we say more?

## Features:

- Length: 81 cm
- Width: 40 cm
- Height: 42 cm
- Internal Volume: 136 ltr
- Weight: 3.8 kg
- Top-mounted carry handle
- Handles at both ends
- Removable tow strap
- Protective PVC base
- Plastic runners on base
- Wheel and corner guards
- 2 zipped compartments
- Luggage tag window
- Ripstop nylon fabric



Wash bag

## DESCRIPTION

TRAVEL BAGS

## STOCK CODE

VOYAGER LIGHTWEIGHT

**NORTHERN DIVER**

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM

For more visit [www.ndiver.com](http://www.ndiver.com)



# 90L SUBSAC

## DRY SEAL ROLL TOP HOLDALL

Manufactured from the same strong black 420D TPU that our latest dry bag range is made from. This roll top holdall holds an incredible 90L and is fitted with the same 100% water/air tight dry seal. Completely leak proof this bag will not fail you in any scenario.

Fitted with an air purge valve to help compress your kit and supplied with adjustable alpine-cut shoulder straps which have built in quick release buckles for when you want to remove and store straps away.

Designed with one large spacious compartment to fill with your kit and fitted with multiple compression straps to reduce the size of the bag when needed. Also featuring high quality plastic D-rings and webbing loops that run down either side of the bag can be used with a carabiner or similar to attach your equipment.

All bags can be customised to suit the user with name and/or logos. You must contact the team to discuss these requirements.



(LxWxD) : 750x400x300mm 1.7kg



1. Grip the bag seal with both hands, inserting thumbs through the grip tabs



2. Squeeze and kink the seal into both hands and create an 'S' shape



3. The bag will unseal automatically if you use the points above correctly

### DESCRIPTION

DRY SEAL ROLL TOPS

STOCK CODE

DRYBAG-SUBSAC90-K

NORTHERN DIVER

+44 (0) 1257 25 44 44 | INFO@NDIVER.COM

# MEDICAL KITS

## DMAC Kit

The Diving Medical Advisory Committee (DMAC) specifies medical kits that they recommend to be held on the surface and in saturation chambers at dive sites.

The kits include equipment for use in an immediate first aid situation, equipment and drugs that may be used by personnel with advanced medical training such as a dive medic.

Designed to include items that would be commonly used in an emergency situation during diving operations in a remote location the kits are an essential component at a dive site.

We can also provide an inspection and replenishment service for DMAC kits to ensure that all items are safe to use and within expiry dates.

**STERILE SUPPLIES, DRESSINGS, SUNDRIES AND URINARY, DIAGNOSTICS, FLUIDS, DRUGS AND DEFIB INCLUDED.**

Visit [www.ndiver-commercial](http://www.ndiver-commercial) for a full list of contents.



## Bell/ Chamber Kit

Can be supplied in a soft bag or Peli style case.

### SUPPLIES INCLUDED

Clinical waste bags, Combat Application Tourniquet, Crepe bandages, EMERGENCY CARE BATTLE FIELD DRESSING/BANDAGE - MILITARY, Guedel Airways, Hand operated manual suction pump, Microporous Tape, Peli Storm im2200 Case, Pocket Mask Resuscitator, Resus Masks, Soft Vinyl Steril Powder Free Medical Gloves, Space Rescue Blanket, Sterile Disposable Yankauer Suction Cath, Steroplast Wound Dressings, Stifneck Cervical Extrication Collar, Triangular Bandage, TUFFCUT Scissors, Guedel Airway.





# MASKS AND COMMUNICATIONS



**FULL-FACE MASKS (FFMS) | HARDWIRE COMMUNICATIONS  
EARPHONE/MICROPHONE ASSEMBLIES**

# OTS SPECTRUM FULL-FACE MASK



The Spectrum Mask from OTS has created the best of both worlds for divers. You can enjoy the benefits and luxury of a FFM while also using your own regulators, thus eliminating the large costs usually associated with Full Face Masks. Ocean Technology Systems say they've created the best FFM on the market and it's the Spectrum.

The Spectrum offers exceptional viewing and a wide field of vision. The Spectrum FFM is designed for water temperatures below 10°C and it's suitable for cold-water diving applications, however, please remember that ultimately the 2nd stage regulator being used dictates its cold water performance.

## Specifications:

- Full Face Mask (FFM) design
- Visor Provides an Exceptional and Wide Field of Vision
- Secure 5-point head harness
- Suitable for cold water diving applications
- Coated tempered glass/Iridium safety visor
- Silicone Skirt
- Black Polyphenylene Sulfide (PPS)
- Upper / Lower Visor Clamps
- Tempered glass or Iridium visor / lens
- EPDM (natural rubber blend) Strap and Mask
- Glass filled Zytel® buckles and buckle locks
- Glass filled Zytel® inner frame

**The OTS Spectrum Full-Face Mask has been tested to meet EN 250:20141 European Standards and has a maximum diving depth of 50m (164'). It's also been tested and meets EN12021 which is for diving applications with breathing air.**



## DESCRIPTION

FULL FACE MASKS

## STOCK CODE

920036

**NORTHERN DIVER**

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For more visit [www.ndiver.com](http://www.ndiver.com)



# OTS GUARDIAN FULL FACE MASK



The Guardian line of Full-Face Masks (FFMs) is OTS' most recent innovation. Designed to meet the demanding needs of today's Commercial/Professional Diver, it leverages the best features found on other FFMs with unique features designed by OTS.

The second stage regulator is horizontally mounted close to the diver's face. This design minimizes the difference in ambient pressure exerted on the second stage diaphragm and on the diver's body irrespective of the diver's position—eliminating the need for manual adjustments.

A locking mechanism secures the second stage to the mask to allow removal for post-dive cleaning and storage. As a safety precaution, the locking mechanism is located inside the mask to prevent accidental release during diving.

Another noteworthy design feature is the use of a double face seal. This allows a single mask to fit more faces. No more use of rubber tubing to fit smaller faces, measuring faces to order the right size FFM, or not being able to share masks amongst large and smaller faced divers.



Removable 2nd stage for easy cleaning and storage (can't be used w/o mask)

Made of a one-piece, non-rigid silicone skirt combined with injection-moulded, high-impact, glass-filled ABS plastic frame and regulator housing

A double face seal and slightly smaller oral nasal cavity to fit most faces

Equalization occurs through a nose block

Air flow is directed up over the visor to eliminate fogging and through one-way valves in the oral nasal pocket to reduce CO2 retention

2nd stage comes off the right shoulder and uses a standard LP hose

Includes a communications port for easy installation of a Buddy Phone® or ear/microphone assembly to connect an Diver Communications Unit such as the Aquacom® SSB-2010

Includes Ambient Breathing Valve®, Mask Bag, and LP hose



Black/Black; GRD-BB-1    Blue/Black; GRD-UB-1    Yellow/Black; GRD-YB-1



Black/Pink; GRD-SP-1    Black/Green; GRD-BG-1    Black/Blue; GRD-BU-1    Black/Red; GRD-SR-1

## DESCRIPTION

FULL FACE MASKS

STOCK CODE

OTS-GRD-COLOUR

# EM-OTS2DUAL EARPHONES & MICROPHONE



Earphone/Microphone Assemblies are designed to allow the user to connect either Hard-wire or Through-water communications to a helmet or full face mask (ffm).

EM-OTS2 is configured with Hot Mic® noise cancelling, salt-water resistant, pressure-resistant studio quality microphone.

All standard E/M Assemblies include a Push-to-Talk (PTT) button used only for through-water communications; dual 150-ohm earphones, and earphone covers.



## DESCRIPTION

OTS PRODUCTS

## 2.5MM STOCK CODE

OTS-EM-OTS2

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WWW.NDIVER-COMMERCIAL.COM



# OTS MK-7 BUDDYLINE 2-DIVER STATION



The MK-7 BuddyLine is a compact, self-contained air intercom that gives clear communications in the 4-wire mode (round robin). The MK-7 was specifically designed for Search & Rescue teams to have an underwater communication device that required minimal set-up time.

## Features:

- Mode: 4-Wire
- Number of Divers: 1 or 2
- Transmit Control: n / a
- Microphone / Speakers / Earphone: THB-7A headset included
- Rec Out / Auxiliary Speaker: Converter on host connector
- Battery Type: Eight AA alkaline batteries or RB-11 NiMH rechargeable battery pack
- Battery Life (10% xmit duty cycle): 12 hrs using eight AA alkaline batteries
- Low Battery Indicator: n / a
- External Power Source: n / a
- Housing: Injection-moulded, high-impact plastic
- Dimensions (H x W x D) & Weight: Height: 6.725" from bottom of unit to top of connector Width: 4.35" from latch to latch Depth: 3.0" from front knob to rear buckle Weight: 1.5 lbs (with batteries)



## DESCRIPTION

OTS PRODUCTS

## 2.5MM STOCK CODE

900104-000

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# FLOATING COMM CABLE

Floating Communications Cables were made with Public Safety and Aquarium divers in mind. This buoyant cable helps minimize entanglements hazards by keeping the bulk of the cable on the surface.

The floating cable also reduces the amount of "drag" felt by the diver below and can be used as a safety line with a breaking strength of 2,592 lbs. Available in two colors: blue and yellow.

## Features:

- Material: High Strength Twaran Aramid Fiber Braid / Foamed Thermoplastic Polyurethane Jacket
- Breaking Strength of Rope with Wire: 2,592 lbs.
- Wires: 4 x 22 Gauge Conductors / Twisted, Shielded Pairs
- Size: Maximum roll = 1,000' (also sold by the foot)
- Colors: Blue or Yellow
- Length: Maximum roll = 1,000' (also sold by the foot)



## DESCRIPTION

OTS PRODUCTS

2.5MM STOCK CODE

N/A

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# VARILUX TRAVEL

## 1000 LUMEN RECHARGEABLE DIVE LIGHT

vis *travel*  
**varilux**  
 80 - 1000 LUMENS | RECHARGEABLE

A compact, powerful and versatile torch that you can charge on the go. The Varilux Travel II torch set is full of handy features and includes an adaptor for charging from a car power outlet.

Light output is controlled via a magnetic induction switch. Pressing once switches the light on at full power – 1000 lumens' worth. At this point, output can be gradually decreased by pressing and holding the switch. When the required output is reached, releasing the switch will maintain this output. Pressing once more switches the light off.

Burn time at 1000 lumens is an impressive two hours. At the lowest setting of 80 lumens, burn time is 40 hours.

When the torch is in use, the ring around the switch emits a constant green light. When the torch is not in use, this light flashes once every five seconds. This is to help the user locate the torch when diving, for example in darkness or if it's accidentally dropped. The light will turn red when approximately 20% of the battery's charge is remaining.

The torch has a depth rating of 100 metres. This torch is compatible with our wrist mount.

### Included

Varilux Travel torch, 26650 battery, smart battery charger, car adapter, spare O ring, tail cap lubricant, lanyard, hard storage case & user manual



Size: 161 x 45 mm (length x head diameter)



Holds a rechargeable 26650 Li-ion battery



Storage Case



### Specifications

- Material: Anodised aircraft grade 6061 aluminium
- Colour: Silver/grey
- LED: 1x CREE XM-L2
- LED lifespan: 100000 h
- Brightness: 80-1000 lm
- Light colour: White
- Beam distance: 1000 m
- Peak beam intensity: 30000 cd
- Impact resistance: 1 m (dropping height)
- Depth rating: 100 m
- Mode: High/dimming
- Burn time: 2 h (1000 lm), 2-30 h (1000-80 lm), 40 h (80 lm)
- Switch design: Magnetic induction
- Lens: Coated glass lens
- Size: 161 (L) x 45 mm (head diameter)
- Weight (torch): 232 g
- Weight (torch and battery): 324 g

### DESCRIPTION

### LIGHTING

### STOCK CODE

TORCH-VLTRAVEL-19

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For more visit [www.ndiver.com](http://www.ndiver.com)

# VARILUX MICRO TORCH

**varilux**  
micro

The new Varilux Micro is rechargeable and capable of producing 800 lumens for 1.5 hours. Being part of the Varilux family, the Varilux Micro R of course has a variable output, producing the lowest output of 80 lumens for 24 hours. Like other models in the range, output is varied via the top-mounted magnetic slide switch.

Producing much more power than its small and slim profile might suggest, you may wish to use this torch as either a backup or primary lighting source.

A rechargeable 18650 Li-ion battery and an intelligent USB battery charger are included with the Micro R, along with a lanyard, a spare O-ring and a container of lubricant for the tail cap. This is the opening point to remove the battery for charging, and it's sealed with two O-rings. The torch has a depth rating of 100 metres.

#### Included

- Intelligent USB battery charge
- 18650 rechargeable Li-ion battery (3.7V, 2200 mAh)
- Lanyard
- Spare O-ring
- Tail cap lubricant

- Colour: Silver/grey
- LED: 1x CREE XM-L2
- LED lifespan: 100000 h
- Brightness: 80-800 lm
- Light colour: White
- Beam distance: 500 m
- Peak beam intensity: 20000 cd
- Impact resistance: 1 m (dropping height)
- Depth rating: 100 m
- Mode: High/dimming
- Size: 147 x 35 mm (length x head diameter)
- Weight (torch): 153 g
- Weight (torch and battery): 197 g
- High Power Burn Time : 800 Lumens - 1.5 Hours
- Medium Power Burn Time : 800 - 80
- Lumens - 1.5 - 24 Hours
- Low Power Burn Time : 80 Lumens - 24 Hours

**Length: 147mm**  
**Reflector: 35mm**



**Available with a wrist mount**



Moulded textured grip handle

Intelligent USB battery charger



Left to right: lube, torch and charger



Variable magnetic slide switch

#### DESCRIPTION

#### LIGHTING

#### STOCK CODE

TORCH-VLMICRO2

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For more visit [www.ndiver.com](http://www.ndiver.com)

All underwater lights & torches depth tested to 100m.



# FLEXI-LIGHT 2

Improved design - 100% waterproof & depth tested to 300m  
 Greater light output from the LED  
 With low power, high power & flashing modes

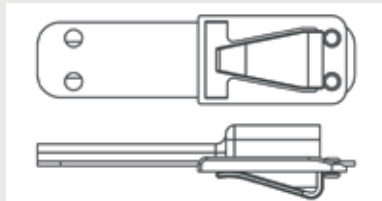
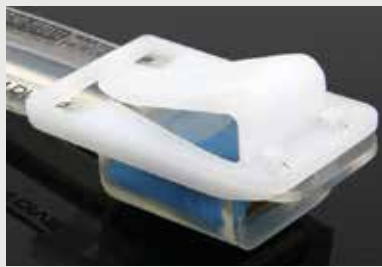
High intensity LED that projects light through a newly shaped flexible silicone stick.

- Output: 8 lumens
  - Visible distance: up to 3km
  - Depth tested: 300 meters
  - Double sealed construction
  - New shape flexible silicone body
  - 5 colours + IR available
- The wavelength of the IR flexi-light is 625-635 NM.

Manufactured from RoHS Compliant Polyurethane material. Can be repeatedly used with use of the on/off modes.

- Flexi-Lights available with:**
- Adhesive backed 3M™ tape
  - Adhesive backed 3M™ foam
  - 3M™ hook Velcro backing

All light sticks can be used with the nylon Flexi-Light Clip (below)



## The modern alternative to chemical light sticks.



The Flexi Light Sticks have a simple press-to-operate button under the coloured marker, which activates the 4 modes.

**Press 1. On / Constant Low/Half Power (40hrs burn time)**

**Press 2. Constant High/Full Power (22hrs burn time)**

**Press 3. Flashing (42hrs burn time)**

**Press 4. Off**



WHITE



RED



GREEN



BLUE



YELLOW



INFRARED

### DESCRIPTION

LIGHTING

STOCK CODE

FLEXI-LGT-'TYPE'-'COLOUR'

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# NORTHERN DIVER

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