

[DRYSUIT Catalogue]



NORTHERN DIVER

[Northern Diver Sectors]

MILITARY	RESCUE	COMMERCIAL	SPORT
			



Andrew Tonge, PADI MSDT, Technical Diving Instructor and EFR Instructor

FOUR DECADES OF INNOVATION



Norfolk Fire & Rescue Service



40 years

and still going strong . . .

What started as a hobby for Michael Armitage has now developed into a passion and grown into a worldwide supply chain. Meeting the needs of Commercial, Military and Sport diver operatives across the globe.



All of our brochures and equipment lists are available in various languages, on memory sticks or as a download from our website - www.ndiver.com

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Material Specification : Neoprene

Outer Layer : Unique diamond weave fabric, resin injected with a water repellant finish

The diamond weave fabric is soft to the touch, with an enhanced 3D textural appearance and has an abrasion resistance far higher than standard nylon fabric.

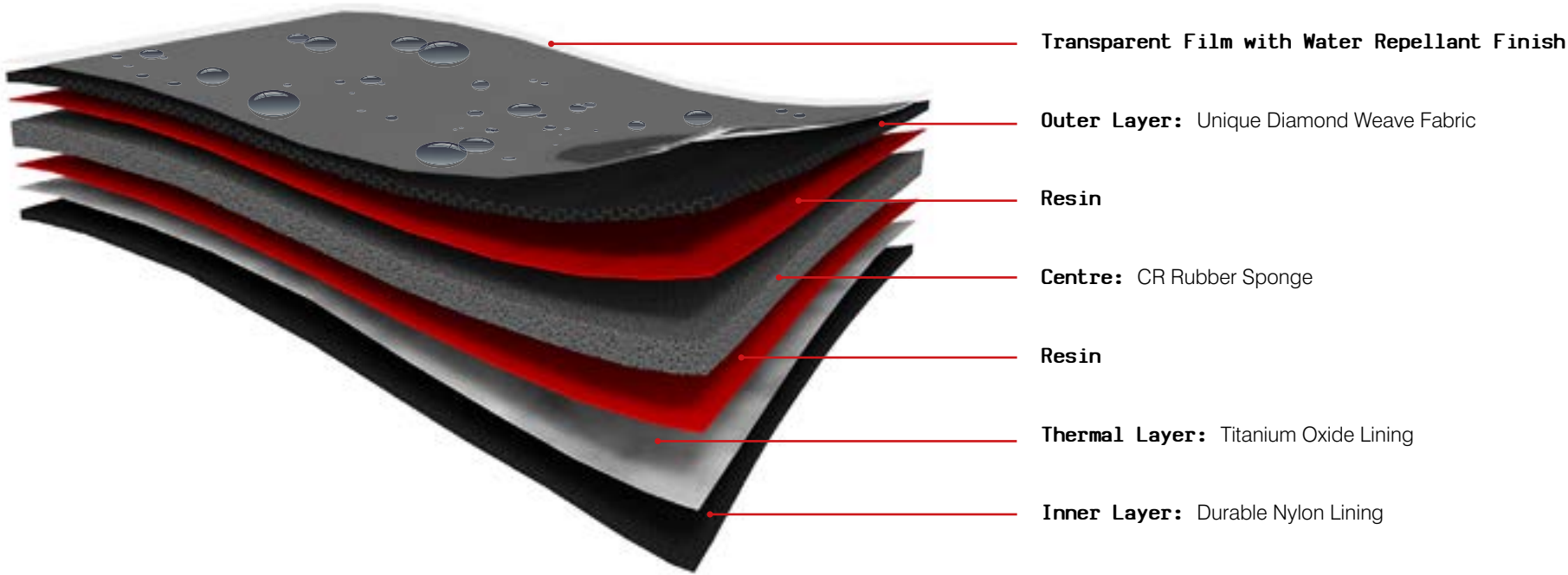
Centre : CR Rubber Sponge (Polychloroprene Rubber Neoprene)

Contains an excellent cell structure that provides shock absorbtion, good thermal preservation is resistant to aging, weather and has low flamability.

Thermal Layer : Titanium oxide lining, reflects heat back to the body

Inner Layer : Durable Nylon Lining

Super flexible, soft, smooth texture and laminated with rubber sponge, to increase its versatility.



Neoprene. Drysuits

Neoprene drysuits are probably the most commonly worn drysuits, chosen by the majority of diving schools due to the increased thermal properties.

Neoprene drysuits are highly flexible and the material also has superb thermal properties, in most cases allowing the use of a thinner undersuit.

Northern Diver neoprene drysuits use a highly compressed neoprene material in their construction, to help reduce buoyancy and keep the suits depth compression to an absolute minimum.

These suits are popular with wreck and general sport divers due to their flexibility, thermal properties and superior comfort.

DIVEMASTER

ORIGIN
COMMERCIAL

VOYAGER



Sport . Edition



AL Wright,
PADI Technical Divemaster
and EFR Instructor

Divemaster. Evo 12

www.divemaster-drysuit.com

A Tradition That Has Just Evolved . . .

Northern Diver's Divemaster is flexible but also hard-wearing. It 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. 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 versatility of our **Divemaster** used in conjunction with any of our range of undersuits. (For example, **Thermalux** in mild European waters or **Metalux Temperate** for more extreme diving conditions). The Divemaster provides a comfortable environment during recreational diving, ice diving and long duration cold water diving.

Durability is increased by the heavy-duty pique nylon outer shell. Thermal properties are also improved using our unique Ti-Ax® Thermacote® heat-reflecting system under the inner lining. Even in the most testing diving conditions, with a whole host of premium features as standard, this drysuit really is a leader in reliability.

Available as a perfectly fitting made-to-measure suit but with standard off-the-peg sizes, most divers will be able to make an instant splash. Available in 17 standard sizes. Divemaster Sport also has a Ladies pattern in 10 Standard sizes.



Drysuit Budget



Commercial . Edition



Neil Tordoff,
PADI Certified Diver

All Northern Diver Drysuits are tested to a Military Standard & conform to BSEN ISO 14225 - 2 : 2005

Divemaster Suit Features

- Sport & Commercial Variations
- 100% CR Hyper-Compressed Neoprene
- Rock-Fabric Protective Panels
- BDM Dry Zipper with Protective Overcover
- Updated Reinforcement & Styling
- Kevlar Protection as Standard
- Extensive Custom Options Available
- 17 Standard Suit Sizes Available Plus MTM
- Drysuit Boot Sizes 4 - 13 (With a Safety Boot Option)



DIVEMASTER

What's in the box . . .

Our drysuits are supplied boxed with a hood, valves/inflation hoses, zip wax, user manual and a sturdy drysuit bag which opens out as a changing mat.

Customer Reviews . . .

Reliable Products and Shippers

"I just wanted to describe our need for reliable products and shippers. I also wanted to share how amazing the Divemaster suit has been for the students and thank you for creating outstanding products.

The **DIVEMASTER** has been the perfect suit for our students in every way. They are diving in a lake that can range from 43 - 60 degrees f and abuse their gear through 6 months of training.

Of all the suits we have offered, we have not heard one complaint about the Divemaster. That is an amazing feat..! - Thank you."

Joney and Dori - **Dive Commercial International Inc - USA**

The Divemaster Evo 12 is an awesome suit

"It was put to the test in the cold waters of the Etowah River. This suit kept me warm as I swam with my capsized kayak to the shore. It is a good fit and surprisingly comfortable. After a couple hours of use, sweat does accumulate inside. It does the job to keep the cold out. Overall a great suit."

Doug Klein Jr

Buy Online. Scan the QR Code below for the Commercial Edition of our Divemaster Drysuit.



Drysuit Budget



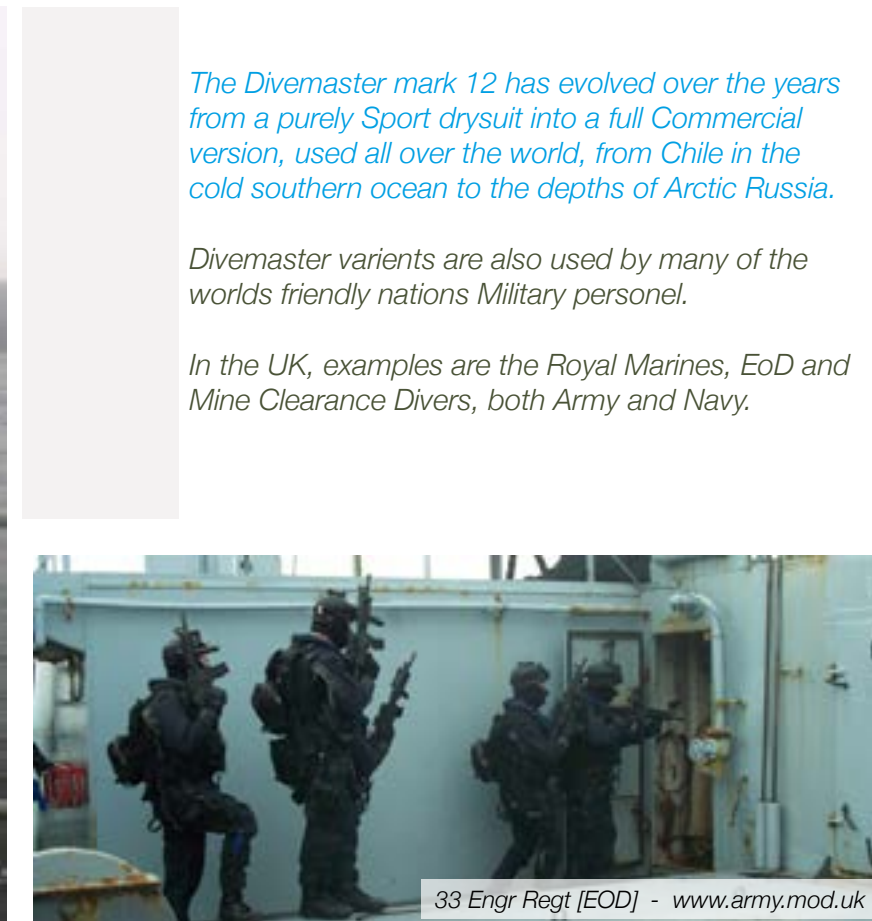
Sport Vs Commercial

Sport Edition	Commercial Edition
Rear Entry Zip	Rear Entry Zip
Resin Injected Hyper - Compressed 5mm Neoprene with High Rubber Solids	Resin Injected Hyper - Compressed 5.5mm Neoprene with High Rubber Solids
BDM 8 Pitch Dry Zip with External Cover	Heavy Duty BDM 6 Pitch Dry Zip with Individually Riveted Elements & External Cover
Rock Fabric / Kevlar Shoulder & Knee Pads	Rock Fabric / Kevlar Shoulder & Knee Pads with additional Silicone Shoulder Protection
Rubbatex (Neoprene Style) Neck & Wrist Seals	Rubbatex (Neoprene Style) Neck & Wrist Seals
Bellows & Transporter Pockets (custom options available)	Bellows & Transporter Pockets (custom options available)

EVOLUTION 12

Reccomended Undersuits	
Divemaster SPORT Edition	Divemaster COMMERCIAL Edition

Current Customers



The Divemaster mark 12 has evolved over the years from a purely Sport drysuit into a full Commercial version, used all over the world, from Chile in the cold southern ocean to the depths of Arctic Russia.

Divemaster variants are also used by many of the worlds friendly nations Military personel.

In the UK, examples are the Royal Marines, EoD and Mine Clearance Divers, both Army and Navy.





The Origin is a proven no-nonsense commercial diver's drysuit.

Neil Tordoff,
PADI Certified Diver

Origin. Commercial

Origin Commercial is the developed version of our original Northern Diver neoprene drysuit. This is still incredibly popular with experienced divers around the world & remains the preferred choice for Commercial divers.

This drysuit is also ideal for the more advanced 'non-commercial' divers who regularly plan dives with little physical movement, long duration or extended deco-stop diving.

This suit is available in range of commercial sizes. These are a wider fit than our standard drysuit sizes, allowing any combination of our undersuits to be used covering all diving conditions.

Manufactured from 6.5mm XO grade neoprene. Featuring an extremely tough Armourtex® outer shell, for added durability and our Ti-Ax® Thermacote® heat reflective system to increase thermal insulation.

Available off-the-shelf with wide-fitting boots or the optional steel toe cap, mid-sole foil safety boots. These steel toecap, mid-sole foil safety boots conform to Safety Boot Standard EN12568/98.

The Origin Commercial features RockFabric® elbow, shoulder & knee protection with heavy-duty rubber kneepads, making sure our Origin drysuit is durable enough to withstand years of action.



RockFabric® is a mineral compound bonded to a cordura substrate, surfaced with a silicone matrix, which combines a very hard wearing finish with a super slick surface.

We also offer a 'Double Mushroom' air exhaust valve to give a second layer of protection for contaminated water use.

ORIGIN
COMMERCIAL

Ti-A
THERMACOTE

ROCK
FABRIC

TÜV
Rheinland

ARCTIC
EXTREME
Supervent Hood

UNISEX



Drysuit - Features



Origin Suit Features

- Origin comes as standard with rubbatex neck and wrist seals. Alternatively, it can be modified with an attached hood, latex seals or many other personal preferences
- Cutting rod pocket on right thigh with knife attachment loops and a transporter pocket with 2" external D-ring on left thigh as standard. Your own choice of pockets can also be fitted, if required
- Supplied with rubber reinforcing valve patches fitted in the centre of the chest and on the left shoulder
- High performance inflation and variable exhaust valves, or an additional auto cuff dump, fitted wherever required
- Optional reinforced toe & mid-sole foil safety boot
- Other options include an attached dry hood combined with latex neck seal, internal braces, latex cuff ring system or dry glove ring system
- Heavy duty metal dry zipper
- Elbows & shoulders are reinforced with Rockfabric® for added durability
- Super heavy duty Rockfabric® knee patches for extra protection, with additional rubber reinforcement
- A full range of commercial sizes in regular stock, available for immediate despatch
- 11 Standard Suit Sizes
- Dacor Boot Sizes 4 - 13

Reccomended Undersuits

ARCTIC BASE UNDERSUIT	METALUX TEMPERATURE UNDERSUIT	METALUX ARCTIC UNDERSUIT

All Northern Diver Drysuits are tested to a Military Standard & conform to BSEN ISO 14225 - 2 : 2005

Buy online or call us for more information
www.ndiver-commercial.com

What's in the box . . .

Our Origin drysuits are supplied boxed with a hood, valves / inflation hoses, zip wax, user manual & sturdy drysuit carry bag which opens out for use as a changing mat.

What the press say . . .

This is the suit that started the business. It's the bruiser of the bunch and will suit any die-hard UK diver. The original design was developed for Mike Armitage's (CEO at Northern Diver) passion for wreck diving and salvage.

The Origin is made from 6.5mm neoprene and has a tough outer lining. This suit has an incredibly rugged feel and features a heavy-duty six-pitch dry-zip (six individually riveted teeth to the inch).

This zip would be my preferred choice on all the suits. The hard-sole boots are neo-vulcanised and the kneepads are made from a choice of Kevlar® or rubber. The suit is also supplied with either a separate vented wet hood with a face seal or an attached dry hood with a latex neck seal. I'm sure you could get them to make the latter with a neoprene seal as this is a great combination. Two pockets are standard, however, these can be replaced with one larger knife pocket if preferred.

The conclusion: Great for cold water wreckies.

Dive Magazine

Buy Online. Scan the QR Code below & you will be directed to the Origin webpage.



Drysuit Budget



Voyager. Drysuit

"Don't be fooled by the excellent value of this suit. The volumes in which we manufacture the Voyager helps us to keep a competitive price"
- Mike Armitage - Northern Diver

This cost-effective 4mm compressed neoprene drysuit offers superb quality and comfort at a fantastic price.

Manufactured using an extremely supple, unique, polymix neoprene, for exceptional levels of comfort.

Designed to be worn in conjunction with any of our undersuits, making this drysuit ideal for most diving environments

The combination of style, flexibility and comfort ensures another successful drysuit from the Northern Diver design team and many memorable dives for you.



Drysuit is compatible with
Northern Diver Dry Glove System.

Our revolutionary concept designed for latex & neoprene wrist seals.

For more information scan the code opposite.



Buy online or call us for more information
www.ndiver.com

Drysuit . Features



Voyager Features

- 4mm of 'Supple' Compressed Polymix Neoprene
- Medium Duty High-Spec Metal Dry Zip
- Super Soft Neoprene Neck and Wrist Seals
- Bonded for Life Seams
- Zip Cargo Pocket on Left Thigh
- Neo-Vulcanised Durable Hard-Sole Boots
- Our High Performance Inflation & 'Variable' Exhaust Valves
- 14 Gents and 10 Ladies Standard Suit Sizes
- Dacor Boot Sizes 4 - 13

Reccomended Undersuits

METALUX
TEMPERATE UNDERSUIT

THERMALUX
UNDERSUIT



What's in the box . . .

Our Voyager drysuits are supplied boxed with a hood, valves / inflation hoses, zip wax, user manual and a sturdy drysuit carry bag which opens out for use as a changing mat.

Customer Web Review . . .

ND Drysuit of Choice
Posted by Tim F on 29th May 2012

"With over 500 dives in and around the UK (cold,dark and sometimes nasty dives). Tried many suits, finally Northern Diver was my drysuit of choice. Then they came out with a compressed neoprene drysuit. ND never let me down, kept me warm and dry. Now i am living in the United States and wish I could find a local agent so I could get another fantastic drysuit."

Buy Online. Scan the QR Code below & you will be directed to the Voyager webpage.

Drysuit Budget

Material Specification : Membrane

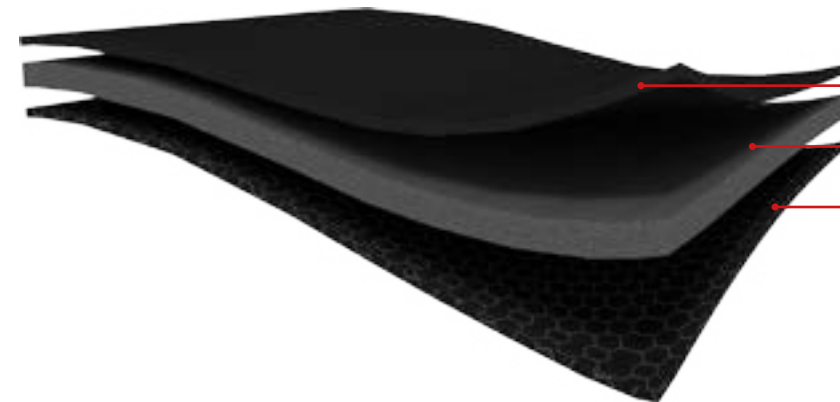


BREATHABLE

Outer Layer : Cotton feel 320 Denier Nylon fabric with a flame retardant and water repellent coating.

Centre : Breathable PU Membrane

Inner Layer : Tricot Mesh Fabric with an anti BAC finish



GENERAL

Outer Layer : 8oz Polyester fabric

Centre : Butyl rubber (18 Layers)

Inner Layer : 4oz Polyester fabric

** Fabric available in various weights, weaves and textures*

Membrane. Drysuits

Membrane drysuits are usually very lightweight, consist of three layers which are laminated together. This material dries very quickly, after use.

However, this material does not provide as much insulation as neoprene so wearing a thermal undersuit is highly recommended.

The looser fit of a membrane suit ensures easy fitting and extended movement, offering increased overall comfort.





Neil Tordoff, PADI
Certified Diver

HID.

The most technical drysuit, in our Tri-Laminate suit range, its sleek design and super close fitting style, featuring Northern Diver's unique 'Constant Fit' Torso-Flex system, has been very well received within the technical diving and wreck diving community.

This unique system, unlike most membrane drysuits, enables the mid section of the drysuit to constantly adjust and flex, during the dive, allowing freedom of movement but without the need for excess drysuit material.

In addition, the 'ballistic nylon' outer fabric of Northern Divers HID drysuit includes ten coats of butyl rubber, bonded to a super comfortable polyester inner fabric. This produces the ultimate hard wearing heavy-duty drysuit material and with the addition of super high-visibility 3M style light reflective overprinting, featuring microspheres which reflect 95% of all visible light, this really is a High Intensity Drysuit.

All front-entry drysuits need extra length in the body, to allow the drysuits neck seal to be extended sufficiently, so that the user can easily pull the neck seal over their head. Without this extra length, the zip would be under excessive pressure, during fitting or removing and the users neck could also be subjected to additional unnecessary stress.

However, as this extra length usually results, again, in a excess drysuit material in the mid section, our 'Constant Fit' Torso-Flex system allows the body of the suit to extend, when fitting but also retracting to its original position, once fitted. This results in a closer fitting drysuit, without having excess suit material during a dive but with the additional flexibility, during the fitting and removing of the suit.

Northern Divers 'Constant Fit' Torso-Flex system also permits the user to easily perform all the required movements, when diving in the HID drysuit. Kneeling down, reaching high, reaching back or merely bending forwards, is far easier, thanks to this unique system, as it works with the diver, allowing a previously unprecedented level of Tri-Laminate drysuit movement.

Also, for military operations, we also fit ceramic panels for additional ballistic protection. Not something required on the average UK dive but worth mentioning, as it is reassuring to know that the level of drysuit quality demanded by our military divers and personnel, is also accessible (in its basic specification) to all our recreational and sport diving customers.



Reccomended Undersuits

ARCTIC BASE UNDERSUIT

METALUX TEMPERATE UNDERSUIT

METALUX ARCTIC UNDERSUIT

Dry Glove System

Drysuit is compatible with
Dry Glove System

Buy online or call us for more information

www.ndiver.com



Customer Web Review . . .

What a piece of kit

Posted by Mike Duke. Mem Sec. Lleyn Sub-Aqua Club. BSAC 1809. on 6th Mar 2012

I have been diving for 37 years. For most of the year I dreaded wearing a dry suit and couldn't wait for the summer to get into my semi dry, which until recently I found the most comfortable. In April last year I bought the HID Drysuit. This was the best decision I have made for years. Its so comfy, I have spent a whole days diving in it. So comfy that last summer I did'nt bother with the semi dry. The main benefit is that once i am in the water I feel as streamlined as in a semi dry, in fact better, you really don't know you've got it on. I believe the spec is based on the military version, its exteremly tough and durable. **WARNING....** If you don't want to part with the money... don't try it on....The moment I did, that was it. I walked out of the shop with it. Fantastic, unbeatable.

Drysuit . Features



- Ballistic Nylon Tri-Laminate Material
- Sealed-For-Life Vulcanised Rubber Taped Seams
- Unique 'Constant Fit' Torso-Flex System
- Self Loading Front-Entry Dry Zip System
- Ultra Heavy-Duty Hard Sole Boots
- Super-Stretch Neoprene Neck Seal
- Heavy Duty Latex Wrist Seals
- Super High-Vis 3M Style Light Reflective Overprinting
- High Performance Inflation and Variable Exhaust Valves
- 11 Standard Suit Sizes
- HID Boot Sizes 7 - 11 or Dacor Style Sizes 4 - 13

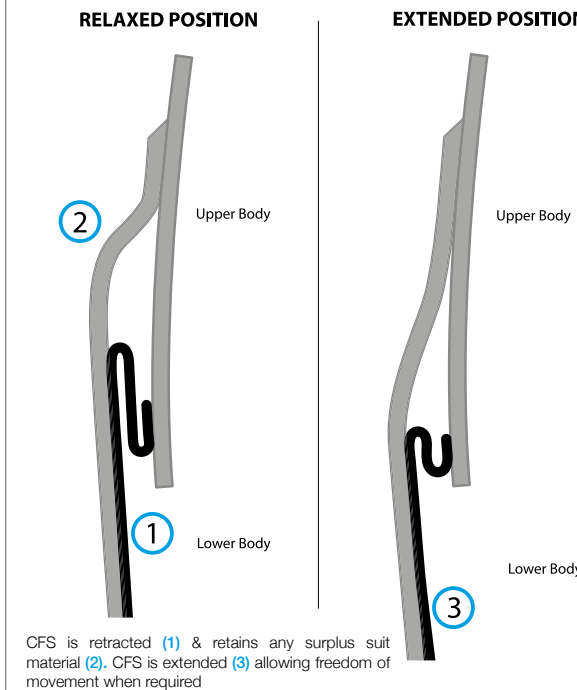
All Northern Diver Drysuits are tested to a Military Standard & conform to BSEN ISO 14225 - 2 : 2005

Suit Features

What's in the box . . .

Our HID drysuits are supplied boxed with a hood, valves/hoses, zip wax, user manual and a sturdy drysuit bag which opens out as a changing mat.

Constant Fit System



Buy Online. Scan the QR Code below & you will be directed to the HID webpage.



Drysuit Budget

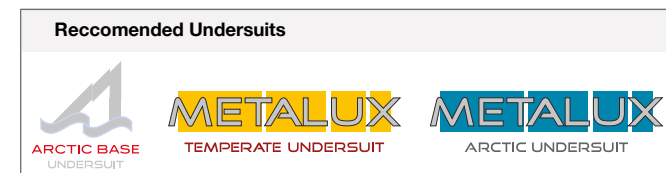


Neil Tordoff, PADI
Certified Diver

Cortex IX.

The first choice for Army and Navy recruits, enabling them to carry out their training in many countries throughout the world. NATO Codified the Cortex is a quality drysuit renowned for its long life and comfort.

Cortex material was chosen by the Ministry of Defence for their diver selection course, reiterating the quality of it's hard-wearing, trilaminate properties. We observe daily the trails these organisations put our suits through and it is a superb endorsement of the Cortex fabric and our suit construction.



Drysuit is compatible with
Northern Diver Dry Glove System.

Our revolutionary concept
designed for latex &
neoprene wrist seals.

For more information scan
the code opposite.



Buy online or call us for more information
www.ndiver.com

What the press say . . .

The Cortex is manufactured from Cordura which is specially woven for Northern Diver in Switzerland. The seams - the parts of a suit that are most vulnerable - are triple glued, rubber taped and then vulcanised. The latex wrist and neck seals are adjustable by cutting to size. Moreover, the neck seal is fitted with an outer flap, which reduces flushing in the seperately supplied, vented neoprene hood. It's a bit fiddly to use at first but certainly keeps you a lot warmer. For divers who use or are thinking of integrating a dry-glove system the suit is ideally fitted with warm cuff protectors, making the glove's locking ring easy to fit. Other standard items include internal braces, a bellows pocket with knife attachment loops, drysuit bag which opens out to form a changing mat, maintenance kit and drysuit manual. This suit would appeal to someone diving in varying conditions, as underclothes provide most of the insulation. It is nice and flexible, appears well made and certainly looks up to the rigours of UK diving. Personally, i would choose the neoprene neck seal option, only because i spend all day in a suit and i find them a lot more comfortable.

Conclusion : One for the heavy-duty club diver who also dives in the Mediterranean, Canaries and the Red Sea in winter.

Dive Magazine

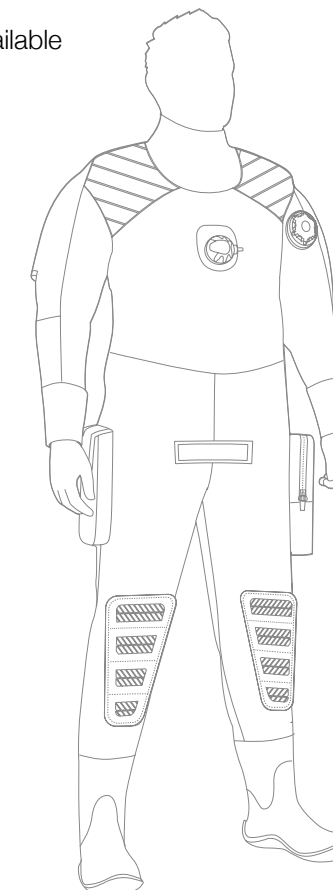
Voted "Best Suit of the Year"
prize winner in the leading
Russian Underwater magazine's
reader's poll - 2010



Drysuit . Features

Suit Features

- Built from ultra-durable cordura
- Rubber taped, bonded for life seams
- Neoprene neck and wrist seals which can be used in conjunction with our easy-fit dry glove system
- Unique cut with internal braces ensures optimum fit
- Bellows pocket on each thigh. Knife attachment on right
- 7 Standard Suit Sizes Available
- Dacor Boot Sizes 4 - 13



What's in the box . . .

Our Cortex IX drysuits are supplied boxed with a hood, valves/inflation hoses, zip wax, user manual and a sturdy drysuit bag which opens out for use as a changing mat.



[DDS] Defence Diving School

Training Establishment providing military diving training to both Royal Navy and Army personnel.

Photographed training in their first class facilities - Horsea Island on the north shore of Portsmouth Harbour.

www.royalnavy.mod.uk

Buy Online. Scan the QR Code below & you will be directed to the Membrane Drysuits webpage.



Drysuit Budget



Cara Hunt, PADI MSDT and EFR Instructor
Neil Tordoff, PADI Certified Diver

Vortex. V2

**The workhorse of our fleet of Tri-laminate Drysuits.
Vortex in used extensively by dive schools worldwide.**

This new Vortex V2 drysuit is now known as the ‘Workhorse’ of our range of Tri-laminate Drysuits.

Our original Vortex drysuit has been used extensively, over the years, by divers and dive schools all over the UK and throughout the world.

The new V2 version has a tailored fit and an elasticated back-panel, to reduce air pockets and improve the overall look.

Topped off with striking light reflective overprinting, our new Vortex V2 is considerably more comfortable and stylish than the ‘every day’ traditional membrane drysuits.

Manufactured using an innovative pattern, soft but tough Polyester-Butyl laminated fabric and with every internal seam triple-glued, rubber taped and bonded for life, this drysuit really does live up to its ‘Workhorse’ reputation.

In addition, our Vortex V2 can be used in conjunction with a variety of undersuit options, increasing its versatility for many different diving environments.

Reccomended Undersuits

ARCTIC BASE
UNDERSUIT

METALUX
TEMPERATE UNDERSUIT

METALUX
ARCTIC UNDERSUIT

For warmer climates & Summer in the Northern Hemisphere we recommend a Thermalux Undersuit

THERMALUX
UNDERSUIT



Drysuit is compatible with
Northern Diver Dry Glove System.

Our revolutionary concept designed for latex & neoprene wrist seals.

For more information scan the code opposite.

Buy online today
www.ndiver.com

Customer Web Review . . .

Low Cost & High Quality
Posted by Dave Marshall on 8th Mar 2012

Bought this drysuit 8 weeks ago, As I wasn't sure on my size I went to Northern Divers showroom to see the suits in the flesh (so to speak). As I couldn't decide on which suit I wanted, I asked for some advise / help. Although the Divemaster was the first recommended option I decided against it as I have always dove in a membrane suit. The process took a while as the staff were extremely thorough but i got there in the end.

The Vortex's striking red colour took some getting used to but at least I will never need to worry about ever getting lost at sea, this coupled with the reflective patches makes me very easy to spot. Back to the suit, I opted for latex wrist seals because I have skinny wrists and a super stretch neoprene neck seal which I am very pleased with as it is more comfortable than the latex neck seal I am used too. Included with the suit I got all the usual bits and pieces, including a drysuit bag / changing mat, maintenance kit, and a tube of seal lubricant.

Drysuit . Features



Vortex V2 in blue is available in ladies fit. Blue version is fitted with latex neck and wrist seals but these can be changed to neoprene upon request.

Suit Features

- Neo-vulcanised hard-sole boots
- Triple glued, rubber taped, bonded for life seams
- Neoprene neck and wrist seals
- Bellows pocket on left thigh with knife attachment loops
- Our high performance inflation & variable exhaust valves
- Red: 9 Mens & 6 Ladies. Blue 10 Mens & 9 Ladies
- Standard Boot Sizes 4 - 13

What's in the box . . .

Our Vortex drysuits are supplied boxed with a hood, valves/inflation hoses, zip wax, user manual and a sturdy drysuit bag which open out for use as a changing mat.

Vortex V2 photographed with a KN65 Knife in the pocket.

A stainless steel 110mm blade with serrated edge, line cutter in a snap-lock hard plastic sheath and black soft-grip handle. Buy today.

Buy Online. Scan the QR Code below & you will be directed to the Voyager webpage.

Drysuit Budget

[Breathable]

Lightweight. Aquarius

Wrap yourself in the latest drysuit technology innovation, combined with unique pattern designs and Northern Diver quality - all in one drysuit.

The Aquarius breathable drysuit was developed for the Spanish Navy and is now proving very popular with recreational and holiday divers alike. The unique bib entry and lightweight design ensures an easy fit and provides a very attractive travel drysuit option, especially taking into consideration aircraft weight restrictions. With superb flexibility and exceptional in-water performance, the Aquarius is an ideal medium use drysuit.

Aquarius allows divers to dress themselves quickly in a few easy steps.



Reccomended Undersuits


ARCTIC BASE
UNDERSUIT


METALUX
ARCTIC UNDERSUIT


BODYLINE
UNDERSUIT
Perfect for a base layer

Neil Tordoff, PADI
Certified Diver



www.ndiver.com

*All Northern Diver Drysuits are
tested to a Military Standard
& conform to
BSEN ISO 14225 - 2 : 2005*

What the press say . . .

Here's a drysuit to appease your inner soldier. Still produced for the marines in a fetching dark green, the Aquarius is now available in civvy street, in any colour you like as long as it's black. So why do the military like it? It could have something to do with its combination of lightweight, flexible material reinforced with Kevlar in the knees and seat. We loved the cross-torso zip, which made it very easy getting in and out of the suit. When we field-tested it off the south coast, it performed superbly in temperatures of 9 degrees c, affording our tester plenty of free movement.

Conclusion : A competitively priced, military-grade treat for British divers.

Charles Hood, Dive magazine, December 2009



What's in the box . . .

Our Aquarius drysuits are supplied boxed with a hood, valves/ inflation hoses, zip wax, user manual and a sturdy drysuit bag which opens out for use as a changing mat.



Drysuit is compatible with
Northern Diver Dry Glove System.

Our revolutionary concept designed for latex & neoprene wrist seals.

For more information scan the code opposite.



Buy Online. Scan the QR Code below & you will be directed to the Aquarius webpage.



Drysuit Budget

Suit Features

- 320D Cotton Feel Nylon Breathable Shell
- Fire Retardant CE EN ISO 15027-1:2002
- Easy 'bib entry' chest zip system
- Adjustable latex neck and wrist seals with protective neoprene neck warmer
- Cargo pocket on left thigh with knife attachment loops
- Insulated wide fit hard-sole boots
- Internal braces
- Standard Suit Sizes with a MTM option
- Dacor Boot Sizes 4 - 13

Lightweight. GUARDIAN FLIGHT



SIZE / LIFT
S (14kg)
M (16kg)
L (18kg)
XL (20kg)

- Ultra lightweight – only 2kg
- Low profile for extreme comfort
- High tenacity ballistic Cordura
- Six lightweight plastic D-rings
- Two zipped pockets
- Extra comfort back support
- Ergonomically designed inflator system for ease of use & comfort
- Pull dump, with additional toggle pull dump & kidney dump



Buy Online.

Scan the QR Code to be directed to the ND website



* Thor suit shown without valves fitted

Neil Tordoff, PADI
Certified Diver

Specialist Suit. Thor

Suitable for toxic incidents where non-chemical or biological permeability is essential or for toxic body recovery. The suit can easily be washed down after an incident.

Our Thor drysuit is manufactured from vulcanised rubber and features vulcanised laminated polymers, carried on a multidirectional 4-way-stretch knitted polyester, which provides superior strength and durability.

Thor is suitable for commercial diving applications but is also an excellent option for military and rescue purposes, as well as sport diving.

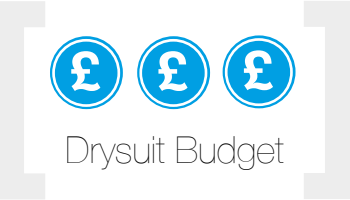
Northern Diver only use high grade rubber and EPDM to achieve a superior polymer mix which out-performs the competition.

Thor is built to the usual high-standards that divers expect from Northern Diver drysuits with our Quality Control Management to BS EN ISO 9001:2008 ensuring that all Northern Diver products are of the highest quality and manufacturing standards.

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

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

Thor drysuits can be manufactured to any personal specifications, including reflective overprinting, extra reinforcement or protection and pockets. Our Thor drysuits can also be made from black rubber on request.



Buy online or call us for more information
www.northern-diver-thor.com

Independent test results shows the Thor drysuit is resistant to chemical & biological permeation.

PERMEATION TEST RESULTS			ASTM F739 – 99A	
			AVERAGE NORMALISED	
			BREAKTHROUGH TIME (MIN)	
			0.1 g/cm ² *MIN	
			NORTHERN DIVER THOR	
CHEMICAL	% CON	% MAX	MATERIAL ONLY	MATERIAL SEAM
		WATER		
		SOL.		
ACETONE	10	100	> 480	> 480
ACETONITRILE	10	100	> 480	> 480
AMMONIA SOLUTION	10	100	> 480	> 480
CARBON DISULFIDE	99	0.2	11	6
DICHLOROMETHANE	100	1.3	13	8
DIETHYLAMINE	10	82	> 480	> 480
DIMETHYLFORMAMIDE	10	100	> 480	> 480
ETHYL ACETATE	8.7	8.7	> 480	> 480
HEXANE	0.014	0.014	> 480	> 480
METHANOL	10	100	> 480	> 480
NITROBENZENE	100		7	5
SODIUM HYDROXIDE	10	50	> 480	> 480
SULFURIC ACID	10	100	> 480	> 480
TETRACHLOROETHYLENE	0.015	0.015	246	164
TETRAHYDROFURAN	10	100	127	77
TOLUENE	0.05	0.05	> 480	> 480
ASTM OIL NO.1	10	Not Sol.	> 480	> 480
ASTM OIL NO - 3	10	Not Sol.	> 480	> 480
LIQUID B 70% LSOCTANE 30%	100	Not Sol.	71	59
LIQUID C 50% LSOCTANE 50%	100	Not Sol.	59	34

Chemical Permeation & Biological Penetration Tests

The majority of divers using Thor drysuits in contaminated water requires information regarding the suit's protective qualities to be made available. Thor suits underwent permeation testing under worst case scenario conditions – 100% chemical exposure for the entire length of the test.

Although these test conditions are unlikely in any chemical diving environment the results demonstrate the protection offered under most normal circumstances.

Permeation Test Results

The permeation values are based on the time it takes for the chemical to permeate the suit material. The permeation test is performed up to 480 minutes. The reports that indicate greater than 480 minutes means that no chemical was detected above 0.1 mg/ min/ cm2 for 8 hours duration.

Actual Breakthrough vs. Normalized Breakthrough

Actual breakthrough is reported in minutes and occurs when initial breakthrough is detected. Each chemical tested has unique characteristics and minimal detectable limits.

For example: if a chemical has a minimum detectable limit of 0.059 mg/ min/cm2, actual breakthrough is reported when challenge chemical concentrations reach 0.059 mg/ min/ cm2 or greater. Normalized breakthrough occurs when challenge chemical breakthrough concentrations reach 0.1 mg/ min/ cm2 or greater (AaSTMm Ff739).

Maximum and Minimal Detectable Rates

This indicates the maximum level of chemical detection using the permeation test system. Minimal detectable rate is the lowest rate of permeation that is detectable with the permeation system.

Steady State Permeation

The constant rate of permeation that occurs after breakthrough when the chemical contact is continuous and all forces affecting permeation has reached equilibrium.

When Diving in Polluted, Contaminated or Generally Abnormal Environments

Northern Diver's Thor drysuit has been developed and tested for use in these conditions and as such should be regarded as an integral component of your diving plans. Diving in contaminated environments is potentially extremely dangerous with risks of potential loss of life. All information supplied within this brochure intended purely for informative purposes only. It is not a substitute for proper training and should not be regarded as so. The information in the brochure is not a substitute for applicable regulations or standards and is not published as legal advice or opinion in any way. Thor drysuits have been tested to standard ASTM F 739.

Decontamination

After exposure to a contaminated environment, the Thor drysuit must be decontaminated ensuring that all contaminants have been removed from the drysuit. Diving in contaminated environments should not be undertaken by those without the highest level of training. All risks should be understood prior to any contaminated environment diving with all risks carefully planned for and the utmost care taken.



Thor. Options

Thor drysuit neck/wrist seals and boots can be changed - this includes a full range of options such as lightweight swimming boots, wide-fitting boots for static commercial diver operations where additional insulation is required, and safety boots with a steel toe-cap and mid-sole.

There are also drysuit custom fit Neck Yoke, additional pockets, dry glove systems and convenience zip options. Visit www.northern-diver-thor.com



LATEX HOOD

Latex Hood is available as a separate item or can be attached to the suit with an optional Beanie Hood.

Close fitting which ensures there is no water ingress whilst diving.



SKIN / SKIN

Skin / Skin Hood ensures there is a smooth neoprene skin around the face which will seal when using a full face mask.

Works in conjunction with AGA mask.



DRY GLOVES

This system is designed for use with both latex and neoprene wrist seals. The unique double-safety locking mechanism allows simple and fast engagement or release, without assistance.



CUFF SYSTEM

Cuff system with gloves.

The Hot Crabber offers excellent resistance to abrasion and strong resistance to chemicals, acids, alkalis, cutting oils, petrol and gasoline.



VALVES

Double Mushroom Valves.

Contaminated water valves are chemical, impact and heat resistant. The exhaust valve contains an extra diaphragm.



LEAD INSOLES

Insoles made from solid lead.

For use with the Northern Diver commercial underwater 'safety' over-boots.

Weight 2.6 kg each



NECK YOKES

The Thor range of rubber drysuits is compatible with industry standard neck fittings. For Desco, KMB, AH & Genesis. For more detail call Neil Tordoff 01257 25 69 49



BEANIE HOOD

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

REINFORCED SAFETY BOOTS

Ergonomically designed underwater safety boot offering chemical and biological penetration protection, plus added impact and sharps penetration resistance.

- 1 EPDM Rubber Mix Pique Lining
- 2 Extra EPDM Rubber Layer
- 3 Neoprene Insulation
- 4 Steel Toecap
- 5 Rubber Sole
- 6 Flexible Stainless Steel Mid - Sole Foil
- 7 EPDM Rubber Mix



BOOT OPTIONS

Swim Boots come as standard with the 1000G Thor and the Safety Boots come as standard with the 1600G Thor. You can also opt for our Overboots designed to be worn on top of standard boots and are intended to offer further protection. Lead Insoles can be added for extra weight and buoyancy control.



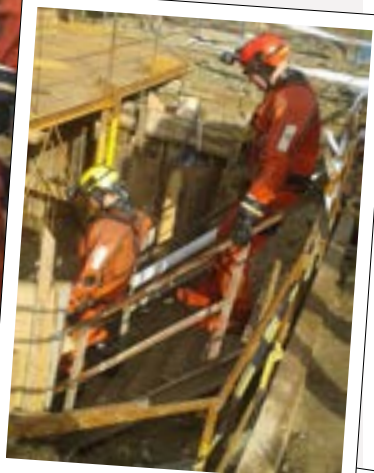
Boot Sizes 7 - 14



Boots : One Size



Left & below:
Northern Diver's
Commercial & Military
Manager testing the
performance of our Thor
suits after a years usage
of heavy duty activities.
Taken in Romania.



Right:
Another Thor suit in
action at sea. Divers use
the Thor to

Taken in Poland.



Drysuits. Measuring Guide

In order to ensure a perfect fit, we have produced a step-by-step guide to measuring for a drysuit.

Please do not measure yourself, enlist the help of a second person to do it for you, as accuracy is essential for a good fitting suit. Measurements can be made in either imperial or metric sizes and must be over the undersuit you intend to wear. Your local dealer will be able to assist you in this task or alternatively contact a member of Northern Diver's sales team, who will be only too pleased to make suitable arrangements.

Accurate height, weight, chest and waist measurements are essential for a good fitting suit. Height to be measured against a wall, please do not guess. Weight to be taken using accurate scales. Use a tape measure for chest and waist measurements.

1 Neck - taken over bare skin (just below Adam's Apple)

2 Wrist - taken over bare skin behind wrist bone

3 Chest - taken around the fullest part

4 Waist - taken round a relaxed waist

5 Hips - taken over fullest part of backside

6 Body - taken from hollow in front of neck through legs with undersuit pulled up tight in crotch, (unhook elastic stirrups of undersuit), to base of back of neck

7 Base of neck to wrist bone

8 Forearm - taken round fullest part with finger inside tape

9 Bicep - taken around the fullest part with finger inside tape

10 Crotch to ankle bone - with undersuit pulled up tight in crotch (unhook elastic stirrups of undersuit)

11 Crotch to floor - with undersuit pulled up tight in crotch, (unhook elastic stirrups of undersuit)

12 Thigh - taken around the fullest part with finger inside tape

13 Calf - taken around the fullest part with finger inside tape

14 Side ankle bone to centre of knee cap

15 Actual shoe size - not trainer size please

16 Head circumference

17 All round head - top of the head, round chin to top of head

Additional Ladies Measurements

1 Neck - taken over bare skin at the slimmest part of the neck

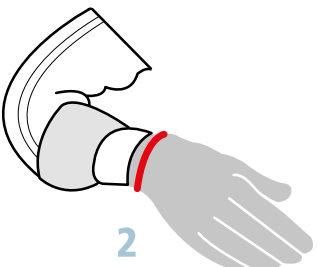
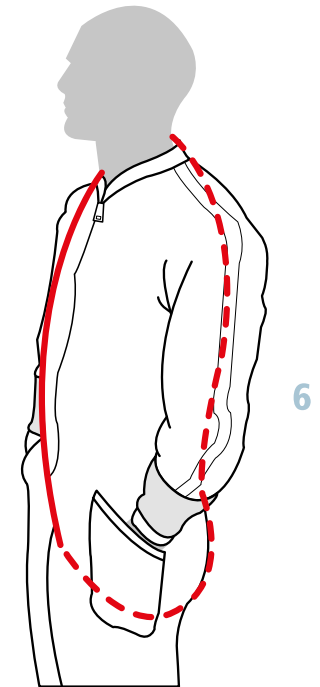
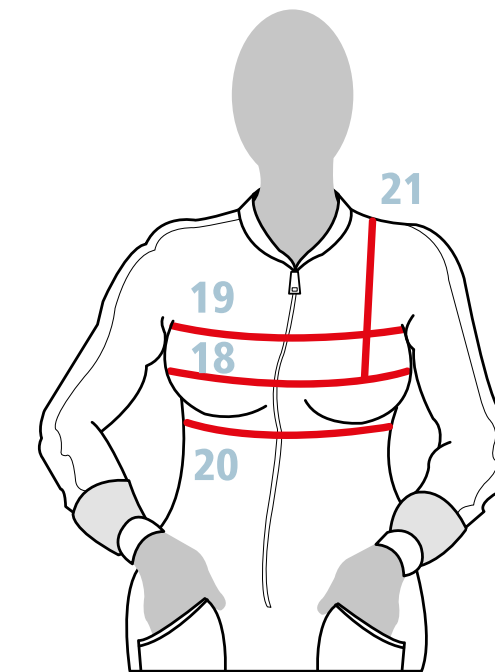
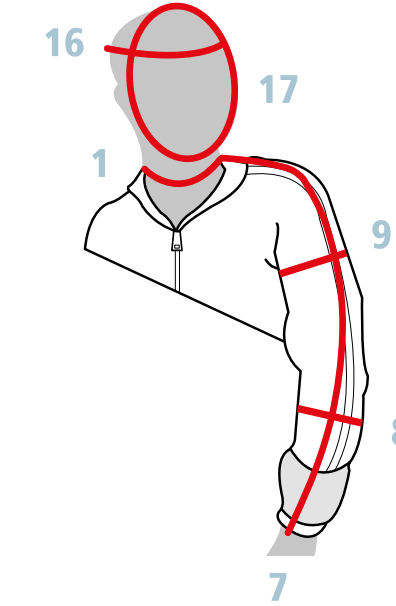
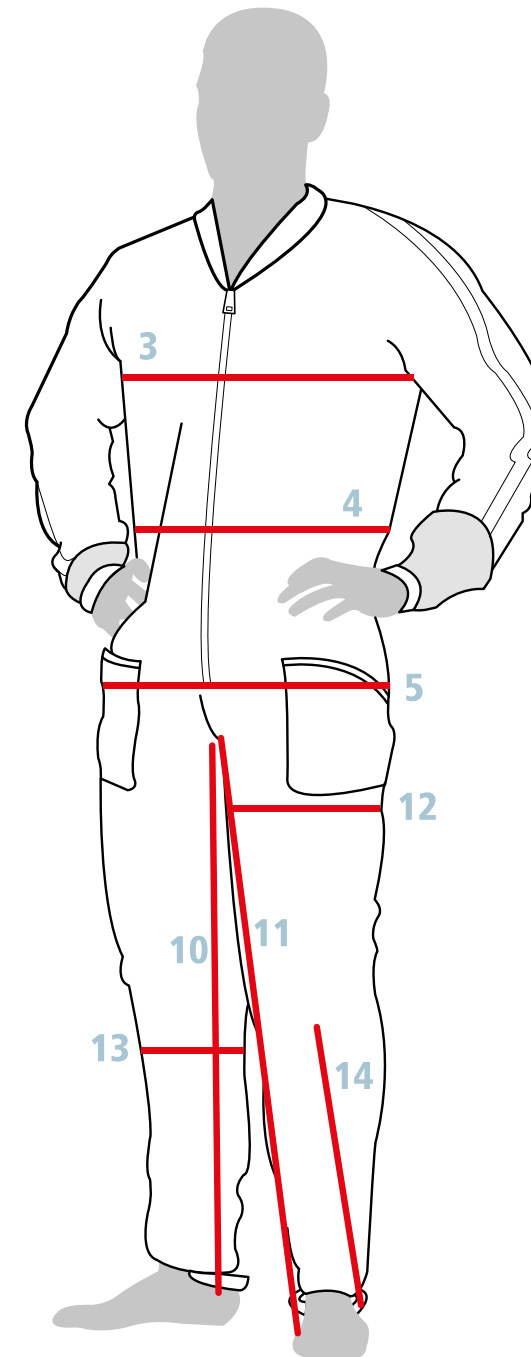
18 Chest - to be taken at fullest part of bust

19 Chest above bust - with tape under arm pits

20 Under bust

21 Top of shoulder to centre of bust

Please refer to these diagrams to assist you in measuring:



If you need help with taking measurements give your local dealer a call, find your nearest dealer online or call us direct on 01257 25 44 44.

If you have a question regarding which suit fits you, call us with your height, weight, chest, waist measurements and shoe size.

Custom. Options

Available for stock size Drysuits

- Inflation valves can be located on either left or right chest (centre is standard)
- Exhaust valves can be moved from left shoulder to right shoulder or replaced with a cuff-dump
- Boots are available in a variety of sizes and styles
- Arms can be shortened by removing material or lengthened by adding longer seals to the suit. Legs can be lengthened or shortened by adding tall or short boots
- Neoprene neck and wrist seals can be replaced with latex seals
- Latex neck and wrist seals can also be replaced with neoprene seals
- Neoprene stock size suits can be tapered to fit

We will happily repair any make of suit but priority will be given to Northern Diver customers.

Need an instant repair? Our repair staff are determined to help you so they work overtime to provide a fast track service. Waiting time can vary dependant on our workload . . . sometimes as fast as a one day turn around. Ring 01257 25 69 37



Above, two of our finest suit testers. Checking our suits are in perfect condition before they leave the building



Louise, one of our team leaders in action. Cutting custom fit repairs & alterations. 21 years experience

Boots.

Northern Diver has spent considerable time & effort developing boot technology in relation to materials & construction techniques.

All Northern Diver drysuit boots are handmade, individually vulcanised & fully tested prior to fitting to your drysuit.

Northern Diver boots are available in a full range of sizes, from 4 - 13.

Boots beyond size 13 can be custom built.



- 1 Dry Socks**
Fitted to the bottom of drysuit legs, instead of boots, used in conjunction with our Rock boots.
- 2 Wide Calf Boot**
Available in sizes 6 – 13. A tall, wide fitting boot is also available, which allows a drysuit leg length to be increased.
- 3 Safety Boot**
Steel toe cap & mid-sole foil, conforming to the EN 12568/98 safety footwear standard.
- 4 Standard Boot**
Available in sizes 4 – 13

Pockets.

Custom .



Neoprene transporter pocket with 2" stainless steel D-ring

Pocket Dimensions:
H 29cm // W 13cm // D 4cm



Neoprene transporter pocket with knife pocket

Pocket Dimensions:
H 22cm // W 14cm // D 5cm



Neoprene knife pocket with velcro flap

Pocket Dimensions:
H 28cm // W 15cm // D N/A



Neoprene zipped cargo pocket with 16" opening

Pocket Dimensions:
H 26cm // W 16cm // D 6cm



Neoprene bellows pocket with velcro flap

Pocket Dimensions:
H 22cm // W 17cm // D 4cm



Trilaminate zipped transporter pocket

Pocket Dimensions:
H 29cm // W 16cm // D 4cm



Trilaminate zipped cargo pocket with knife loops

Pocket Dimensions:
H 25cm // W 18cm // D 6cm



Trilaminate knife pocket with velcro flap

Pocket Dimensions:
H 28cm // W 15cm // D N/A

Design Your Own With Our Made To Measure System

Northern Diver is eager to help you purchase a drysuit that is perfect for every individual person. To achieve this you can design a number of elements on your own suit. Choose material, pockets, boots, zipper and seals that fit your unique specification.

If you cannot find what you are looking for we always enjoy a challenge, contact us to discuss how we can help you.

Other Custom Options

Kevlar Seat Pad // Stainless D-Ring // Hood Attached // Convenience Zip External Zip Flap // Internal Braces // Reflective Tape

(Check availability on specific suits. Most options are subject to additional charge.)

Why not call our workshop directly on **01257 256937** or email **repairs@ndiver.com**

Louise and Sharon each have over **25 years of experience** meaning they can help you with any custom requirement questions you may have.



Drysuit. Valves



Constant Evolution, Constant Review, Consistant Quality Control

Many years in the making, the Northern Diver Drysuit Valve range has been developed from our skilled engineers, substantial investment in computer & manufacturing technologies & our sheer determination to create the best drysuit valves on the planet.

How It Began . . .

Our life support engineers discovered 5 years ago, after discussions with Military Mine Clearance Divers, that there was a request for super low profile inflation valves, with a slightly angled inlet spigot to prevent the quick connector from the low pressure hose catching their suits. They wanted a low profile automatic & variable exhaust valve as their current one had a slab side which snagged on equipment.

MOST IMPORTANTLY they specified that the end product must have a magnetic signature of less than **5 Nano Teslers**.

From this meeting came our very own unique ultra low profile valves which have an average magnetic signature of **2.5 Nano Teslers**. Vigorous testing by the Military, even in combat conditions in Afganistan, has helped to improve this design. The feedback was exceptional, superb quality, unrelenting performance & dependability.

All Northern Diver Drysuit Valves passed extreme testing at the most highly skilled test house in the world, **TUV - RHEINLAND** with **100% rating** & have been awarded full **CE Approval**.

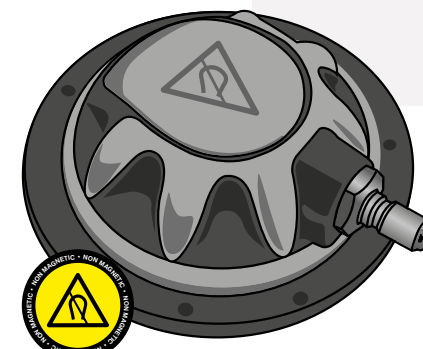
But it certainly doesn't stop there, every valve set is tested after manufacture to ensure they meet the upmost quality standards & each individual valve is wet tested before being dispatched to every individual customer.



Inflation & Exhaust Valves
Available in a range of colours



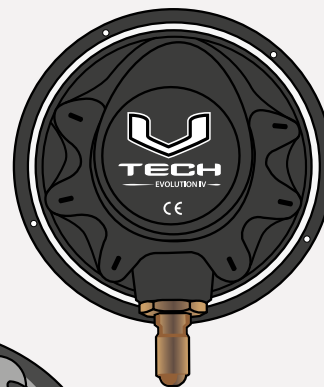
Double Mushroom
Commercial Exhaust Valve



Non Magnetic Valves
In special use by the Military
Inflation & Exhaust Valves
Available in black



This Years New Design!



Dryglove. System



Suitable for Arctic conditions or contaminated water environments where it is essential that your hands are kept dry.

System Features :

- Revolutionary locking mechanism for quick engagement or release without assistance
- Two sets of pinch rings to fit varying material thickness
- Durable PVC gloves with textured fingers & palm for enhanced grip
- Resistant to many contaminating agents
- Diving Hardware fleece stretch liners
- Locking tool for drysuit fitting

Easy Fit for Latex & Neoprene seals or the Warm Cuff System.



Package Includes:

- 2 PVC gloves
- 2 Removable fleece STRETCH liners
- 2 Sets of pinch rings
- 1 Locking tool
- 1 Adhesive sealant with brush
- 1 Instructional DVD
- Colour: Black & Red Rings, Blue gloves

Integrates perfectly with neoprene & latex cuffs and warm cuff systems



Locking Tool



Pinch Rings



Adhesive Sealant



Instructions

KEVLAR SUPERSTRECH



- Manufactured Using Superior 'Super-Stretch' Neoprene
- Incorporates the Ti-Ax Heat Reflective Lining System
- Ultra Hard-Wearing Kevlar Coated Palms and Finger Tips
- Glass Fibre Reinforcement on Finger Pads
- Polymer Coating on Finger Tip Seams
- Great Fit - Wrist Strap No Longer Required
- Available in 3 & 5 mm



ARCTIC SURVIVOR SS

The gloves are dry thanks to the unique wrist seal made from Neotex.



This can be reversed against the latex seal to give a water tight joint. The seal is kept in place by the glove cuff which is turned back over the seal.

- 5mm Super Stretch Neoprene
- 'Water Lock' Wrist Seal System
- Reinforced Strobel Stitched Seams
- 'Supa Grip' Textured Palms
- Available in black



OPTIMUM GLOVES



- Super-Tack embossed palms and fingers for improved grip
- Ti-Glide interior for ease of putting on and taking off
- Full size wrist zip for assured ease of use
- Double-Layer Premium Polymer construction
- DiamondFlex protection on back of hand
- Available in 3mm and 5mm
- Colours: Red & Blue



2 & 5MM SUPERSTRETCH

The Ultimate Comfort & the easiest gloves in the world to put on & take off, even when wet.

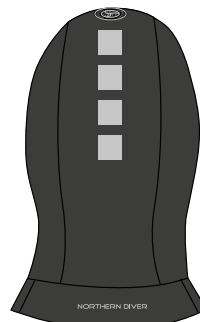
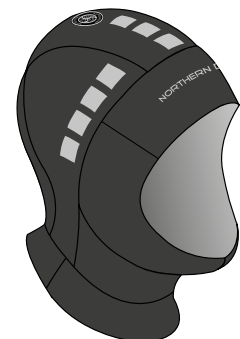


- Made from Superstretch Neoprene
- These neoprene gloves have rapidly become our best sellers. Their ease of use, extreme comfort & performance make them the glove of choice.
- 2mm for warmer waters or surface use
- 5mm for colder conditions
- Available in 2mm & 5mm
- Sizes : S, M, L, XL



Whats Included

Purchase a Northern Diver Drysuit & you will receive the following items . . .



NEOPRENE HOOD

Manufactured from superstretch neoprene, using Ti-Ax® Thermacote® heat reflecting technology, offering superb comfort and warmth. Featuring reflective silver overprinting and supervent detailing (most drysuits are supplied with matching hood).



MAINTENANCE PRODUCTS

Stormsure Sealant :
Polyurethane repair compound for drysuits & wetsuits.

Neoprene Seal Lubricant :
For neoprene seals to ease application.

Sealsaver Divers Talcum Powder :
For latex neck & wrist seals to ease application & to prolong life whilst in storage.

Bees Wax Stick :
For drysuit zip lubrication.

Drysuit Manual :
All drysuits are supplied with a detailed manual for maintenance & repair. Scan the QR code to download now.



Your suit is CE approved to BS EN 14225 (Buying a drysuit without genuine current CE is not recommended.)



ND VALVES & HOSES

Inflation valve, exhaust valve and drysuit hose are supplied, manufactured specifically for Northern Diver drysuits.



DRYSUIT STORAGE BAG

Our drysuit storage bag is manufactured from ultra durable fabric which opens up, for use as a changing mat.

Supplied with colours, artwork and logos to match the relevant drysuit.

This is also an item that can be purchased separately.

Various designs of bag available.



PACKAGING

All Northern Diver packaging is supplied from sustainable sources wherever possible. Drysuit & undersuit boxes have been redesigned, to be more robust & take up as little space as possible.



Where viable all packaging is recyclable. Northern Diver is leading the way with BSEN ISO 14001 Environmental Management Systems status.



Peace of Mind

Northern Diver is proud to have been the very first company to take the trouble and expense to become fully BS EN ISO 14225 - 2 : 2005 compliant.

Servicing . . .

What we do when servicing your drysuit.

- Clean and pressure test your suit for leaks
- Test and lubricate the valves
- We will replace valves if it is necessary
- Lubricate zips
- Carry out minor cosmetic repairs

What does this mean?

This is a way of monitoring that the high quality we promise you is always received. Let there be no misunderstanding, we want to deliver the best, we worked hard to achieve this and have been awarded accordingly. You can have peace of mind as a Northern Diver customer as we continue with this same process today and deliver even more. We are dedicated to supplying you with the best and for that reason, we now test twice, to ensure the upmost quality control.

What else?

Northern Diver has probably the most talented and qualified product development team in the diving industry. We have engineers, genius panel designers, design artists and forward thinking people on our creative team, all pulling together to produce the very best products. The fact that they also happen to be experienced deep, cave, wreck, salvage & sport divers adds to the richness of the 100+ years of experience that is shared between them. With this standard of design team it is no wonder that Northern Diver has been leading the diving world for over four decades.

*And not forgetting. We all have a duty of care to the environment and we take that very seriously. So seriously, in fact, that our environmental performance has qualified for **14001 status**.*



Sharon works in repairs. She is an excellent team leader with 21 years experience



Bart working in our specialised engineering, hose manufacture and testing department

Wait theres more . . .

Northern Diver provide you with 2 years warrenty on all drysuits from the date of purchase. We offer in house suit repairs around the clock, we will happily service your suit free of charge, at anytime during its life*

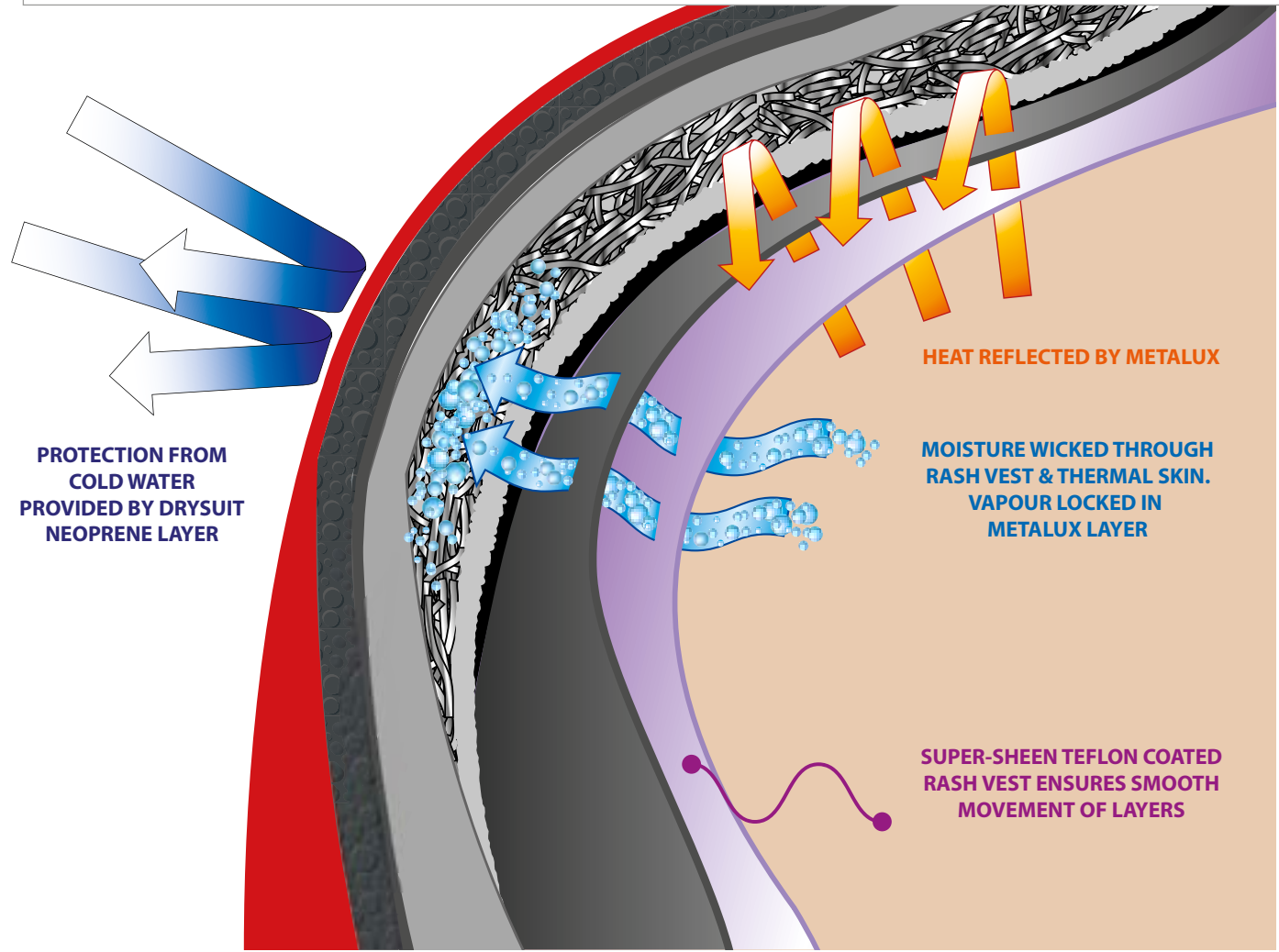
* Warrenty not for general wear and tear, only material defects.



Thermal. Insulation

No drysuit is complete without a good Undersuit System . The Northern Diver layers system provides a solution for the extremes of diving temperatures.

State of the Art Insulation // Undersuits & Thermal Layers



Our ability to protect a diver comes from the materials we use to manufacture our suits. These materials make a substantial difference to the thermal qualities & heat retention of the suit. However, thermal protection does not end with the drysuit - the latest technology & designs are applied to our undersuit range which caters for all temperatures.



Temperate.

Arctic.

Metalux.®

Neil Tordoff, PADI Certified Diver



METALUX

Metalux.® Undersuit



Metalux® has the enviable reputation of being one of the most effective lightweight, high performance insulating materials available, designed to reduce air movement and reflect thermal radiation.

Metalux® retains its impressive insulative qualities when wet or compressed and the quilt construction retains it's thermal integrity, throughout the life of the garment.

Metalux® is hard-wearing, long lasting and machine washable. Available exclusively from Northern Diver and all Northern Diver Authorised Dealers, Metalux® undersuits bring diver insulation into the 21st century.



Above you can see the layers of the Metalux. Working from the top down:

1. 3mm "X-otherm" fleece / fleece pile lining, sits next to the skin & circulates warm air
2. Metalux - multi facet film strips reflects heat back to the body and shield from the cold
3. Soft holofibre acts as an insulator
4. Outer teflon coated nylon shell

METALUX® ARCTIC - 200 / 300 GSM

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

Works When Wet..! - David Wheeler, OWI, BSAC Advanced Diver

My last dive I peeled off my membrane suit & found the outer skin of my Metalux Arctic soaked, though I had been perfectly warm. At home I thought I'd have to wash off the salt but found the fleece lining to be dry. I guess the outer membrane is water resistant, whatever, it works very well & is the best undersuit I have ever had.

Features

- Undersuit reflects body heat back to the diver
- Quick-drying
- Bacteria & fungus resistant
- Fleece lined
- Elastic foot stirrups
- Ultra lightweight
- Pockets on the hips

METALUX® TEMPERATE - 100 / 200 GSM

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

Warm as a Warm Thing on a Warm Day - Daryl Townsend - Flood Team

Although we thought we had good undersuits, boy were we wrong.... Numb leg, frozen feet etc... This year we had the Northern Diver Metalux Temperate undersuit and I could actually feel my legs at the end of a long day in the north Wales water. 1 degree C temp, at best and I was almost sweating... The suits are fantastic. Many thanks to Craig and the Northern Diver team.



Metalux Inner Lining - Colour can vary. You may receive red or black.



Pockets - Two pockets eith side fitted with press stud fastners



Chest pocket - Located on the left side of the chest, pocket fitted with plastic zip closure and is ideal size for any personal belongings



Foot Stirrups to keep leg in place



Undersuit Budget



THERMALUX



Neil Tordoff, PADI
Certified Diver

Thermalux. Undersuit



Warmth & Comfort, 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
- 100% Breathable Microfibre Outer Shell
- Super Absorbant Micro Fleece Inner Lining
- Ultra Lightweight & Quick Drying
- Bacteria & Fungus Resistant
- Elasticated Lycra Fleece Comfort Zone Panels
- Thermal Skin Cuffs
- Thermal Skin Foot Stirrups
- Pockets On The Hips
- Two Way Zipper
- Range of gents & ladies sizes available

Perfect for a neoprene drysuit - by Chris Higgins

I use Northern Divers Divemaster Evolution 12 drysuit and found the addition of their Thermalux Temperate far too warm for me, in water warmer than 10 degrees.

Equally, in water warmer than 15 degrees I only need to use a t-shirt and a pair of joggers. When the water is between 10 and 15 degrees Northern Divers Thermalux undersuits is perfect for me and the one piece design is very simple and comfortable to use.

Northern Diver specialises in layer system undergarments for all conditions. We recommend a Thermalskin and Thermalux undersuit for average UK weather conditions.



Undersuit Budget



Arctic Base. Undersuit

Consisting of a fleece thermal top, thermal trousers and thermal socks.

Arctic Base is manufactured from thick ultra-thermic fleece and thicker fleece is present, where extra insulation is needed. Crafted seams ensure the undersuit and socks provide maximum comfort.

The trousers feature a wide, comfortable elasticated waist band with draw string and ergonomic foot pockets, which ensure optimum leg fit and overall comfort. The fleece sock incorporates a flexible comfort panel on the front and is tailored to the shape of the feet, making them snug and a pleasure to wear.

Features

- Ultra - Thermic Fleece
- Thicker Fleece For More Efficient Insulation
- Crafted Seams For Maximum Comfort
- Trousers Feature a Wide, Comfortable, Elasticated Waist, with Draw String
- Ergonomic Foot Pockets Ensure Optimum Leg Fit and Comfort
- Fleece Socks With Flexible Comfort Panel On The Front
- Sizes Small To XXXL

Warm at last - by Colin P, Feb 2012

I have used this suit in temperatures down to 3 C. It has kept me warm throughout. Also keeps you warm after a dive.

Left: Pictured wearing a Northern Diver black Rash Vest.
For even more comfort and allows your undersuit to glide with your body movements.

Available to buy now :



Undersuit Budget

Northern Diver specialises in layer system undergarments for all conditions. We recommend a Thermalskin and Thermalux undersuit for average UK weather conditions.



BODYLINE UNDERSUIT

Can Be Worn As A First Layer In Conjunction With The Northern Diver Range Of Metalux Undersuits For More Extreme Environments.

- Close Fitting Under Garment
- Fits Like A "Second Skin"
- Constructed From Moisture Wicking Fleece & Super Stretch Lycra For Extreme Comfort
- Ideal Base Layer For Surface Use
- Breathable Fabric
- All Black Colour
- Sizes Unisex : S, M , L , XL, XXL

Thermalskin has proved itself to be an incredibly versatile product. It is not only used by the diving community but in many other walks of life where keeping warm is essential.

Many divers are now using their **Bodyline / Thermal Skin** undersuit as an additional layer of insulation beneath their wetsuits. This is proving to be very successful for those who want to wear their semi-dry for longer durations, deeper dives or in cooler waters.

Cavers have also adopted the Northern Diver **Bodyline / Thermalskin** for use beneath wetsuits or caving suits for comfort and warmth on long trips underground.

Even members of some Mountain Rescue teams wear this undersuit for cold nights on the hills.



Undersuit Budget

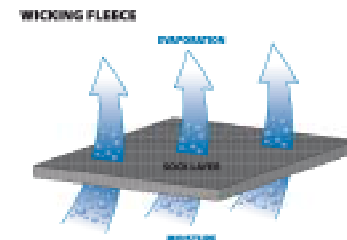
THERMALSKIN



RASH VESTS



HOTSOX



Northern Diver Rash Vests allow your undersuit to glide with your body movements.

They also assist with wicking moisture away, passing it through the undersuit to keep you warm and comfortable.

- Makes Getting In & Out Of Suits Easier
- Wicks Sweat Away From Your Body
- Keeps You Comfortable
- Helps Avoid Salt Water Rash

We have a large selection of colours in long & short sleeves to suit both ladies & gents



These are made from moisture-wicking fleece, which means that your feet remain warm and comfortable.

The socks are double-sided flat-locked stitched which means that there are no raised seams to cause discomfort.

They also have a special heel protector and are cut to fit perfectly.

Moisture is always present inside any diving drysuit, often produced by the diver's own body.

Hotsox wick this moisture away from the skin to provide extreme comfort.

Available Sizes:
XS: 3-4 (36-37)
S: 5-6 (38-39)
M: 7-8 (41-42)
L: 9-10 (43-44)
XL: 11-12 (45-46)



About Northern Diver

Northern Diver is located in Appley Bridge, Lancashire, where a team of 34 highly skilled staff members are spread across various fundamental departments with the goal of supplying the best quality products to the Military, Commercial, Openwater and Rescue sectors, across the UK and throughout the rest of the world.

Over 40 years on we now operate out of our specially designed, purpose built facility, incorporating bonded warehouses, showrooms, manufacturing and repairs departments and much more. We hold £2.5 million of stock with a 6 month rolling turn over ensuring that we can offer instant delivery to the majority of our customers.

Through many years of designing, developing and launching new quality products, embracing new materials and employing advanced manufacturing processes and technology, Northern Diver is proudly established as one of the most competitive and reliable brands in the diving industry.

We are constantly moving forward and working hard to bring you, our customers, the best possible products. We welcome new ideas and challenges with open arms, all of us at ND HQ will continue to work hard to achieve the highest possible quality and service.



【 Northern Diver International Ltd 】

Specialises in Retail, Commercial & Military Drysuits & Equipment

Repairs, servicing, product development, one off samples & superb customer service with many years experience, our dedicated team of technicians, sales personnel & repairs operatives are available via phone, email or skype.

Alternatively Northern Diver HQ is located 5 minutes from the M6 (J27), only 30 minutes from Liverpool Airport & 40 minutes from Manchester International Airport, 20 minutes from Wigan North Western Station on the West Coast Mainline. London Euston Station is only 2 hours away.

We are happy to collect clients when visiting our company.

Telephone : +44 (0) 1257 25 44 44 Website : www.ndiver.com

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