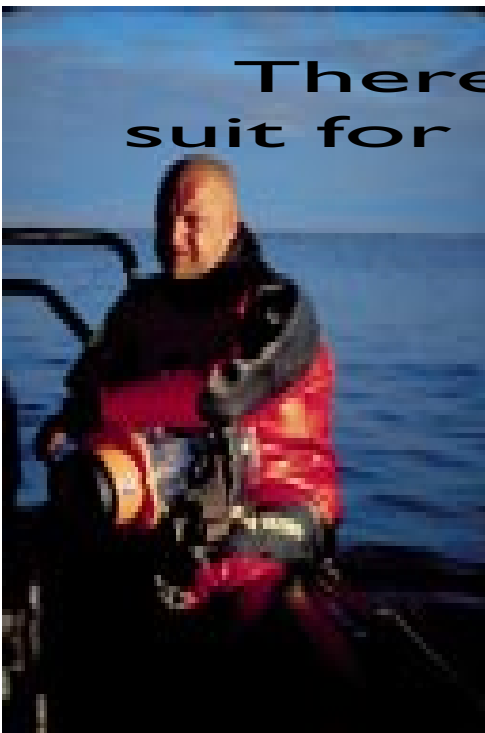




**Viking Rubber  
Drysuits**

*The professional divers' choice*

## There is a Viking suit for every need



As a professional diver or a demanding sport diver, you know what you want. You need to feel comfortable and safe, to focus on the job or the adventure. As a professional diver you can't choose where to dive. Without the proper equipment you might risk your health or even your life.

The Viking assortment has been refined over several decades and we are today proud to introduce our new line of suits for the 21<sup>st</sup> century. We focus on two different models; the PRO 1000 for rescue- military- and demanding sportdivers and the HD 1500 for commercial divers. On page 6-9 you will find more detailed information on these suits. We keep our tradition of producing classic styled diving suits.

## The key to success

Viking suits are renowned throughout the world for their quality, comfort and excellent performance. It takes a lot of experience and hard work to gain that reputation, and to keep it!

With our close cooperation with the end customer, e.g. military divers, we develop our suits continuously. The Trelleborg Group is in the unique position of being in charge of the entire production process. The rubber is mixed and coated in our own factories which gives us the possibility to control the process



from the choice of raw material to the finished suit. The research is done in our chemical laboratories. We do not have to negotiate our standards - we set

them ourselves. This is how we can guarantee the quality, that has made the Viking name synonymous with the dry diving suit used by professionals.

## Rubber for excellent diving

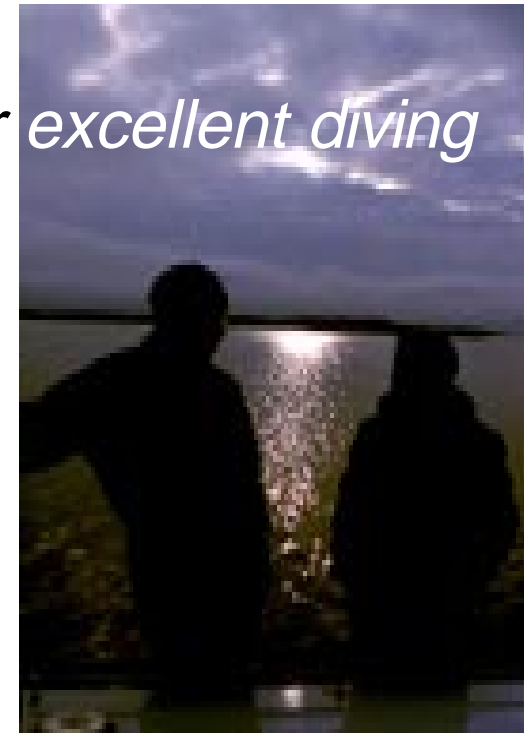
Our suits have a history going back five decades. Skillful chemists and product experts have continuously worked to improve our suit in all ways. The basic concept is the same. Why? Because it works. We have always focused on quality. Our customers appreciate that and come back. We have seen many changes during the years, new applications and new materials coming and going. Serious divers return to Viking rubber suits year after year. For them Viking is a good investment and makes diving-life simple.

### Why?

**Strong and Dry:** The seams on our suits are vulcanized which means the molecules link together to give you a seamless suit, there are no threads penetrating the material causing leaks and no glue ageing causing the suit to fall apart. Take a close look at our seam construction and compare it to any other, it speaks for itself.

**Comfort:** Our suits consist of rubber covered on to a lining. Both materials stretch and give excellent freedom of movement. Most Polyurethanes and trilaminates do not stretch and will hinder your

movement. Our sizing is consistent. We vulcanize on shaped mannequins giving the exact sizing every time. Our competitors don't do this; the result - "inconsistent sizing". Coming from close attention to details in all stages of production, Viking can cope with a close comparison.



## Experience the difference

# Viking - in all waters

Isn't it strange? When it comes to diving we often don't consider the danger of contaminants in the water. "Anything" could be down there. Is it because we can't see what is below the surface? If we spill something on the ground we clean it up, in the water we don't. We can't see it.

The sea has been used as a refuse dump for decades, but we have only recently become more aware of this problem and therefore we are now environmentally conscious.

In the past divers have been concerned "What will happen to my suit and can I clean it?" Our concern is, will the suit protect the diver.

Is it worth the risk to wear equipment that has not been chemically tested, may leak, can't be cleaned and will breakdown after some time due to substances trapped in the fibers.

If you work on a hazmat team or as a firefighter you wear equipment that is safe and protects you, the idea of anything else doesn't make sense. Diving shouldn't be any different, divers too work in a hazardous environment.

As an employer, why take that risk? What happens if a diver gets sick? How do you explain that the equipment used wasn't tested, no product information was available and that the suit wasn't built for that particular job.

To make informed decisions and to minimize risks at all levels you need a database that covers all details of the suit down to the weakest link.

Trelleborg/Viking has this information. Information on material, seams, zippers and latex. We know how well our product stands up against biological and chemical hazards.

During the eighties a lot of new materials turned up on the market and some people claimed that rubber suits were old fashioned and on its way out. We at Viking never shared this belief and are today very pleased to welcome a lot of old customers back, who after a small adventure in different materials have realised that a rubber suit offers not only comfort and safety, but also a cost efficient piece of working gear.

## Why take the risk?

Since the launch of "Diving in Contaminated Water" there has been an enormous response from professional divers all over the world. We at Viking are very pleased that the testing format we have developed has been accepted by the diving community and continues to provide professionals with valuable information to enable them to conduct safe diving operations. We also recommend the book *Diving in high-risk environments*, by Steven M Barsky, published by Hammerhead Press, January 1999. Viking together with Steven Barsky has also produced a CD-ROM called Contaminated Water Training Program which contains lectures on contaminated water diving. The CD can be ordered directly from Trelleborg.



## Viking for quality

All Viking rubber dry suits are produced in our Swedish facilities under the most stringent quality control. Our factories are certified according to ISO 9001 and all suits are individually marked and tested which give you as a customer an assurance that your suit will perform according to your demands. The quality device also conform our accessories such as latex, valves, repair kit etc. all aiming at satisfying or exceeding

the demands of our customers.

Viking also put a lot of effort into divers safety. A diving suit is a Personal Protective Equipment and we are certified according to the Personal Protective Equipment Directive 89/686/ECC (PPE) Class 3 which is the highest class with the toughest demands. We also take part in the work of standardisation of diving suits and support the Code of the Responsible Diver.

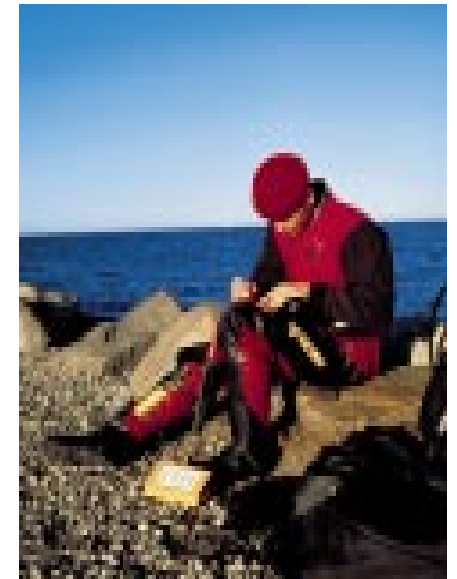


## Repair your suit on site

There are things you can do to lengthen the lifetime of your suit. After the dive, make sure that the suit is properly dried. Turn it inside out, and don't forget the boots. Rinse your suit with fresh water after each dive. Wash your suit from time to time, using a mild detergent, both on the inside and the outside. Optimal storage conditions for your suit is a dry, cool and dark place.

If you get a hole in your suit, which unfortunately can happen with any suit, just dry with a rag and patch - you're done. With a smooth rubber surface our suits dry quickly, allowing you to repair on site. You don't even have to take the suit off.

A Viking rubber suit is as easy to repair as a bicycle tire. Suits with a porous surface like neoprene and trilaminate have to dry before you can repair them, that means hours of downtime. With a Viking suit, you can continue your mission within minutes.



## User story

During the salvage of the CMA Djakarta in Egypt and Malta Smit Tak B.V. has used the Dirty Harry Diving System in combination with the Viking HD drysuits. The CMA Djakarta was loaded with several containers with dangerous goods, and when he got fire in some holes the containers with dangerous goods were destroyed. After sampling the water in the holes, and consulting the "Viking Data Base Diving in Contaminated Water" and Trelleborg it was allowed to dive in the holes for 1 hour with a new suit. The Dirty Harry overpressure Helmet is a DSI based helmet with a Reclaim Ultrajewel 601/17C regulator and an Exhaust Control panel. The Viking Dry suits have a special pocket just behind the valve to accept super absorbent material pads. The combination of the helmet and the Viking HD drysuit was one of the reasons that the salvage of the CMA Djakarta was finished so fast.

*Diving Department  
Smit Tak B.V.*



## Commercial Divers

Even a classic style can be improved. Therefore we have been working on the design of the Viking assortment for commercial divers.

In cooperation with our reference divers, we have studied where the suits get worn and torn. From this knowledge and experience, we have made new reinforcements on our Viking suits. The Viking HD 1500 and HD 1500 Wide has improved reinforcements on shoulders, crotch and legs, to withstand the wear and tear of the equipment used.

A wide range of straps and harnesses are used by commercial divers. To avoid problems with equipment interfering with the valves, the Viking inlet valve has a flexible placement.

The measures of the wide models are further adjusted to the demands of the commercial divers and our HD zippers has been increased in length to make donning easier. With our reference divers we have also identified the need of a proper and safe foot protection, as you will find in the Viking Welter Diving Boot. An overboot with steel shank and toe cap.

NEW!



## User story

I recently retired from the Detroit Police Department, after 29 years of service, including 22 years as a member of the Detroit Police Underwater Recovery team. I feel qualified to say that the proper choice of dry suit for our needs is the Viking Pro suit.

Team divers have been using the Viking Pro suit since 1988 with great success and reliability. The suit has served us well in every type of diving condition encountered in all those years. We have completed recoveries and/or inspections in water intakes, dams rivers and ice conditions, including multiple recoveries of vehicles and aircraft. Many of the environments we were exposed to were contaminated to some extent, but we felt secure in our Viking Pro suits. I continue to use the Viking Pro in my endeavors as a Public Safety Dive Instructor and Technical Diver.

*William H. Robinette,  
Photographer, Retired Police Officer*



*Detroit Police Department conducting a weapons recovery*



## Rescue Divers

Rescue divers can't choose their dive site and may be forced to dive in waters where contaminants are existing. Therefore it is of vital importance to use a suit which combines protection against hazardous waters with flexibility and comfort. A Viking PRO 1000 in combination with either a rubber or a latex hood, and a sleeve ring system with attached dry gloves, is the best alternative available.

In conjunction with a positive pressure full face mask you are well equipped even for diving in contaminated water\*. By using the Viking "Diving in contaminated waters" booklet you are able to make the risk calculations. (See p. 4) and we at Viking are always willing to share the knowledge we have in the field of chemical protection. Let us together increase dive safety!



\* Warning! Diving in contaminated water is extremely hazardous and requires special training. The diving supervisor has the full responsibility for the safety of the diver based on a risk assessment of the actual conditions at the dive site. When possible, diving in contaminated water should be avoided.

## User story

Today the Swedish clearance divers are in focus. We destruct bombs, mines and other explosives outside the Baltic coast. The explosives are waste from the Soviet union era. For us it is positive to "do it" in reality and not just practise. We depend on reliable, durable equipment which won't fail in action. We have no time for other things than the main task - to clear mines.

The clearance diver division participates in Vikings reference group. We test and evaluate equipment planned to be used within the Swedish navy. In that way we have influence and can get a suit that meets our high demands. Viking is our choice.

*Bengt-Ivar Rådström, XO*



Bergen bag



Personal Equipment bag



Engine bag



Weapon sleeve



Boat commander's bag



Individual Bergen bag



Ski bag



## Military Divers

Viking is today used by almost all military forces around the world. The Viking PRO 1000 Military offers a tough and flexible suit with outstanding performance, long life length and low maintenance cost. The PRO 1000 Military can also be supplied in non-magnetic versions and be fitted with pockets, cylinder bottles etc. according to customer requirements.

In addition to one of the worlds most popular diving suits for military diving we also offer a wide range of waterproof protective bags for weapons, ammunition and equipment.



This brochure is not intended for diving instruction. Some of the divers in the photos are merely showing the suits; they may not be properly outfitted with all the equipment needed for safe diving

## Sport Divers

The advanced sport diver will find the Viking PRO 1000 a very good investment as its durability and length exceeds almost any suit on the market. This is also the reason why a majority of all professional divers choose Viking. A Viking PRO 1000 in combination with the comfort underwear will assure you warm and comfortable dives all year around even under severe climate conditions. With proper care, your Viking suit will last for many years. The initial investment is greater, but the suit's durability will make it a much less costly investment in the long run.

For those who are not willing to take the investment of a Viking PRO 1000 we are proud to introduce our new range of sportsuits Viking X-TREME.



The Kostad-wrech, Norway, at 33 meters depth.

**“For me Viking is the only alternative”**

Johan Johansson, Sweden  
PADI Rescue Diver



## VIKING X-TREME



Viking X-TREME is produced by a polymer coated fabric which offers a smooth and flexible feeling at X-TREME low weight and X-TREME low price still offering Viking's high quality in details.

### How is this possible?

When constructing the Viking X-TREME we have based the construction on the most cost efficient production methods. With the latest materials, you will get a high quality suit at a very competitive price.

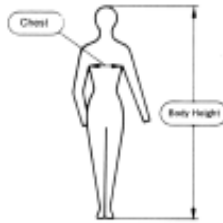
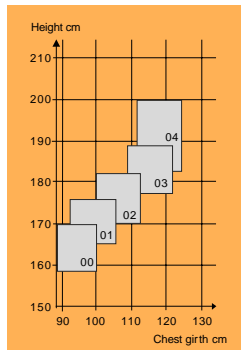
Viking X-TREME - our contribution to the sport divers! A very good alternative when it comes to buying your first dry suit.

# SIZES PRO 1000

## PRO 1000 and PRO 1000 WIDE

Material: The Pro suit is made of black or red EPDM/Natural rubber 1000 gr/m<sup>2</sup>, with a two-way stretch polyester lining.

Suit fitted with rotating inlet (center chest position) and exhaust valve and zipper. The suit is red with black integrated reinforcements from the foot over the knee to the seat. Boots with fin holders. Non-magnetic version for military use, only available in black, with non-magnetic zippers. Non-magnetic valves can be ordered on special request.



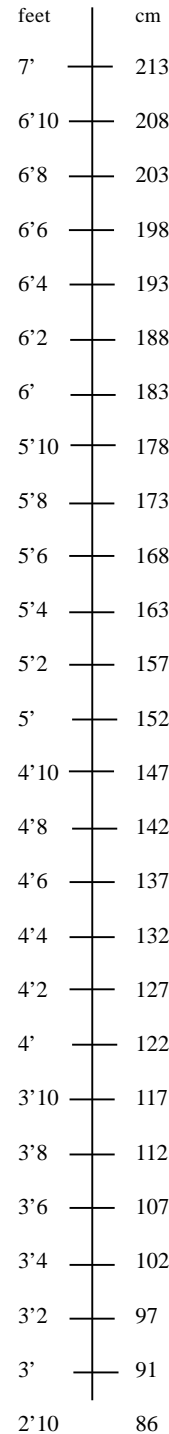
Suit sizes are chosen according to the diver's body measurements. If you need extra mobility in your work, room for an extra undersuit, or if you are near the upper limit of your size, you should choose the next size up or the wider version.

### Pro 1000

Size	PRO 00	PRO 01	PRO 02	PRO 03	PRO 04
Body height (cm)	158-170	164-176	170-182	176-188	182-200
Body chest girth (cm)	88-100	92-104	100-112	108-120	112-124
Shoe Scandinavian	38-40	41-42	43-44	43-44	45-46
Shoe English	5-6½	7-8	9-9½	9-9½	10½-11½
Shoe American	8-9	9-10	10-11	10-11	11-12

### Pro 1000 Wide

Size	PRO W 01	PRO W 02	PRO W 03	PRO W 04
Body height (cm)	164-176	176-188	182-194	194-206
Body chest girth (cm)	88-108	100-116	108-124	116-136
Shoe Scandinavian	43-44	43-44	45-46	45-46
Shoe English	9-9½	9-9½	10½-11½	10½-11½
Shoe American	10-11	10-11	11-12	11-12



# SIZES HD 1500/DD

## HEAVY DUTY 1500

Material: The Heavy Duty and Diver's Dress are made out of red EPDM/Natural rubber, 1500 gr/m<sup>2</sup>, with a two-way stretch polyester lining.

Red with black reinforcements on knees and elbows and HD zipper. Rotating inlet and exhaust valves factory-mounted for demand breathing systems.

## HEAVY DUTY 1500 DEMAND/WIDE

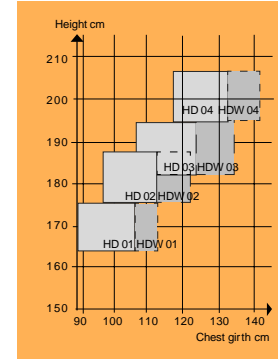
Red with black reinforcements on knees and elbows and HD zipper. Rotating inlet and exhaust valves factory-mounted for demand breathing systems.

## HEAVY DUTY 1500 FREE FLOW/WIDE

Red with black reinforcements on knees and elbows and HD zipper. No inlet and exhaust valves. For free flow breathing systems.

## DIVER'S DRESS

Hardhat diving suit, red with black reinforcement on elbows. With feet for heavy, metal diving shoes. No inlet and exhaust valves.



Suit sizes are chosen according to the diver's body measurements. If you need extra mobility in your work, room for an extra undersuit, or if you are near the upper limit of your size, you should choose the next size up or the wider version.

IMPROVED DESIGN



### Heavy Duty 1500

Size	HD 01	HD 02	HD 03	HD 04
Body height (cm)	164-176	176-188	182-194	194-206
Body chest girth (cm)	88-108	100-116	108-124	116-136
Shoe Scandinavian	43-44	43-44	45-46	45-46
Shoe English	9-9½	9-9½	10½-11½	10½-11½
Shoe American	10-11	10-11	11-12	11-12

### Heavy Duty 1500 Wide

Size	HD W 01	HD W 02	HD W 03	HD W 04
Body height (cm)	164-176	176-188	182-194	194-206
Body chest girth (cm)	98-114	106-122	108-134	116-142
Shoe Scandinavian	43-44	43-44	45-46	45-46
Shoe English	9-9½	9-9½	10½-11½	10½-11½
Shoe American	10-11	10-11	11-12	11-12

### Diver's Dress

Size	DD 01	DD 02	DD 03
Body height (cm)	164-176	176-188	182-194
Body chest girth (cm)	88-144	88-144	88-144
Shoe Scandinavian	43-44	43-44	45-46
Shoe English	9-9½	9-9½	10½-11½
Shoe American	10-11	10-11	11-12

# Accessories

All Viking rubber dry suits can be tailormade according to your request. When choosing the right suit for your need, start by identifying the correct size on page 10-11. If you need prolonged arms or legs or change of foot size, just make a note when you order your suit. When you have choosen the right size it is time to decide which hood option, cuff option and accessories, i.e. relief-zipper, pockets etc you desire.

For commercial divers we offer yokes to almost any existing helmet, and for sport divers we offer ready made suits with either only neckseal to be worn with separate hood, or with attached hood at discounted prices and delivery from stock.



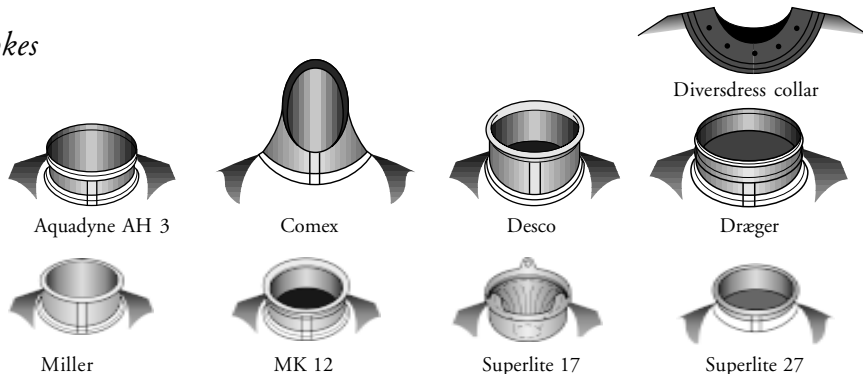
The viking suits are as standard delivered in a practical suit bag with user's manual, suspenders, repair kit, inlet hose and *Survival in cold water* booklet, supplied without any extra cost.

## Hood options



Outer shell	Nautic	Surveyor	Turbo	Magnum	Combi
Faceseal	Neoprene	Latex	Rubber	Rubber	Latex
Inner hood	Smooth skin	Latex	Latex	Latex	Latex
Neckseal	-	Open cell liner	Latex	Open cell liner	Open cell liner
Size	Latex/Neoprene Universal	Latex	Latex	Latex	Neckring+latex

## Yokes



## Cuff options



Bellows cuff  
XS - XL

Pro cuff  
Universal

Heavy Duty cuff  
Universal

Sleeve ring

## Gloves



Rubber mitten

Latex mitten

Threefinger latex mitten

5finger latex glove

## Boots



Attached Safety boot

Rubber safety boot with steel toe cap and nail protection mounted to the suit.

Welter Diving boot

Tough rubber safety boot with steel toe cap, nailguard and integrated weights 10x50 g. To be used on top of your suit which allows you to use the suit for swimming inspections.

## Extras



Relief zipper

An appreciated accesorie which allows repeated dives without doffing.

Pocket

Rubber pocket with plastic buckle

Leg weight holders

Tough rubber weight-holders 10x50 g, which facilitate correct weighing in the water.

Hanger

The hanger is specially developed for the Viking suits, and it makes your suit hang and dry without damaging the material.

This brochure is not intended for diving instruction. Some of the divers in the photos are merely showing the suits; they may not be properly outfitted with all the equipment needed for safe diving

# Underwear



**Woolen Terry**  
Super hygienic: 60/40  
wool/polyester



**Comfort Plus**  
Liner: Trevira Microtherm  
Inter lining:  
Thinsulate® C100  
Outer shell: Suplex



**Arctic Plus**  
Liner: Trevira Microtherm  
Inter lining:  
Thinsulate® C400  
Outer shell: Suplex



**Oden**  
Liner: fleece  
Outer shell: polyester

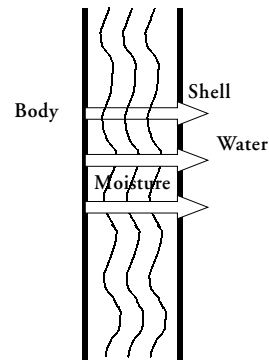
The Viking Undergarment concept is designed to give the user the best conditions for planning and performing a comfortable and enjoyable dive. The basic principle is the "several-thin-layers": keep dry and insulate with air around the body.

One of the great threats for Divers is hypothermia, massive body heat loss where the body core temperature is below 35 °C (95 °F).

Therefore, choosing the right undergarment is of major importance. The super hygienic woolen terry underwear is worn closest to your body, and it takes the moisture of the skin. The wool in this garment gives a good dry feeling on the skin. Wool keeps you warm even when moist

The moisture will then be absorbed by the outer garment. This garment, Oden, Comfort and Arctic are multilayer garments, see specifications below, and the first layer, the high quality fleece will absorb the moisture. The fleece together with the other layers creates proper air layer around the body.

On all suits there is a thumb grip for easy donning of the dry suit sleeves, and where the outlet valve on the suit is positioned there is a "low-permeable" material sewn in for easy buoyancy control.



This brochure is not intended for diving instruction. Some of the divers in the photos are merely showing the suits; they may not be properly outfitted with all the equipment needed for safe diving

# Viking collection

To make your diving complete, Viking has a range of high quality accessories. A bag, perfect for your suit or your training gear. Nice warm sweaters, windbreakers and T-shirts to keep you warm and comfortable before and after your dive and a fancy cap to go with it, shows you are a true Viking diver. All accessories are of high quality and excellent performance. The suit hanger is indispensable when you hang your suit to dry.



The blue bag is made of nylon and large enough to carry your suit.



The windbreaker is made of a nylon shell with cotton lining. It comes in size small, medium, large and x-large.



Cap in canvas with Viking logo on front, or leather cap with Viking embroidered in the neck.



T-shirts and tennis shirts in 100% cotton with Viking logo. Black or white, size S-XL.



Sweaters in grey or dark blue with logo on front and back.





**People ask**

***“What’s so special about Viking”***

Federal Bureau of Investigation, Boston Fire Dept. Kungsholmens Fire Dept.  
New York City Police, LA County Fire Dept. Detroit Police, New York Fire  
Dept. Massachusetts State Police, Nashville Fire Dept. New Jersey State  
Police, N.O.A.A. Michigan State Police Army Special Forces, Dutch Army,  
Marine Shellfighters, Sweden, Swedish Navy, US Navy EOD, Norwegian  
Navy, Danish Navy, Kon Marine, NL, French Navy, the British Navy, German  
Navy, Italian Navy, Korean Navy, SMIT TAK, NL.

**We think it’s the people that use them**



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