

VIKING
THE WORLDWIDE
DIVING STANDARD



VIKING ProTech (Back Entry) - with Nautic neoprene hood



The ProTech suit is made of black EPDM/natural rubber on top of a very flexible polyamide/elastane lining. The suit is fitted with rotating inlet and exhaust valves and a medium-duty zip. Black rubber reinforcements are integrated on the suit and covers the lower front leg over the knee to the seat and also across the shoulders. Rubber coated neoprene boots are fitted to the suit for optimal comfort. As an option, the Viking ProTech can be equipped with cargo pocket, cylinder pocket and/or knife pocket and a relief zip.

GARMENT MATERIAL

A very flexible knitted polyamide/elastane fabric coated on one side with a blend of un-vulcanized natural rubber (NR) and synthetic EPDM rubber. The qualities of the material provides a suit with extreme flexibility while meeting requirements of both maximum mobility and durability. Total material weight (lining and rubber coating): $1250 \pm 100 \text{ g/m}^2$.

STITCHED SEAMS BECOME SEAMLESS

Stitched seams from the tailoring are covered on the outside with rubber tape of the same rubber blend as the suit material. When all seams are covered, the suit is vulcanized in order to get the seams sealed and water-tight. In fact, it can be stated that the vulcanization process makes the suit seamless. The chemical reaction occurring during vulcanization joins together and binds the rubber coated garment material and the rubber tape and hence creates one material.

GLUED SEAMS

Glued seams, e.g. attachment of sleeve rings, cuffs, neckseal and hood are covered and glued with vulcanized rubber tape.

FOOTWEAR

Rubber coated neoprene boots are sewn to the legs of the suit. The boot has a fin-strap retainer on the heel to prevent fins from sliding off. An alternative to neoprene boots, are the standard Viking rubber boots.

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VIKING SEPARATE NEOPRENE HOOD

VIKING ProTech AS BACK ENTRY OR FRONT ENTRY MODEL

Viking ProTech is available in both back entry and front entry versions. The convenience of being able to don the suit entirely without assistance, which is possible with the front entry version, is a huge advantage for a lot of divers.

ZIPPER

Viking ProTech is fitted with a medium-duty zipper due to the flexibility of the suit fabric. The zipper is gas and watertight.

REINFORCEMENTS

Viking ProTech has an extra layer of black rubber reinforcement with anti-slip surface vulcanized to the suit. This protects the suit from abrasion damage in certain areas, e.g. over the knees and rear of trousers, around the zipper and over the shoulders.

SUSPENDERS

Elastic heavy-duty braces can be attached to the inside of the suit for ease of wear and crutch adjustment.

VALVES

The inlet valve is 360° swiveling and positioned centrally on the chest. Outlet valve is placed on the upper left arm. Both valves can be positioned according to custom demand.

HOOD AND NECKSEAL

The Viking ProTech offers all options when it comes to hood and neckseal configurations. Neoprene, latex or rubber hoods can be permanently attached/glued to the suit. Configuration with the neckseal only option (neoprene and latex neckseals available) is also possible. Hood option will then be to use the separate neoprene hood.

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VIKING BAYONET RING SYSTEM



VIKING REPAIR KIT



5-FINGER LATEX GLOVE



3-FINGER RUBBER MITTEN

CUFF RINGS

Cuff rings can be attached to the suit either permanently or, if preferred, as detachable. When permanently attached, rings are glued to the sleeves. Cuff rings make it possible to use dry gloves/chemical protective gloves. With cuff rings, fast and easy exchange of cuffs is enabled. Cuff ring options range from the standard rubber sleeve ring to the Bayonet Ring System.

CUFFS

Latex cuffs are either attached by mounting them inside the cuff rings or they are permanently glued to the sleeves.

STANDARD SUIT SIZE RANGE

The Viking ProTech series is available in ten standard sizes:

00 - 05 (Small - XXXL)

01 Wide - 04 Wide (Medium Wide - XXL Wide)

For detailed size measurements along with boot sizing, please see the Viking size chart, which is available on the Viking website, www.trelleborg.com/vikingdiving.

Vulcanized rubber suits are not custom built due to dependency of aluminum mannequins for vulcanization. Extension and shortening of arm and leg length is possible and offered separately.

INCLUDED WITH EACH DELIVERY

Each suit is delivered in a bag including:

- User's Manual
- Repair Kit
- Inflator Hose
- Zip Care Tools
- Suspenders

ACCESSORIES - GLOVES

Dry gloves are available in both latex and rubber (same material as the suit). Models range from 5-finger (latex only) to 3-finger and regular mittens. Dry gloves can only be used in conjunction with cuff rings.

Optional accessories for the suit include relief zipper and various pockets; cargo style, knife pocket or cylinder pocket. Viking also offers a vast range of different hoods, cuffs, neckseals, valves and gloves to choose among for the professional diver. All can be adapted to fit the Viking ProTech series.

CHEMICAL RESISTANCE

The Viking ProTech offers outstanding chemical protection when operated in contaminated and polluted water. Complete results of permeation data is available in separate documentation; *Diving in Contaminated Water, 3rd Edition: Chemical and Biological Tests of Viking Dry Suits and Accessories*. Chemicals presented are all according to ASTM F1001.

STANDARDS

The Viking ProTech is tested and CE-type approved by the notified body FIOH (Finnish Institute of Occupational Health) in Finland, in accordance with the EEC Directive 89/686/EEC and the EN 14225-2 Dry Suits - Requirements and Test methods.

REFERENCES

The Viking rubber dry diving suits are in world-wide use by leading hazmat, rescue and fire teams, military armed forces, law enforcement agencies as well as in the commercial diving industry. Some of our well-known Viking customers include:

New York City Fire Department • Brandweer Amsterdam • Madrid Council • Hong Kong Fire Services Department • National Fire and Rescue Administration (BOMBA) Malaysia • US Navy EOD • Royal Dutch Navy • French Navy • Swedish Navy Clearance Divers • KNM Tordenskjold, Military Dive School Norway • South Korean Navy • Taiwan Navy Rescue Team • New York Police Department • Detroit Police Underwater Recovery Team • FBI • The National Counter Terrorist Unit Sweden • Japan Police Headquarters • Australian Police Rescue Divers • Royal Canadian Mounted Police • Swedish Coast Guard • Environmental Protection Agency (US) • National Oceanic and Atmospheric Administration (US) • Skanska AS, Norway

