

**VIKING**  
THE WORLDWIDE  
DIVING STANDARD



## VIKING PRO 1000 (Red) - with Nautic neoprene hood



The Pro 1000 suit is made of red or black EPDM/natural rubber with a two-way stretch polyester lining. The suit is fitted with rotating inlet and exhaust valves and a heavy-duty zip. The suit is equipped with black integrated reinforcements from the foot over the knee to the seat. Boots are fitted with fin-strap holders. As an option, the Viking Pro 1000 can be equipped with cargo pocket, cylinder pocket and/or knife pocket and a relief zip.

### GARMENT MATERIAL

Strong and flexible knitted polyester fabric coated on one side with a blend of un-vulcanised natural rubber (NR) and synthetic EPDM rubber.  
Total material weight (lining and rubber coating):  $1050 \pm 100 \text{ g/m}^2$ .

### 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 vulcanised in order to get the seams sealed and watertight. In fact, it can be stated that the vulcanisation process makes the suit seamless. The chemical reaction occurring during vulcanisation 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, hoods and safety boots, are covered and glued with vulcanised rubber tape.

### FOOTWEAR

Heavy-duty rubber soles are stitched to the legs of the suit and together form the boots. The seam is covered with a double layer of rubber tape for abrasion resistance. The sole itself has a rough "anti-slip" surface. The boot has a fin-strap retainer on the heel to prevent fins from sliding off. As an alternative to the regular rubber boots, the suit can be delivered both with rubber coated neoprene boots or steel-toed safety boots.

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**VIKING BAYONET RING SYSTEM**

#### **ZIPPER**

A 90 cm long heavy-duty zipper is placed across the shoulders. The zipper is gas and watertight.

#### **REINFORCEMENTS**

The Viking Pro 1000 has an extra layer of black rubber reinforcement with anti-slip surface vulcanised to the suit. This protects the suit from abrasion damage in certain areas, e.g. over the boots, 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**

Glued to the suit is a neoprene hood, Nautic model. The hood is a standard neoprene hood with a textile outer surface and a reflective Viking logo on top of the head. The neckseal is glued to the suit underneath the hood.

#### **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.

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#### STANDARD SUIT SIZE RANGE

The Viking Pro 1000 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.

Vulcanised rubber suits are not custom built due to dependency of aluminium mannequins for vulcanisation. 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 Pro 1000 series.



**VIKING REPAIR KIT**



**5-FINGER LATEX GLOVE**



**3-FINGER RUBBER MITTEN**

**CHEMICAL RESISTANCE**

The Viking Pro 1000 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 Pro 1000 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.

**REFERENCES**

The Viking Pro 1000 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

