

VIKING
THE WORLDWIDE
DIVING STANDARD



VIKING HD 1500 (Black) **- with Aquadyne AH 3 yoke**

The HD 1500 suit is made of red or black EPDM/natural rubber with a two-way stretch polyester lining. The suit is without valves due to the free flow helmet system. All HD 1500 models have a heavy-duty zip and are equipped with black integrated reinforcements over the shoulders and from the foot up over the knee. As an option, the Viking HD 1500 suit can be equipped with various pockets 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): 1550 ± 100 g/m².

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 seamless material.

GLUED SEAMS

Glued seams, e.g. attachment of sleeve rings, cuffs, hood or yoke, 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. As an alternative to the regular rubber boots, the suit can be delivered with steel-toed safety boots.



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VIKING SLEEVE RING

ZIPPER

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

REINFORCEMENTS

The Viking HD 1500 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, front of lower legs and knees, 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.

NO VALVES

The HD 1500 with AH3 yoke is delivered without inlet and exhaust valves due to the free flow system of the AH3 helmet.

YOKE WITHOUT NECKSEAL

Glued to the suit is a rubber yoke or collar, AH3 model, for easy and secure connection directly to the AH3 diving helmet. The yoke is mounted without neckseal to facilitate pressurization of the suit through the helmet's free flow air supply.

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 HD 1500 series is available in eight standard sizes:

01 - 04 (Medium - XXL)

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 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

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 yokes for attaching diving helmets, and which all can be adapted to fit the Viking HD 1500 series.



VIKING REPAIR KIT



3-FINGER RUBBER MITTEN



VIKING TURBO RUBBER HOOD

CHEMICAL RESISTANCE

The Viking HD 1500 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 HD 1500 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 HD 1500 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:

Skanska AS • Smit Salvage • Wijsmuller Salvage • Buffalo Industrial Diving • Veidekke Norway • Norsk Yrkesdykkerskole AS • Swedish Naval Diving School • US Army Special Forces • Canadian Navy • Royal Danish Navy • Royal Dutch Army • Boston Police Department • New Hampshire State Police Headquarters • New Zealand Police • The National Police Agency Netherlands • Nagoya Police Agency • Long Beach Fire / Life Guard • Miami Fire Department • Gothenburg Rescue Service & Diving School • Stockholm Fire Department • Trondheim Fire Department • Japan Fire Defence Headquarters • Ahmedabad Fire & Rescue Services

