



VIKING Defence



VIKING LIFE-SAVING EQUIPMENT

WHEN IT COMES TO **safety**
— THINK VIKING™



DuPont™
VIKING is a DuPont™ NOMEX® Quality Partner
which means all of our products are subject to
tough requirements and undergo extensive testing
to ensure the best quality.



W.L. Gore
VIKING is a licensed partner approved by W.L.Gore.

Welcome to the VIKING advantage

VIKING offers all the advantages of a global market leader for convenience and long term economic savings.



About VIKING

VIKING is a market leader in maritime safety, providing essential safety equipment for passenger and cargo vessels, offshore installations, defence and fire-fighting industries, fishing and yachting vessels.

The VIKING headquarters are located in Denmark. Our products are manufactured at 4 locations: Esbjerg and Bramming in Denmark, Bergen in Norway and in Bangkok, Thailand.

We have a unique worldwide network of subsidiaries, agents and 270 authorised servicing stations.

Product portfolio

We offer a wide range of product packages that are standard or custom designed according to customer specifications.

- Marine Evacuation Systems (MES)
- Offshore Evacuation and Embarkation Systems
- Liferafts (Davit launched, throw-overboard, system, special)
- Boats (Fast rescue, MOB, work)
- Lifesaving appliances
- Personal Protective Equipment:
 - Immersion and work/constant wear suits
 - Transportation suits
 - Pilot suits
 - Fire protective clothing
 - Lifejackets



ISO standards

All our production facilities follow uniform guidelines and have identical systems and procedures. ISO 9000 standards assure consistent and standardised quality in accordance with specifications.

NATO Stock Number

VIKING is recognized globally for our quality products and we are an approved and registered vendor for military forces. Our NATO Cage Number is R1172 and several of our products have NATO Stock Numbers for easy processing and ordering.

Navy Evacuation Systems by VIKING

Unique easy to handle mass evacuation systems for all vessel types and sizes



Every second is critical when abandoning ship at sea. Getting the maximum number of crew/persons and crew safely evacuated in the minimum of time is the priority.

It is essential that high capacity life-saving equipment is easy to handle by a minimum of crew to ensure safe and rapid evacuation of all on board.

VIKING's advanced evacuation systems provide fast and easy evacuation, exceptional stability and are trusted by crew worldwide.

Navy Evacuation Systems by VIKING are designed specifically for Navy vessels with evacuation heights up to 20 metres.

Approvals*:

The standard VEMC and VEC systems are fully approved according to SOLAS, IMO and EC for evacuation of up to 356 persons in the VEMC and up to 367 persons in the VEC system within 30 minutes.

- SOLAS 74, reg. III/4 & III/34, as amended by IMO Res. MSC 48 (66)
- IMO Res. MSC 81(70)
- EC Directive 96/98/EC with DNV as Notified Body

The VEMC-NAVY Type 1.7 system system is additionally shock/vibration tested according to German Navy (WTD71-Bundesmarine) standard for frigates (corresponding to NATO STANAG requirements). Test carried out September 2004 and approved.

The additional drop liferafts are type approved according to SOLAS, IMO, MCA, USCG, EC and shock/vibration approved as well.

* for Navy vessels engaged on long international voyage

Navy Evacuation Slides by VIKING

The VIKING Evacuation Slide, or VES-DD, is designed for fast and safe boarding of liferafts directly from onboard ship

Flexible installation and capacity

The VIKING Evacuation Slide, or VES, is a high capacity evacuation system that can be suited to match any ship design and capacity. The angle of the slide allows for installation in extreme forward and aft positions on board ship, yet still avoid critical areas when deployed. Additional liferafts can be positioned almost anywhere on board and remotely released when needed.

The angle of the VES system allows for installation in areas often impossible for other types of systems, for example on aircraft carriers or other vessels with Y or special shaped hulls.

A range of liferaft sizes, from 25 person to 100 person, can be used with the system and combined to suit the exact capacity requirements of the ship. The system can be built in flush to the vessel's side to blend discreetly into the ship's design.

Evacuation can commence before liferafts are fully inflated, saving critical time

The landing platform saves valuable time in an emergency situation as evacuation can commence before the liferafts are completely inflated. Several evacuees can descend the double slide at the same time and access the system liferafts from the landing station. The platform can also be disengaged from the slide and function as a supplementary rescue unit.

VIKING's special angle provides stability

The 30° angle of the slide compensates for sea and ship movement, even in heavy weather.

Can also be used as means of rescue

Grab lines along the length of slide allows evacuees to pull themselves up from the water and board the ship. Specially designed stretchers are available for the system that allow for rescue from the water to ship for those unable to pull themselves up on the grab lines.



Special features

- Evacuates 657 people within 30 minutes (passenger), at least 386 people within 17 minutes (HSC) or approx. 160 people in 10 minutes (cargo)
- Installation heights between 6 and 15 metres
- Extremely stable, even in very rough seas
- Simple to operate
- Requires few crew members
- Can be installed at extreme forward and aft positions
- Flexible installation and capacity
- Can be used as means of rescue (MOR)
- Complies with all international regulations
- Can be used in combination with a wide range of different liferaft types

Navy Evacuation MiniChutes by VIKING

The VIKING Evacuation MiniChute, or VEMC, is specially made for small and medium sized vessels with embarkation heights of 5 - 20 metres.



Testing of VEMC system onboard EGV "Frankfurt am Main".

The VEMC design is based on the successful design of the full size VIKING Evacuation Chute. The system is lightweight and compact, and is fully contained in the stowage unit for installation almost anywhere on board. The VEMC can be custom build to suit individual needs.

Proven fast, stable evacuation

The VIKING Evacuation MiniChute has been subjected to exhaustive sea trials in extreme climates and in rough sea conditions exceeding those stipulated by SOLAS requirements.

This advanced evacuation system has proven to be an exceptionally stable system providing rapid and safe evacuation directly into liferafts. The 101 person liferaft is pre-installed onto the chute system and inflates automatically.

Crew/passenger protection

The telescopic nature of the reinforced KEVLAR® evacuation chute ensures a safe descent path and compensates for ship and sea movements so that evacuation is not obstructed. This system has the additional advantage of protecting evacuees from environmental hazards, such as severe weather conditions, during evacuation.

One pull deployment

The system is launched by pulling on the slip hook and deploys in a controlled launch by a controlled free fall.

A tarpaulin is delivered with the VEMC to protect the system from harsh environments including over icing when operating in arctic regions.

Self-contained and compact

The system is self-contained and compact, which means that it can be installed anywhere onboard; on open deck, between decks in an open recess with a float free unit above the system.

Installation heights are from 5 to 20m above waterline (calculated from lightest sea condition to installation deck).

Flexible capacity

The system can evacuate 356 people within 30 minutes with additional drop liferafts or approx. 101 persons in 10 minutes (cargo) to a ready mounted self-righting liferaft.

System features

- Evacuates 356 people within 30 minutes (passenger), 192 people in 17 min 40 sec (HSC) or approx. 100 people in 10 min (cargo)
- Flexible and stable, even in very rough seas
- Simple to operate; unique and lightweight design
- Requires few crew members and little specialised training
- Flexible installation and capacity
- Can be used in combination with a wide range of different raft types
- Complies with all international regulations
- Thoroughly tested according to international regulations
- Quick and simple mounting and dismantling for servicing
- Reinforced Kevlar® chute for evacuee protection

Shock Vibration Tests

The VEMC Type 1.7 is shock and vibration proof and tested according to Bundeswehr Technical Center for Ship and Naval Weapons – WTD71 requirements. Report no: WTD 71-0013/2005, corresponding to BV0440 and BV 0430 NATO STANAG.



Navy Liferrafts by VIKING

VIKING liferafts are found all over the globe – from the arctic to the tropics



Automatically self-righting liferaft



Standard throw-overboard liferaft

VIKING's liferafts are second to none for reliability and durability. Over 45 years of experience in designing and producing liferafts - and feedback from the industry - ensures that our liferafts are the best choice for maritime evacuation in an emergency.

VIKING custom designs and manufactures a range of liferafts and containers that are made to suit particular defence requirements. Special liferafts (i.e. Means Of Rescue, Navy liferafts and Arctic liferafts that can be activated at temperatures as low as -45°C), fragmentation approved containers and NIR lights help keep evacuated marine personnel as safe as possible until help arrives.

Automatically self-righting Navy liferafts

Every second is critical when abandoning your ship at sea. Getting all people evacuated in a minimum of time is the priority. Our Navy liferafts are available in a standard version and a top of the line automatically self-righting version. When every second counts the proven self-righting liferafts ensure that no matter how the liferaft inflates in the water it will always right itself ready for boarding.

Throw-overboard automatically self-righting liferafts are approved according to the latest SOLAS regulations and available for: 12, 25, 50, 101 and 150 persons.

Self-righting Navy liferaft features:

- Improved semi-rigid entry ramp for fast, easy access to the liferaft
- Entrance light and high visibility entry ramp makes locating the entrance and entering the liferaft easier in poor light
- NIR, near infra red, position indicator lights aids search and rescue operations, making the liferaft visible from a far greater distance than conventional lights.
- Exterior canopy net provides grip for evacuees jumping into the liferaft from above
- Fragmentation approved containers, complying with STANAG 2920, protect life-saving equipment from hostile fire
- Shock tested self-righting liferafts are certified by CETENA and comply with MIL STD 901D
- Special container colours, including a radar signal reducing paint system
- Available with NATO Stock Number



Fragmentation approved containers protect the life-saving equipment inside

Navy vessels face a special challenge in regards to life-saving equipment. Vessels can come under enemy fire and marine evacuation equipment is vulnerable to damage from fragmentation. Life-saving equipment is often the last option at sea during rescue, and it is imperative that it is protected from hostile fire, ready for use.

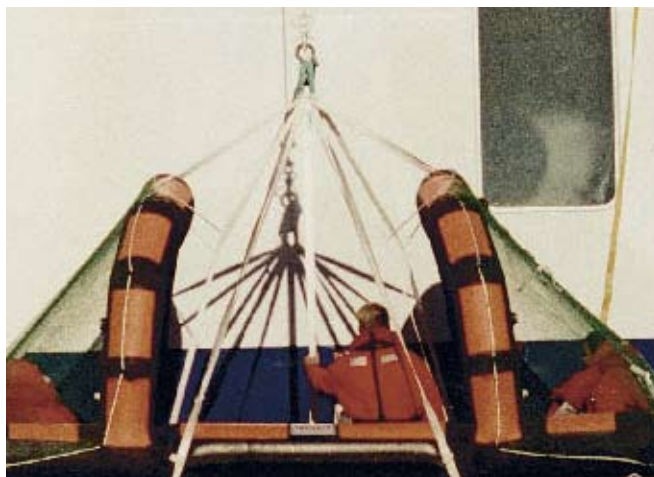
Only VIKING offers the option of packing the liferafts in fragmentation approved containers, giving them the maximum possible protection according to the required test standard. VIKING also supplies containers that protect against shock and vibration damage.

Performance test in X-Y-Z axis

 <small>centro per gli studi di tecnica navale</small>			
CERTIFICATO DI PROVA D'URETO SHOCK TEST CERTIFICATE		1506	Test carried out at RIVA TRIGOSO on Eseguito a RIVA TRIGOSO il
			15/06/2006
Test requested by test richiesto da	VIKING Life-Saving Equipment AIS		PAGE/PAGINA 2/2
Description of the tested item Descrizione dell'esemplare in prova	LIFERRAFT Type 50 DKS With Emergency Pack A		
Unit / Unità: HORIZON Class			
TESTING ITEM PICTURES OR DRAWINGS FOTOGRAFIE O SCHIZZO DELL'ESEMPLARE IN PROVA			
Horizontal Shock			Inclined position "Portside"
			Inclined position "Starboard"
<small>According to test results, it is certified that the components has satisfied the test in accordance with MIL STD 881D Viet i risultati delle prove, si certifica che il componente ha superato la prova prevista da MIL STD 881D</small>			
SIGNATURES FIRME		 RICETENA S.p.A. <small>15010 RIVA TRIGOSO (TN) - Italy</small>	

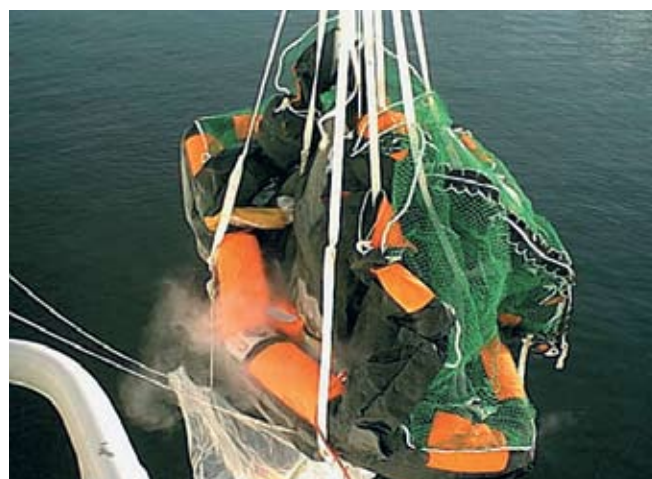
Means of Rescue (MOR) by VIKING

This special liferaft is designed to rescue people from the water and to bring them onboard ship.



The MOR liferaft is approved to carry 12 lying passengers but can carry up to 25 seated passengers. Safety netting secures evacuees during hoisting.

The floor is self-draining for improved comfort and stability.



Personal Protective Equipment by VIKING

VIKING offers a wide range of protective suits with a choice of materials and features for all needs



Small details make a big difference

Our personal protective equipment for the defence segment is based on standard and custom made suits. We understand the importance of pockets, zipper placement, special combinations of materials as well as increased buoyancy and accessories as requirements vary according to application. VIKING's designers work in close cooperation with our international customers to ensure the right suit for each occasion. Our full range and flexibility means we can put together the optimal package for you.

Work and immersion suits

VIKING's work and immersion suits are recognised worldwide as top of the line. They include a choice of materials (i.e. GORE-TEX® Pazifik™) and features for all applications. Work suits are specially designed for freedom of movement during extended wear.

Lifejackets

VIKING offers a complete package of lifejackets for the defence segment. We manufacture inflatable lifejackets towards various international standards including SOLAS, ISO & CE as well as customer specific requirements. We supply both standard as well as customised lifejackets ensuring that the product meets both design as well as performance requirements from the end user.

Professional fire protective clothing

VIKING is one of the most experienced providers of fire protective clothing for the marine industry as well as structural fire departments around the world. Products range from basic to professional suits approved for structural fire-fighting.

All VIKING fire protective suits fulfil international requirements for radiant heat and flame protection such as EN469:2005, EN531 and NFPA 1971-2007, and several styles are 96/98 EC SOLAS approved.

Over water flight suits (OWFS) and transportation suits

OWFS and transportation suits are designed with a focus on comfort during extended wear and maximum protection in over water flight operations. VIKING offers a wide range of choices in pocket and zipper placement and features.

Convenient servicing packages

An important consideration when investing in protective suits is servicing in the long term. VIKING provides the convenience of a full service supplier with a truly global network. We offer total concept service packages including global competitive pricing, handling specifications and service certificates.

All of our suits are tested using the most effective, non-destructive, test methods available to ensure their durability. Exact methods depend on material and facilities available.

**See our full range of
personal protective equipment on
www.VIKINGSafetyshop.com**



Breathable
GORE-TEX®
PAZIFIK™

VIKING PS4170: New breathable and waterproof constant wear suit ideal for waterborne navy operations.

The ultimate in comfort and performance. Immersion/anti-exposure suit with 1-hour or 6-hour SOLAS approval and many custom options.

The new SOLAS approved VIKING PS4170 combines superior material with unique tailored design for one of the most outstanding protective suits available for marine personnel.

VIKING incorporates a waterproof, highly durable and breathable GORE-TEX® Pazifik™ outer fabric with a comfortable high-performing thermal lining. A host of carefully selected special features makes this a constant wear suit that excels in any weather condition and helps protect the wearer in extreme conditions.

A choice of detachable linings with integrated buoyancy foam makes this an ideal suit for FRB & MOB rescue teams, offshore personnel, ship & MES crews, water police, coast guards and lifeguards operating in both cold and warmer climates.



What makes PS4170 a unique solution?

- The waterproof GORE-TEX® material offers high breathability and better comfort. Combined with a durable thermal lining the PS4170 will perform under even extreme maritime conditions while still offering comfortable wear during constant use.
- Tailored for extended wear and maximum comfort with a host of design extras that makes it truly outstanding. Several options can create a unique solution with a custom look.
- Manufactured to withstand the harshest conditions. A high quality finish with several reinforcements, including knee, thigh and seat area, ensure a rugged and durable suit for constant wear.
- Specially designed to comply with the latest SOLAS requirements and maximize protection against hypothermia and cold shock.

See next page for PS4170 features >

VIKING PS4170 features



Lifting becket

The integrated lifting becket encircling the chest ensures a stable position when lifting out of the water. When not in use the snap hook is hidden under the name patch as an extra safety measure.



Buddy line

Specifically designed for situations when close contact to other persons is critical. Buddy line is designed not to snag as it is protected by a line hem. Stored in slim fit shoulder pocket when not in use.



Equipment pockets

- Radio pocket on left breast
- Storage pocket hidden under light on right breast
- Knife pocket on right thigh (knife optional)
- Fleece hand warmer pockets with drain holes and water repellent flaps on hips



Wrist seals

The flexible watertight neoprene cuffs are fitted with velcro-like adjustment straps for optimal comfort and extended wear.



Zipper

The high strength Dynat[®] metal zipper closes at the side of the face for added comfort. Extra durable, soft and flexible ensuring the suit is watertight. Quickly and easily donned.

Zipper wax included.



Retro-reflective tape

Retro-reflective tape on hood, shoulders and sleeves reflects light back at source for higher visibility and aided day and night rescue.



Light and whistle

Fully equipped with SOLAS approved light and whistle.



Extra reinforcements

Silicone Kevlar[®] reinforced knees and Cordura[®] reinforced seat area for extra durability.



VIKING PS4170 options



Hood

Choice of fixed hood (black or orange with black trim) or detachable hood (black) in pliable neoprene. Fixed hood option has a SOLAS approval for use without a lifejacket.



Footwear

Choice of attached rubber safety boots with steel caps and steel soles; attached rubber boots, or GORE-TEX® socks.



Gloves

Choice of 3 or 5 finger detachable gloves with shark skin palms for a secure grip. Gloves are attached to the wrist by a strap and are easily stored in slim fit sleeve pockets.

Extra features

- select as needed:



Zipper fastened thermal inner liner

A choice of light or heavy zip-up thermal linings with integrated buoyancy foam makes this an ideal suit for operations in both cold and warmer climates. Easily removed for cleaning and replacement.



Extra D-ring

Optional D-ring on back for effective retrieval and added safety.



Embroidered patches

Name or company logo can be incorporated into the suit with custom embroidered patches attached with a velcro-like closure on sleeve and/or breast.



Print on back

Name or company logo can be incorporated into the suit with custom heat sealed print/lettering on back.



Detachable pockets

A choice of detachable ID pockets and/or transparent map pockets. Pockets are safely and easily attached to box pockets on sleeves with a velcro-like closure.

Sizes and colours

Sizes: XS, S, M, L, XL, XXL and SPL

PS 4170 is delivered in a practical bag



Yellow fabric with grey reinforcements and pockets



Orange fabric with grey reinforcements and pockets



Orange fabric with blue reinforcements and pockets

Immersion suits by VIKING

PU coated nylon - state of the art with superior functionality, durability and comfort



The superior quality of woven nylon coated with polyurethane makes a more durable suit with a high degree of functionality and comfort. The fabrics are waterproof, have a longer lifetime and are lightweight and flexible. Turnaround time for servicing of PU Nylon suits is typically faster than neoprene suits as these fabrics dry at a faster rate.

Thermal protection is provided by a special micro fibre insulation that like the outer fabric is also lightweight and flexible.

Functionality and optimal comfort suitable for frequent wear. All suits are SOLAS approved and available in 2 sizes: One-size 140 – 200 cm, and Over-size 190 – 210 cm.

See our full range of suits on www.VIKINGsafetyshop.com.

PS5002: Top of the line SOLAS 6-hour approved suit with extra durability and extended protection.

Special features

- For use without a lifejacket - has soft buoyancy foam built in the back of the suit
- Integrated suspender system
- Velcro fastening at ankles
- Moulded non-slip soles
- Gloves attached to wrists by a strap
- Emergency light, buddy line and lifting becket
- Extra thick thermal barrier
- Exceeds SOLAS requirements for protection
- Available in 2 sizes: One-size 140 – 200 cm and Over-size 190 – 210 cm
- Delivered in a practical polyester bag with flexible packing options

NSN: 8415-2221-21660



PS5006: Standard SOLAS 6-hour approved suit with optional buddy line and lifting becket.

Special features

- Must be worn with an approved lifejacket
- Gloves attached to wrists by a strap
- Velcro fastening at ankles
- Integrated suspender system
- Prepared for buddy line
- Prepared for lifting becket
- Prepared for emergency light
- Detachable thermal lining
- Available in 2 sizes, One-size 140 – 200 cm and Over size 190 – 210 cm
- Delivered in a practical polyester bag with flexible packing options



Neoprene Immersion suits by VIKING

Neoprene is especially suitable for basic immersion suits as it is a lightweight and flexible material.

The 5 mm neoprene in VIKING's immersion suits make them watertight and provides the necessary insulation for hypothermia protection.



See our full range of immersion suits on www.VIKINGsafetyshop.com.

Lifejackets by VIKING

VIKING lifejackets are specially designed to ensure maximum personal protection at sea with innovative use of quality materials and an emphasis on comfort



SOLAS approved

Our SOLAS approved lifejackets have been designed to enable persons working near water, where there is a danger of accidental immersion or the like, to operate in complete safety. Their lightweight and modern design make them comfortable to wear - even for extended periods of time.

Loaded with features

- Lightweight and flexible
- Maximum comfort and range-of-motion
- Increased buoyancy 180 - 275N
- New user friendly front buckle with easy adjustment
- Lifting becket for effective retrieval
- Retro-reflective trim
- Light and whistle
- Crotch strap for optimal floating position
- Washable cover
- Designed to fit virtually any body type
- Custom lettering upon request
- Optional spray hood
- Primary compartment inflates automatically, manually or orally. Secondary compartment is manually or orally inflated.

Securing freeboard

SOLAS lifejackets by VIKING are designed to turn an unconscious person to an optimal floating angle with a face up position securing freeboard.

Servicing

Annual servicing of your VIKING lifejacket by an approved lifejacket servicing station is recommended.

See our full range of lifejackets on www.VIKINGsafetyshop.com.

Lifejackets by VIKING

PV9308: SOLAS approved 180N lifejacket with special covers



Special features

- Fabric: Cordura® cover in red or blue or made to customer specification
- PU coated twin-chamber buoyancy compartment in high visibility orange
- Retro-reflective trim
- Lifting becket and crotch strap
- SOLAS approved light and whistle
- Primary compartment inflates automatically, manually or orally. Secondary compartment is manually or orally inflated
- Halkey Roberts auto release unit
- Weight: 1.75 kg

NSN: 4220-2225-95794

PV9344: SOLAS approved lifejacket with 275N buoyancy for situations when carrying extra weight, such as heavy equipment, weapons and constant wear suits.



Special features

- Fabric: Cordura® cover in blue or red or made to customer specification
- PU coated twin-chamber buoyancy compartment in high visibility orange
- Retro-reflective trim
- Optional spray hood
- Optional D-ring with harness
- Lifting becket and crotch strap
- SOLAS approved light & whistle
- Primary compartment inflates automatically, manually or orally. Secondary compartment is manually or orally inflated.
- Halkey Roberts auto release unit
- Weight: 2.0 kg

NSN: 4220-2261-69105

PV9429: Navy lifejacket designed with low profile pouch cover optimizing wearability and comfort. The 180N twin-chamber buoyancy compartment is packed and stored in a pouch cover and is easy accessible if needed in an emergency situation.



Special features

- Fabric: Heavy duty Cordura® cover in dark navy blue
- Twin-chamber buoyancy compartment
- 3M trim on chamber
- Light, whistle and buddy line
- Halkey Roberts auto release unit

NSN: 4220-2225-95913

SOLAS fire protective suits by VIKING

PS4007: Unique SOLAS approved combination suit. Insulated immersion and fire protective suit with superior functionality, durability and comfort.



Two suits in one.

The VIKING PS4007 is a fully approved SOLAS 6-hour immersion suit as well as an EN469 approved structural fire protective suit. This cutting edge 2 in 1 combination allows for multi use of the suit while saving space on the vessel not having to carry both immersion suit and fire protective suit on board.

Unique Fabric Combination

A NOMEX®/GORE-TEX® Tri-laminate outer fabric combined with a 100% NOMEX® Thermal liner creates the unique capabilities of this suit. It is equipped with 3M reflective tape, knee and seat reinforcements and attached EN345 fire-fighter boots. The comfortable neoprene cuff and neck closure is covered with NOMEX® to protect against heat and flame.



SOLAS fire protective suits by VIKING

PS6581: One piece structural fire protective suit with excellent comfort and superior protection. Designed by and for fire-fighters the PS6581 optimises the balance of comfort and breathability without trading off the level of protection needed for structural fire-fighting.

Special features

- Outer Fabric: NOMEX® III or NOMEX® Ti-Technology (PS7181)
- Available colours: dark navy blue, orange, yellow
- Thermal liner: 100% NOMEX® felt quilted to 50%NOMEX®/50% viscose
- 3M triple trim reflective tape
- YKK zipper & fully insulated collar
- NOMEX® tube knitting wristlets with integrated thumbhole
- Raglan sleeves & elastic intake in waist
- Removable kneepads
- Radio and box pockets
- EN469:2005 and MED/SOLAS approved



NSN: 8415-2221-08302

PS6598: Two piece structural fire protective suit with dual approval according to both EN469:2005 and MED/SOLAS. Extremely light weight and breathable 3-layer suit with several features to optimise overall performance and comfort of the fire-fighter.

Special features

- Outer Fabric: NOMEX® III or NOMEX® Ti-Technology (PS7181)
- Available colours: dark navy blue, orange, yellow
- Thermal liner: 100% NOMEX® felt quilted to 50%NOMEX®/50% viscose
- 3M triple trim reflective tape
- YKK zipper & fully insulated collar
- NOMEX® tube knitting wristlets with integrated thumbhole
- Raglan sleeves & elastic intake in waist
- Removable kneepads
- Radio and box pockets
- EN469:2005 and MED/SOLAS approved



NSN: 8415-2230-89063 (Coat). NSN: 8415-2230-89069 (Pant)

Over Water Flight Suits by VIKING

PS4004: Designed in close cooperation with air forces ensuring both fit, comfort and accessibility to pockets. Made from NOMEX®/ GORE-TEX® this suit protects against flash fire and water penetration.

Special features

- Fabric: NOMEX®/GORE-TEX® Tri-laminate (OWFS) membrane
- Available colours: Sage green, orange, dark navy
- U-shaped zipper
- Rubber cuffs and neck seal
- Stretch socks (individual sizing)
- Integrated suspender system
- Elastic intake in waist
- Velcro patches for individual marking
- Detachable map pocket
- Box pockets

NSN: 8415-2230-928xx



PS4077: NOMEX®/GORE-TEX® suit specially designed for military forces and special units to optimise comfort and performance.

Special features

- Fabric: NOMEX®/GORE-TEX® Tri-laminate (OWFS) membrane
- Available colours: Sage green, orange, dark navy
- Split collar zipper
- Neoprene cuffs and neck seal
- Stretch socks (individual sizing)
- High visibility hood
- Velcro waist adjustment
- Detachable map pocket
- Box pockets
- Breast pockets



Helicopter transportation suit and lifejacket with escape breathing system

Breathable, flame retardant and with temperature regulating features. State-of-the-art lifejacket with built-in escape breathing system. One of the first on the market to fulfil strict European aviation rules, ETSO.

PS4003 helisuit:

- NOMEX®/GORE-TEX® outer fabric
- Air release valves on shoulders
- Temperature regulating lining
- J-zipper and elastic intake in waist
- Zipper intake on legs and sleeves for tailored fit
- Box pockets with drain holes on thighs
- Rubber cuff and neck seal
- Fitted with socks and 3M reflective tape
- Optional custom print on back
- Approved according to ETSO 2C503
- Suit must be worn with ETSO approved lifejacket

PV9302 lifejacket:

- Manuel 180N lifejacket with escape breathing system
- Taslan cover and waterproof GORE-TEX® membrane
- Pocket for emergency transmitter
- Fitted with sprayhood, emergency light, whistle, buddy line and lifting becket
- Approved according to ETSO 2C504



Escape breathing system

Time is precious in a rescue situation when ice cold water streams through helicopter windows. The specially designed escape breathing system ensures that the user breathes vital air in the critical seconds after an emergency landing.



Air release valves

Strategically placed air release valves lead excess air out of the suit, which prevents trapped air from acting as buoyancy that can force the wearer upwards in the helicopter and reduce mobility.



Advanced temperature technology

The suit automatically adjusts protection based on body temperatures and surrounding temperatures. If the body temperature increases in warm surroundings, small paraffin wax capsules melt for a cooling effect. In cold situations they act as insulation. Simple and functional.

Work/Constant Wear suits by VIKING

PS4009: Designed for special navy operations with combined fire resistance and hypothermia protection. A NOMEX®/GORE-TEX® outer fabric combined with a special Kevlar® lined thermal liner creates a constant wear suit for the most demanding user.

Special features

- Outer Fabric: NOMEX®/GORE-TEX® membrane
- Available colours: Orange
- Thermal liner: Kevlar® quilted to a filament face cloth
- Diagonal zipper with fully lined storm flap
- NOMEX® covered neoprene cuffs and neck
- Kevlar® reinforcement on knees and seat
- Stretch socks (individual sizing)
- Zipper intake on legs
- 3M reflective tape
- Box pockets, hood pocket, glove pocket

NSN: 8415-2260-69279



PS4022: Constant wear suit for various purposes including work, immersion, transportation and fire fighting. A NOMEX®/GORE-TEX® outer fabric combined with a high performing thermal liner provides a comfortable and flexible garment for the discriminating buyer.

Special features

- Outer fabric: NOMEX®/GORE-TEX®
- Available colours: Navy blue
- Detachable thermal liner with or without buoyancy
- Thermal boots with non-slip soles
- Knee and seat reinforcement
- 3M reflective tape
- Diagonal Dynat® zipper
- Neoprene cuff and neck
- Approved according to SOLAS and ISO 15027-1
- Approved according to EN367 and ISO EN4962
- Approved according to 96/98/EC (SOLAS)
- Approved according to MSC 48 (66) 2.3 and 2.4

About VIKING

VIKING is a market leader in maritime safety, providing essential safety equipment for passenger and cargo vessels, offshore installations, defence and fire fighting industries, fishing and yachting vessels

We offer a choice of product packages and systems that are standard or tailor made, and certified to the latest requirements.

The VIKING headquarters are located in Denmark. Our products are manufactured at production facilities in Denmark, Norway and Thailand.



Global service network



VIKING is a global all-in-one service provider offering consolidated servicing of safety equipment on board. We offer total concept service packages including global competitive pricing, handling specifications and service certificates.

Our unique network of 270 authorised servicing stations follows strict guidelines for servicing VIKING's products. The network is supported by certified educational programmes, spare parts supply and continually updated online information and manuals.

All products delivered for servicing are subjected to thorough and comprehensive tests for total quality assurance. Authorised servicing stations have the appropriate tools and spare parts available as turnaround time is important to our customers.

Service can be booked by contacting any of our offices in our global network.

Dedicated global production

Personal protective equipment is manufactured using a combination of modern technology and skilled manual labour



VIKING has an award winning workplace. Our commitment to quality and safety and our loyal and experienced employees mean that our working atmosphere is quite exceptional.

VIKING practices integrated production with joint global planning. Particular speciality competences

or special know how are concentrated at individual production units.

All our production facilities follow uniform guidelines and have identical systems and procedures. ISO 9000 standards assure a consistent and standardised quality in accordance with specifications.

Global logistics

Our logistics network acts as one global unit with specialised systems for handling and tracking stock and delivery

VIKING's logistics specialists have the necessary certifications for optimising handling of products covered by the Dangerous Goods Act such as lifejackets and liferafts. We are experienced in customising logistics for customers with centralised stock or several delivery points.

VIKING's worldwide stock points are geared to carry the appropriate stock for each market to ensure that our customers benefit from optimal delivery and pricing at appropriate locations.



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The VIKING advantage

VIKING is a market leader in maritime safety with over 45 years of experience, providing essential safety equipment for passenger & cargo vessels, offshore installations, defence and fire fighting industries, fishing and yachting vessels.

VIKING products are supported by a unique global network of subsidiaries and authorised servicing stations. We work together as a team via our extensive information network.

The unique VIKING network of subsidiaries, agents, 270 authorised servicing stations and worldwide stock points makes us a truly global provider offering cost-effective and convenient service when and where you need it



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