SEIE MK11

THE ORIGINAL AND STILL THE BEST
The SEIE MK11 is a fully body garment designed for pressurised tower escape with a fully integrated single seat liferaft. Our latest generation submarine immersion suit encompasses many improved design features to boost operational functionality whilst reducing burden on the end user and maintainer. Built with improved thermal protection, we retain a one size fits all garment by employing new and improved sizing adjustments.

New advanced design offers increased protection and survivability

- Unique laminate liner offers increased thermal protection and durability
- In-built lifejacket stole provides improved surface survivability
- New 3-in-1 polar fleece headover improves thermal management of head, neck and face regions
- Improved hood inflation system
- Non-slip thermal soles for added protection
- Superflex Neoprene gloves with improved dexterity and thermal properties, stowed in external accessory pocket
- A training model is also available, suitable for multiple use
- Larger ascent hood view panel gives greater visibility during flood and ascent phases
- Ascent hood includes patented "rip-zip" for rapid CO2 venting on the surface
- Extended torso and leg adjustment straps give enhanced sizing control and the efficient gathering of excess material
- Design changes to the ankle and foot profile allow easier donning while wearing Navy issue footwear
- The improved design shows in the overall improved comfort, fit and functionality of the SEIE Mk11

THE SEIE MK11 IMMERSION SUIT IS:

- The only suit designed to the safe depth of escape of **180 metres** when connected to the Hood Inflation System and **55m** when connected to a bottle
- Able to provide complete peace-of-mind and security, using **30% less air** than earlier designs
- The only fully integrated system on the market today, proven to **reduce the likelihood of end user CO2 saturation** typically found in more segmented products

SECURITY OF SUPPLY SINCE 1952

- The only business with the capability and expertise gained over 50 years in the industry to credibly offer complete security of supply now and in the future
- We currently supply in excess of 30,000 units of submarine escape equipment with a manufacturing footprint that extends over three continents, including the Americas. We have the logistical capacity and technical know-how to continue at this pace while improving our offering
Radical stole design optimises operational capability

- A new unique self-righting stole design has been developed to withstand twice the pressure of existing equipment
- Patented Mk6 Automatic Stole Relief Valve enhances stole inflation, guaranteeing the stole/hood remains fully inflated all the way to the surface
- Improvements to the YPFC and enhanced hose positioning improves air flow and overall operational performance of the ascent stole, allowing for controlled stole/hood inflation
- Integral lifejacket style stole provides over 170N buoyancy and increases freeboard. SEIE Mk11 is suitable for surface abandonment negating the need for secondary equipment or storage

Meticulous packaging and storage design optimises product longevity while minimising bulk

Thermal liner – The thermal liner is packed in a separate hermetically sealed foil envelope to aid protection and logistics with a new metallised polyethylene laminate material, giving excellent thermal protection and high durability. Can be worn over normal service wear.

Valise – Durable flame resistant fabric is used for the outer valise material with an inner lining manufactured from a composite metallised polymeric film with encapsulated air gaps to protect the packed assembly.

Storage – Optimised for on vessel storage – standard configuration packed dimension.
Sizes can be configured to suit customer requirements.

Liferaft function
A Single Seat Liferaft is integrated into the Mk11 to provide flotation and extended survival times on the surface of the water.

Features and benefits
Cutting-edge materials enhance durability and maximise product longevity
- Modern, lightweight, more durable fabrics have been selected throughout
- Flame resistant fabric has been used for the outer valise material with an inner lining manufactured from a composite metallised polymeric film with encapsulated air gaps to protect the packed assembly
- Heavy duty foil barrier material is used to hermetically seal the assembly from external liquid damage and incorporates a new quick release zip design

Additional design improvements
- Colour coded firing and painter handles
- The attachment method connecting the SEIE Mk11 suit to its liferaft has been improved, aiding comfort and reducing the snagging hazard

SEIE MK11 SERVICING SCHEDULE
The Mk11 SEIE suit requires servicing every 3 years at a Survitec service station. Available at convenient locations globally, please contact your regional sales team member for more information.

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<thead>
<tr>
<th>BASIC SERVICE EVERY 3 YEARS</th>
<th>FULL SERVICE EVERY 7 YEARS</th>
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<tbody>
<tr>
<td>General maintenance check</td>
<td>New operating head</td>
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<tr>
<td>New light battery</td>
<td>New light battery</td>
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<td></td>
<td>Check and Test CO2 Bottles</td>
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<td></td>
<td>Check and test inflation of suit and liferaft</td>
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