



Industrial Immersion Worksuit MSD900



MSD900 Orange/Black shown here

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COLOR Orange/Black, Black
 SIZES S-XXL
 CLO Immersed Clo **0.74**

Immersed Clo: Products which have been evaluated for hypothermia protection are marked with their Immersed Clo value.

MSD900 Replacement Components

Thermal Liner MA3009

COLOR Black
 SIZES S-XXL

Immersion Module MA3006

COLOR Black
 SIZES S-XXL

Outer Shell MA3003

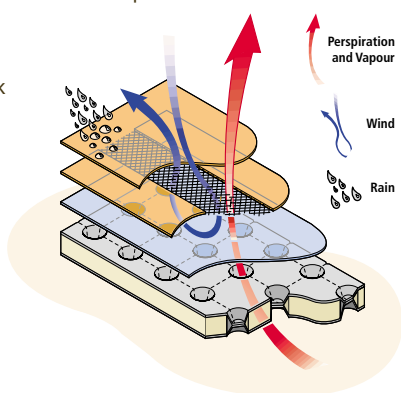
COLOR Orange/Black, Black
 SIZES S-XXL



Built to endure the most extreme operating environment of the marine professionals, the MSD900's revolutionary 3-layer modular system is a result of Mustang's ongoing commitment to research and development. Mustang delivers an innovative answer when the best level of protection in operationally compatible marine survival equipment is required. Providing superior anti-exposure and immersion protection, without sacrificing durability and comfort, the MSD900 is sure to become the suit of choice for marine professionals.

- 3-layer, independently removable Breathable Marine Survival System; the innermost Thermal Liner is constructed of ultra-soft, polyvinylchloride (PVC) closed-cell foam and incorporates our patented "Breathability System" to provide hypothermia protection and flotation while reducing heat stress; the immersion module is made from GORE-TEX®, providing a breathable waterproof layer; the external shell is constructed of a highly abrasion resistant 210-denier nylon and integrates an Advanced Venting System.
- Neoprene wrist and adjustable neck seal closures provide easy donning and improved comfort
- Water-tight zippers and seams
- Inherent buoyancy using ultra-soft, polyvinylchloride (PVC) closed-cell foam
- Ergonomically designed, insulated hood easily folds into collar and is designed to stay in place in all conditions

- Waist belt design is compatible with law enforcement equipment
- Hand-warmer chest pockets, and extra large cargo pockets at hips
- Articulated knees for maximum mobility
- Highly abrasion resistant, reinforced seat and knees
- 95sq" SOLAS/IMO approved high visibility reflective tape
- Inflatable head pillow adds flotation and improved freeboard



The MSD900's 3-layer modular system is functionally integrated to provide superior protection, comfort and durability previously unseen in an immersion worksuit.

Mustang's patented "Breathability System" enhances comfort and reduces heat stress during long or strenuous operations. The neoprene wrist and adjustable neck seals (patent pending) provide a level of comfort previously unachieved in a suit that provides this degree of protection and performance.

The highly visible outer shell is constructed of 210-denier nylon and reinforced in high abrasion areas with even more rugged 500-denier Cordura® nylon panels. A snap down inflatable head pillow makes the MSD900 compatible with a variety of marine survival equipment. With the MSD900's modular system, users will realize reduced life-cycle maintenance costs as components can be repaired or replaced individually.

Protection | Mustang's patented breathable closed cell (PVC) foam not only aids in the moisture management system, but it also provides inherent buoyancy and the basis for hypothermia protection, even in the event of suit damage. Designed to exceed the minimum buoyancy requirements associated with TYPE III Personal Flotation Devices (15.5 lbs.) with the head support pillow inflated, the MSD900's Thermal liner provides inherent buoyancy in a configuration that allows the wearer to manage egress in the event of a capsized vessel.

When tested on a thermally insulated manikin, the MSD900 measures 0.74 immersed Clo in stirred water. This level of immersion protection provides approximately six hours of survival time in 32°F water temperatures.

Comfort | The Thermal Liner is constructed of our patented breathable closed-cell foam. The foam liner is engineered with multiple apertures, then quilted using a wicking fabric, designed to pull excess moisture vapor (sweat) away from the user's body. The Immersion Module uses GORE-TEX® fabric, designed to allow the escape of excess moisture vapor while providing a waterproof barrier to the outside elements. Neoprene wrist and adjustable neck seals aid in the systems delivery of superior comfort and flexibility, reducing heat stress and fatigue associated with long or strenuous operations.

Durability | Finally, the MSD900's Outer Shell completes our advanced ventilation system. Using a polyurethane-coated nylon fabric, the Outer Shell is uniquely vented to allow the escape of heat and excess moisture vapor while providing a water-resistant, durable layer of protection to the Immersion Module and Thermal Liner.