

Immersion Coverall, Quick-Donning MSD720

NSN 8475-21-905-7960

The Mustang Survival MSD720 "Quick-Don" is an excellent blend of ergonomic design and emergency hazards protection. It is conveniently stored, easily and quickly donned and very effective in protecting the user in the event of cold-water immersion. The Quick-Don is an insulated, hypothermia protective, flame and heat protective, quick-donning garment intended for use by aircrew and passengers operating over water. The suit packs into a small nylon case for convenient storage on-board the aircraft. The suit is specifically engineered for long-range maritime patrol and transport aircraft, but also performs well as a helicopter passenger suit or as a land survival suit. The Quick-Don is constructed from inherently buoyant, 2mm waterproof neoprene that is resistant to petroleum. This material provides excellent fire and flame protection as well as thermal insulating performance against extreme heat or cold.

The Quick-Don is a one-piece coverall, designed for compatibility with lifejackets. It is fitted with a horizontal, "across-the-chest" waterproof entry zipper for easy self-donning. The fitting of high stretch, soft latex seals at the neck and wrists, facilitates the watertight design. Seals are replaceable by qualified technicians at the unit level, or the suit may be returned to Mustang Survival for repairs.

The insulated three finger thermal protective gloves are easily accessible in the storage pockets on the sleeves. The glove design provides for easy handling of survival equipment, personal gear, and boarding of rescue boats and life rafts. There is an insulated thermal protective hood stored in the thigh pocket for minimizing heat loss through the head and protecting against adverse weather and cold seas. The gloves and hood are fitted with adjustable straps and are secured to the suit with tethering lines.

A close fitting suit provides enhanced mobility and straps at the waist and ankles that are easily adjusted with either hand to gather in excess suit material. Integrated boots that accommodate regular footwear aid quick donning.

The compact size of the stowed suit is maintained with the nylon carry case's three circumferential suppression straps. It also has a drawstring closure; carry strap and clearly marked donning instructions. Mustang has a long history of working closely with the military developing survival apparel solutions that offer superior performance and comfort.



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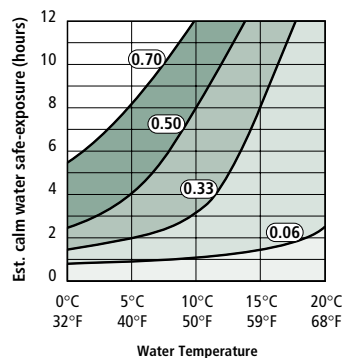
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Materials

A closed cell expanded neoprene laminated to a stretch nylon facing on front and back provides suit insulation. The neoprene insulation is buoyant, waterproof, and resistant to fire, hydrostatic compression, petroleum, oils, and lubricants. The nylon facing provides resistance to abrasion and puncture, and allows for easier donning. Foot soles are available in soft textured neoprene, or rigid non-slip for passenger issue and regular use.

Hypothermia Protection

The quick-donning immersion coverall is an insulated, watertight dry suit. When tested on a thermally instrumented manikin worn over standard clothing, the suit achieves thermal insulation of 0.62 immersed Clo. A benefit of the insulated dry suit is that thermal protection is only marginally diminished in the event of limited water ingress.



Suit Examples

Suit Examples	Immersed Clo Value
Nude	0.06
MS2175 Anti-Exposure Coverall	0.42
MAC10 Aviation Constant Wear Coverall	0.47
MAC200 Aviation Constant Wear Immersion Suit	0.91

Flotation

The total inherent buoyancy of the MSD720 is 62 Newtons (14 lbs). This amount of buoyancy is well within the maximum limit established by helicopter passenger suit standards of 156 Newtons (35 lbs).

Size

Universal adult, one size fits most.

Color

Coverall is bright red. Storage case is orange.

Weight and Dimensions

The weight and dimensions listed are that of the immersion coverall rolled and packed in the storage case provided.

Dry Weight	7.9 lbs	3.6 kg
Storage Dimensions (length x diameter)	18" x 9"	46 x 23 cm

Testing

All suits are tested to ensure the highest level of reliability and performance. Mustang Survival offers superior quality under rigid ISO-9001 standards.

Mustang Survival is an ISO 9001 Certified Company.

Mustang Survival has a policy of continuous improvement and reserves the right to modify products or features at any time.

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