



IMMERSION COVERALL, CONSTANT WEAR MUSTANG MODEL MSF750 NSN 8475 - 21 - 907 - 9901

The *Mustang MSF750 Immersion Drysuit* is a constant wear, hypothermia protective garment (when worn in conjunction with a thermal under-garment) intended for use by aircrew engaged in overwater operations. The moisture vapor permeability characteristics of the suit reduce discomfort and heat stress, providing greater operational efficiency for the wearer.

The MSF750 is a one piece design fitted with high stretch, soft latex seals at the neck and wrists. Seals are replaceable at the unit level. The standard configuration is designed to have an Anti-'G' suit worn over top. However, the generous cut of the suit allows for an Anti-'G'suit to be worn underneath the garment. This option requires the addition of a pass-through to permit connection of the 'G' suit hose without leakage.(Orders can be customized to accommodate various connectors and seals for anti-'G' garments, partial pressure breathing and active cooling systems.)

Self-donning is facilitated by a unique yoke style waterproof entry zipper. The design minimizes pressure point discomfort and maximizes compatibility with other operational equipment. It also allows for partial doffing of the collar section when the flyers are in 'stand-by' mode.

A urinary relief waterproof zipper is provided. A full set of pocketry eliminates the need for a conventional flight suit to be worn over the MSF750, thereby further reducing encumbrance to the wearer.

Waterproof moisture vapor permeable stretch socks are provided with the suit. These socks are normally fitted by technicians at the unit level to ensure correct sizing. If required, Mustang will provide suits with socks attached.



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Fabric

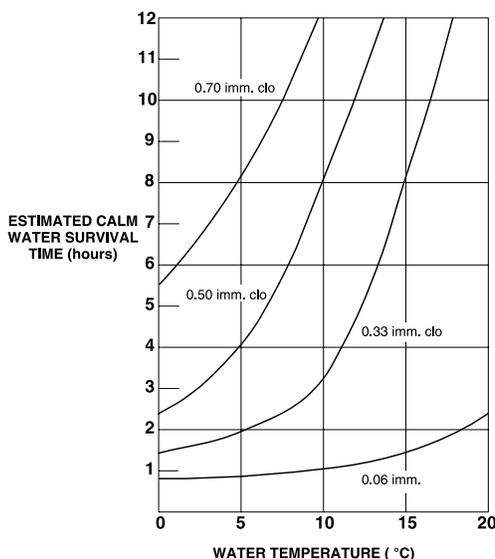
The fabric is a tri-laminate comprising of fire resistant aramid cloths and a waterproof, but moisture vapor permeable polytetrafluoroethylene (PTFE) membrane, conforming to Mil. Spec. MIL-C-85637.

Thermal Comfort

In a 20° C, 50% relative humidity environment, the suit will permit transmission of approximately 175 gms of moisture vapor per hour. This equates to a heat dissipation of approximately 150 watts per hour during periods of high activity.

Hypothermia Protection

Thermal insulation of 0.847 immersed clo is achieved when tested on the thermally instrumented manikin as a complete suit worn over a full coverage thermal undergarment. The MSF750, in common with other suits of its type, itself does not provide the insulation. Flyers must wear the appropriate thermal undergarments or the protection afforded will be substantially reduced.



Size

Eleven sizes are available.

SIZE	HEIGHT		CHEST SIZE	
	cm	inches	cm	inches
1	165-173	65-68	84-91	33-36
2	165-173	65-68	91-99	36-39
3	165-173	65-68	99-107	39-42
4	173-180	68-71	84-91	33-36
5	173-180	68-71	91-99	36-39
6	173-180	68-71	99-107	39-42
7	180-188	71-74	91-99	36-39
8	180-188	71-74	99-107	39-42
9	180-188	71-74	107-114	42-45
9XT	196	77	107-114	42-45
10	196	77	114-122	42-45

Weight

Lightweight, approximately 1.8 kg (4 lbs.).

Color

Sage Green

Socks

All sizes available - to be specified when ordering.

Testing

All suits are tested and proven 100% watertight.

CAGE/NSCM/FSC 37463

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

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