



SAFE PRO USA

Safety with Confidence



EXPLOSIVE ORDNANCE DISPOSAL SUIT

EXPLOSIVE ORDNANCE DISPOSAL SUIT

Model: SP-EOD-10A

FRONT



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EXPLOSIVE ORDNANCE DISPOSAL SUIT

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EOD JACKET



EOD Trousers



COMPLETE EOD HELMET

EOD Helmet with Visor, Integral Communications System

Forced Air Ventilation Fan hose

Visor Latch (rubber T-latch)



Radio and push to talk cable

Visor Latch (metal hook)

EOD Helmet Inner View

Adjustable Chinstrap
with Chin Cup

Nomex Liner



Bone Conductor
Wireless Communication System



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SAFE-PRO U.S.A.

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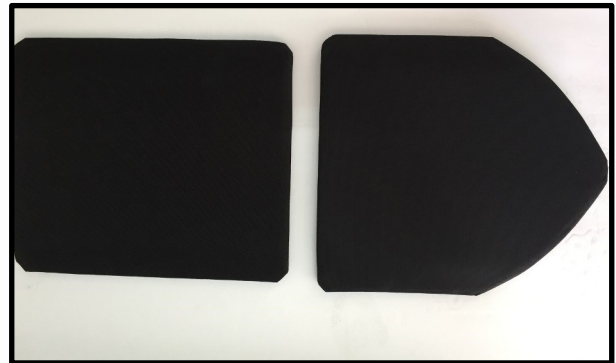
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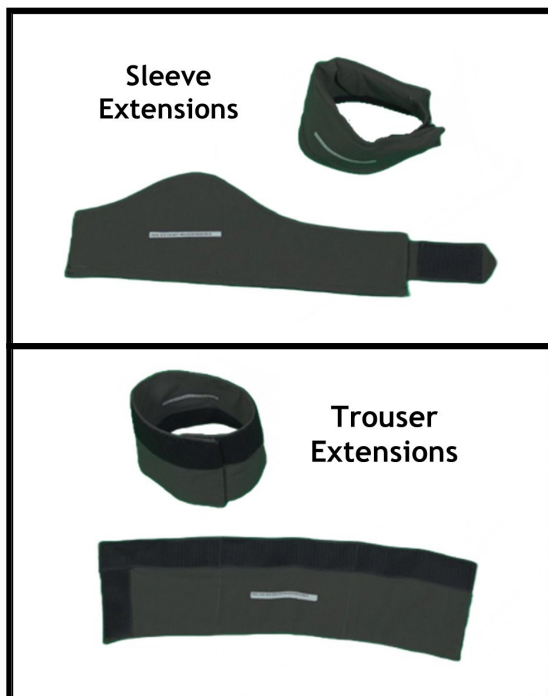
EOD Suit Components



Protective Mitts and Gloves



Chest (left) and Groin (right) Plates



**Trouser and Sleeve
Extensions**



Radio and Accessories



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FULL BODY COOLING SUIT



Model SP-CSF1-08

Coverage: Head, Upper and Lower Torso.

Material of Construction: Comfort Flame retardant, breathable, stretchable knit cotton fabric.

Cooling System: The head (Balaclava), jacket and pants are cooled by recirculating water through conductive tubing sewn into the body of the fabric Head, Jacket and the Pants.

Sizes: Small/Medium, Large/X-Large

Cooling Water Recirculation System: The system for cooling water recirculation consists of a water bottle containing ice cold water which is driven by an integral water pump located inside the cooling water bottle.

Battery Power: The cooling water pump is powered by a 12V 10mAh Lithium-Ion battery which is stored within an external pocket strapped to the user's thigh.

Cooling Water Flow Rate: The cold water circulation rate is 3 liters per minute.

Cooling Water Storage Bottles: Two bottles of 1-gallon capacity each are supplied with each suit.



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Inclusions in the EOD Suit Ensemble Package

- EOD Suit—Jacket and Trousers in a Carry bag inside a Pelican case
- EOD Helmet and Visor in a Carry Bag inside a Pelican case
- Chest and Groin Plate
- Back/Spine Protector (Integral)
- Integral Groin Protector
- Overshoes protection
- Static dissipation bands on each foot
- Hand Mitts
- Quick doffing Pull Strap x 2
- Bone conduction ear phones and microphone for radio communication system for EOD Technician and headset earphones and microphone communication system for the Control/Command Center
- One Pair of Motorola Radios
- Remote control mounted on right wrist for controlling Helmet ventilation Fan and cooling suit pump
- Cooling Suit consisting of head, jacket and pants with cooling water pipes, water bottle and pump for cooling water circulation
- Battery pack, Lithium Ion 10 mAh x 4
- Provision for optional augmented protection on thighs and shins if required
- Optional air blower fan for cooling the jacket

Total Weight of Suit: Approximately 55 lbs.

Fragmentation and Blast Protection

The V50 velocities after testing with 17 grain FSP, as per MIL-STD-662F and STANAG 2920, for fragmentation resistance are provided below:

- Suit Front Chest and Groin Areas: 1500 m/s minimum
- Helmet (Front and Back): 700 m/s minimum
- Visor: 700 m/s minimum
- Leg: Thigh, Knee, Shin: 600 m/s minimum
- Arm/Sleeve: 600 m/s minimum
- Back of Suit: 600 m/s minimum
- Total Weight of Suit: Approximately 55 lbs.

****The suit is customizable and can be upgraded to the end user's torso, jacket, and pants measurement****

*****The suit can also be upgraded to meet the fragmentation V50 velocities in different areas of the suit, as per the specific requirement of the end user*****



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