

# PERSONAL PROTECTIVE EQUIPMENT EOD<sup>®</sup> 9 SUIT & HELMET ENSEMBLE

## The Next Generation of EOD/IEDD Protection and Capabilities

The Med-Eng<sup>®</sup> EOD<sup>®</sup> 9 Suit and the EOD<sup>®</sup> 9A Helmet ensemble has set the standard in the EOD/IEDD community for protection, capabilities and flexibility. This ensemble offers superior protection from the four main blast threats: overpressure, fragmentation, impact and heat. It can also be rapidly configured by the user in the field to respond to IEDD situations where a chemical or biological agent is suspected.

The EOD<sup>®</sup> 9A [patent pending] is the industry's first EMC Class A Helmet for EOD/ IEDD operations to effectively meet the growing RCIED threat. It successfully controls its own electromagnetic emissions, and filters and shields its systems to prevent unwanted incoming signals from reaching its electronics. This retains a full range of capabilities for the user while minimizing risk.



**MED-ENG<sup>®</sup>**

## Superior Protective Performance

The EOD® 9 ensemble offers industry leading balanced protection against the four main blast threats, and chemical or biological [CB] blast protection. Extensive blast testing at Defence Research & Development Canada [DRDC] Suffield has quantified its performance against realistic blasts.

An additional 14 types of testing have also been conducted.

## Versatility

The EOD® 9 platform uses interchangeable EOD and Breathing Apparatus [BA] Visors to enable either the EOD® 9 or EOD® 9A Helmet to be used in both conventional, missions and when CB agents are suspected.

## Flexibility & Mobility

The EOD® 9 Suit's soft and rigid ballistic materials have been carefully balanced for weight distribution to greatly increase freedom of movement. The technician can work with their arms raised overhead, climb, kneel and operate in confined spaces with confidence and ease.

## Visibility

The jacket collar integrates with both Visors for excellent vertical and lateral viewing so technicians can more easily see their feet and surroundings. The Helmet's Searchlights illuminate low light conditions as needed.



## SUMMARY

Users	EOD and IEDD Technicians
Function	Balanced protection from Overpressure, Fragmentation, Impact and Heat
Advantage	Dual platform capabilities for conventional and Chem-Bio operations; highly protective yet flexible; integrates with EOD® 9 and EOD® 9A Helmets
Sizing	Small, Medium-Small, Medium, Large
Colours	Olive, Tan and Navy



The Helmet's Searchlights illuminate low light conditions as needed

## Testing Against CB Agents

The EOD® 9 ensemble, using the BA Visor and required CB protective equipment has been subjected to MIST-Vapour [Man-In-Simulant-Testing], Bio-Aerosol simulant tests, and to the detonation of an explosive device containing a chemical simulant, to confirm its protection against a chemical simulant.

Med-Eng is committed to continuous product improvement and, thus, reserves the right, in its sole discretion, to make changes to products without prior notice. Accordingly, products, including specifications and appearance, are subject to change without notice and may differ from the illustrative depictions.

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