MED-ENG®

A BRAND OF THE SAFARILAND GROUP

PERSONAL PROTECTIVE SOLUTIONS

EOD® 9N SUIT & HELMET

Med-Eng is proud to introduce the EOD® 9N Bomb Suit & Helmet, designed and tested to meet or exceed the US National Institute of Justice NIJ 0117.01 standard requirements for Public Safety Bomb Suits. This ensemble is based on the highly successful EOD® 9 Suit and EOD® 9A Helmet and it is fully compatible with all optional accessories.

The EOD 9N is certified, meaning it has passed all the requirements associated with the NIJ standard through tests conducted at NIJ approved third party test laboratories. These tests and criteria include:

- Protection – with special emphasis on pipe bombs
- Mobility
- Donning & Doffing
- Facility Audit

EOD 9N SUIT & HELMET

To be Certified, a bomb suit and helmet must meet numerous criteria, as shown below. The EOD 9N meets or exceeds all these criteria.

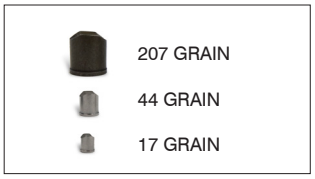
BLAST

Bomb Suit Integrity

WEIGHT & MOBILITY

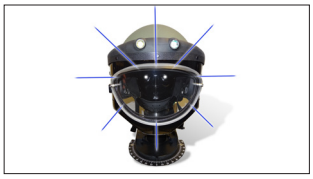
Ergonomic Movement
Weight / Suit Sizes

FRAGMENTATION



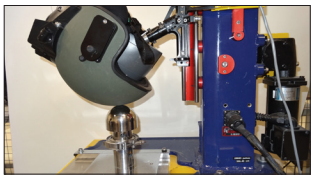
17, 44 and 207 Grain Simulated Fragments

FIELD OF VIEW



Static Field of View
Dynamic Field of View
Fogging Assessment
Visor Optics

IMPACT



Helmet Impacts
Helmet Perforation
Back Protection

DONNING & DOFFING

Donning Time
Doffing Time
Incapacitated Doffing

FLAME & HEAT

Afterflame
Afterglow
Flame melt drip

MANUFACTURING

Initial Certification
Surveillance Audit / Testing
Manufacturing Facility Audit

In addition, the EOD 9N also meets criteria for:

- Electrostatic Discharge (ESD)
- Drag Rescue Device
- Label Durability (Wear and Chemical Resistance)

EOD 9N vs EOD 9 & 9A

The EOD 9N offers all the baseline capabilities of the EOD 9 Suit and 9A Helmet ensemble including EMC compatibility for harsh RF environments. The EOD 9N offers the same or higher levels of protection. Both ensembles can accommodate the Med-Eng optional BA Visor, video camcorder and speech recognition systems. Their visual appearance is very similar with only minor differences.

CERTIFICATION REQUIREMENTS

It is very important to note that in order to be 'Certified', a suit and helmet must both meet all the criteria in the standard. The testing must be conducted by an NIJ approved laboratory and by NIJ approved supervisors. Self-certification and retroactive certification are not possible. All components, including the Jacket, Trousers, Groin Protector, Back Protector and Helmet must pass all of the testing and must be worn together. Any claims of a suit being 'compliant' but not 'Certified' should be questioned to protect the safety of the end user.

STANDARD DEVELOPMENT

The NIJ 0117.01 Standard, published by the National Institute of Justice, was collaboratively developed between the NIJ and other leading organizations, including:

- US National Bomb Squad Commanders
- US Public Safety Bomb Technicians
- US Army Natick Soldier Center
- FBI Hazardous Devices School
- Bureau of Alcohol, Tobacco, Firearms & Explosives

For complete EOD 9N Product Specifications and to learn more about the NIJ 0117.01 Standard, please contact your authorized Med-Eng representative.

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