



Guartel
Technologies Ltd

LIGHTWEIGHT EOD SEARCH SUIT



The light weight EOD suit is a high performance, very flexible, cost effective suit that can be configured to a variety of user requirements.

The outer layer of the garment is made from a meta Aramid that protects from fire, flash and has inherent anti static abilities due to the incorporation of a carbon fibre component in the fibre. The outer layer can be removed from the ballistic layer for easy cleaning.

A forced air ventilation system can be added to this suit which forces ambient air through the spine protection unit.

The trousers consist of two essential components, an outer shell covering an inner fragmentation protection garment.

The outer shell provides the wearer with the first line of defence against the tearing effects of dynamic blast, flash and flame. It's fabric qualities have water repellent and antistatic properties and as it contains no ballistic fillers it may be washed and dried easily. This outer cover protects the inner garment from soiling and physical damage in use.



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Ballistic Protection

Suit V50	>	600 m/s chest
Suit V50	>	450 m/s front
tested to STANAG2920		

Corrected velocity

Helmet V50	>	575 m/s
Visor V50	>	600 m/s
Blast tested 1Kg at 1.5m		

Size Schedule, cm

Body Measurements	Small	Medium	Large
Chest			
Measure underarm at fullest chest	< 104	< 104 - 114	> 114
Waist			
Measure at fullest waist	< 92	92 - 102	> 102
Inside leg			
Length is intentionally long to provide user with added ankle protection	73	78	83

Weights, Kg

Item	Small	Medium	Large
Jacket		6.5	
Legs		5.0	

Colour Range

The suit is available with outer covers in a variety of colours. All of which come with standard Black trims.

Paris blue, sage green, tan colour

Other colours are available on request.

Optional Accessories

- AC600 Helmet and Visor
- Forced air ventilation system and incorporated spine protection unit
- Phase change cooling vest
- Communication systems can be used with the suit, both wired and radio.



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