

BOMB SUIT ABL 7000



The **ABL 7000 Bomb Suit** is a complete EOD protective garment comprising:

- Helmet with comfort liner, visor, light and adjustable demister, battery pack and integrated communications microphone and ear pieces
- Jacket with sleeves, collar and hand protective mittens
- Trousers with over boots
- Three part blast plates

This tenth generation suit includes many new and innovative features to improve the comfort and wearer manoeuvrability. The ABL 7000 Bomb suit has been designed to provide excellent protection against fragmentation, blast overpressure, blunt trauma and heat/flame ingress.



The outer fabric of the suit is constructed from NOMEX certified flame retardant material which is available in a selection of standard colours. Other colours and materials are available on demand. Reinforced CORDURA patches are fitted to the knees, the blast plate pouch and the elbows to extend wear life.

Fragmentation protection is achieved through the construction of multiple plies of water repellant treated aramid fibres contained within a nylon armour pack. Blast overpressure reduction is achieved through a special composite structure. An integral back protector is fitted into the back of the jacket. This is constructed from D3O shear thickening material.

The ABL 7000 Bomb Suit offers two helmet solutions : the Contender, closed face helmet and the Sentinel Open Faced helmet. They are constructed from 100% para aramid fibres providing excellent weight to performance characteristics. Standard helmet is the Contender.



The Contender helmet comprises: helmet shell with comfort liner two point harness with adjustable chin cup, removable visor, low noise helmet mounted fan assembly with speed adjuster and battery charge indicator. Helmet mounted LED torch. Provision for communication microphone and hearing ear pieces



The Sentinel helmet comprises: helmet shell with comfort liner four point harness with adjustable chin cup, visor has three locking positions down, up and half way between, low noise helmet mounted fan assembly with speed adjuster and battery charge indicator. Helmet mounted LED torch. Provision for communication microphone and hearing ear pieces. The Sentinel helmet is CBRN compatible.

FRAGMENTATION PROTECTION

Description	V50 (STANAG 2920 17gr FSP)
Jacket Front	600 m/sec
Jacket Rear	560 m/sec
Sleeves	560 m/sec
Hand mittens	450 m/sec
Collar (Soft armour)	600 m/sec
Collar (Blast Plate)	V0 1944 m/sec
Chest (Blast Plate)	V0 1944 m/sec
Groin (Soft armour)	600 m/sec
Groin (Blast Plate)	V0 1944 m/sec
Trouser Front Thigh	690 m/sec
Trouser Front Chin	620 m/sec
Trousers Rear	250 m/sec
Overboots	450 m/sec
Knee	850 m/sec
Helmet	700 m/sec
Visor	750 m/sec

WEIGHT (kg)

Helmet complete with visor and demister	4.7
Jacket with sleeves and hand mittens	10.5
Trouser with overboots	7.7
Three part blast plates	6.0
3 x carrying bags	3.0
TOTAL WEIGHT	31.9