

WG 5A EOD Bomb Disposal Suit

EOD Bomb Disposal Suits

Product Code: 4010-03



WESTMINSTER
GROUP PLC

Key Features



Maximum Comfort & Flexibility



Meets Standard NATO Agreement 2920



Waterproof-Treated Kevlar HT Ballistic Inserts



Optional Cooling Suit & Pump



Range of Sizes Available



Optional Integral Radio Earpiece & Microphone



Overview

The WG 5A Bomb Disposal Suit is a state-of-the-art up-armoured version of the WG 5 Bomb Disposal Suit which has been in use for many years in many countries worldwide. It provides the highest level of protection of any bomb suit currently manufactured, whilst at the same time offering maximum comfort and flexibility to the operator.

The ballistic levels and materials used in the various components of the Bomb Disposal Suit are tested and evaluated to the full quality assurance standard laid down by the appropriate Government organisations.

All the ballistic inserts used in the WG 5A EOD Bomb Disposal Suit are made of waterproof treated Kevlar HT enclosed in a special water-resistant and anti-ultraviolet membrane. The outer cover is supplied in flame retarding, anti-cut, Nomex III. In hot and humid countries, the suit can also be supplied in conjunction with the Cooling Suit.

Features

Air Cooling Blower & Charger

Carrying Bag

Helmet with Visor

Jacket with Attached Collar

Chest, Neck & Groin Protector Plates

Trousers & Flexible Knee System

Protective Boot System

Product Specification

Air Blower	200 litres per minute minimum, 3 speed, can accommodate an NBC canister. Approx. 15 kg without blast plates 1400 m/s, groin, chest and neck
Armoured Blast Plates	Compatible with most communications systems – radio or hard-wired
Helmet Communicator	688 m/s anti-ballistic hardened acrylic/polycarbonate laminate with 788 m/s option available
Helmet Visor	4.7 kg, 600 m/s
Helmet	Du-Pont Kevlar 129HT multi-layer
Insert	STANAG NATO 2920
Level	Nomex III
Outer Cover	12 V DC auxiliary output socket to power optional accessories such as helmet-mounted video camera or torch, mains AC and
Power Pack	12 V DC provides 90% recharge within 15 minutes
Suit	600 m/s (without armoured blast plates)
Weight of Suit	Approximately 26 kg with steel blast plate

Materials

Armoured Helmet	Compatible with any communication system, Air blower, Alkaline battery.
Moulded	GRP skin with elastomeric aramid core and inner lining.
Visor	Anti-ballistic hard acrylic/polycarbonate laminate.
Suspension Harness	Webbing and ballistic nylon.
Jacket & Trousers	Ballistic inserts: multi-layer water repellent Kevlar 129 HT stitched for an enhanced protection level.
Groin Protector	360° ballistic and flame protection.
Colour	Navy blue or military green.
Blast Plates	Composite armoured plates with closed cell, linear foam.

Suit Components

Armoured Helmet	The EOD helmet is made of a GRP skin with an elastomeric aramid core and is fully adjustable to various sizes for perfect fit by means of the three point suspension and the removable spacer pads that Velcro to the inside. The facility for a communication set consisting of a headphone and microphone, plus extension lead for attachment to any VHF radio transceiver, is incorporated as standard. An alternative communications system comprising of a headset, microphone, 100 meters of cable and speaker/amplifier, for communication between the operator and his controller, can also be supplied. Also incorporated in the helmet is an air ventilation system which directs the flow of forced fresh air over the top of the helmet liner, across the visor and down over the operator's face ensuring efficient demisting and clear view. The addition of an anti-blast neck-guard to the bottom front of the helmet closes any possible frontal gap between helmet and collar.
Jacket	The jacket is a long-sleeved, side-opening design filled with flexible Kevlar armour. Provision is made on the front for the attachment of rigid chest and groin blast plates by means of integral pockets with webbing and Velcro securing straps. Pouches for working tools, blower and radio are attached to the front and back of the outer cover. The high collar provides overlap protection to the helmet, visor and neck-guard. Immediate removal of the jacket is achieved by use of the quick release straps attached to the side and shoulder.
Trousers	The trousers have fully adjustable supporting braces and wide Velcro waistband catering for small, medium and large sizes. Affixed to the front of the trousers is a flexible groin protector retained in position by Velcro and elastic. At the rear of the trousers an 'easy pull' heavy duty zip is used to fix the articulated flexible armour into position and is incorporated into a quick release Velcro system. The WG 5A Bomb Suit incorporates a new foot protection system, providing additional protection to the front, side and base of the foot.