GTB REUSABLE GAS TIGHT SUIT

VITON®/BUTYL/VITON®

RESPIREX™

Water Companies | Shipping | Nuclear | Health Authorities | Petrochemical | Fire Brigades | Civil Resilience | Pharmaceutical

The fully encapsulating GTB is a Type 1A - ET reusable gas tight suit covering both the wearer and breathing apparatus. Manufactured in Viton®/Butyl/Viton® (VBV), a premium coated fabric in high visibility orange DuPont™ Viton® that provides excellent chemical protection and is the hardest wearing fabric option in the GTB suit range.

- Heavy duty 122cm (48") long gas tight zip, fitted to the right hand side of the suit - double flaps with a Velcro closure are fitted to cover the teeth of the zip
- Fixed or detachable Kemblok™ FPA safety boots - Exclusive to Respirex, these boots are highly chemically resistant and are CE marked to EN ISO 20345:2004 and EN345-2:1996 or Integral socks with outer splash guards as an option
- Dual glove system consisting of a chemically protective laminated inner glove bonded to an outer neoprene glove for mechanical protection
- Gloves fitted using the Respirex Locking cuff or new SureLoc cuff mechanism, allowing the user to easily change the gloves when necessary
- Seams are stitched and double taped
- Rigid double layer visor permitting clear undistorted vision
- Adjustable internal support belt enables wearers of varying sizes to use the suit comfortably
- Exhalation valves ensure that the pressure change within the suit does not exceed 400 pascals in one minute
- Optional pass-through fitted to enable supplementary air to be passed (via an airline) to the second-man attachment on the user's breathing apparatus
- Leak-tightness test to EN464 prior to dispatch
- Annual pressure test required

Specifications

Sizes	S, M, L, XL, XXL (see over)
Boots	3-15 (UK), 35-50 (EU), 4-16 (US)
Packed Dimensions	600 x 410 x 410 mm (case)

Options and Accessories

- Ventilation for arms & legs (GTVB model ref)
- Air Pass-through
- Attachments for lifeline, torch, anchor point, Diktron and Firefly DSU's
- Outer disposable visor
- Hazbag decontamination bag
- Cleaning solution
- Training suit

Protection

TYPE 1A
EN943-2:2002(ET)
Material tested for the 15 chemicals listed in EN943-2:2002(ET)

Material Resistance

FINABEL 0.7.C
Chemical Warfare Agents

EN14126:2003
Protective clothing against infective agents

Detachable Boot

Locking Cuff

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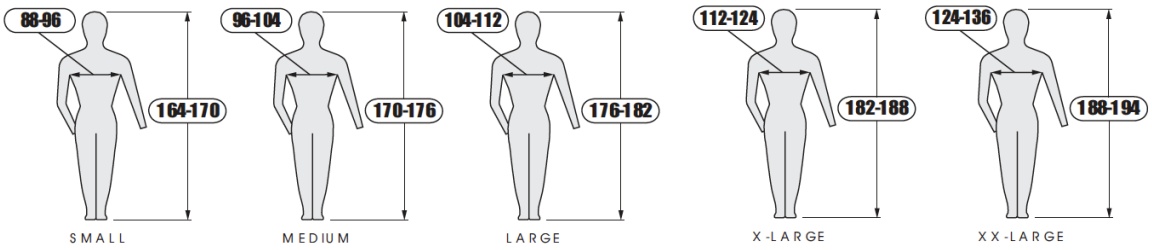
Sizing



Material Physical Properties

VBV is a a polyester fabric coated one side with orange fireproof DuPont™ Viton® with a black fireproof butyl undercoat and one side with black fireproof Viton® with a black fireproof butyl undercoat.

Tested In Accordance With	Performance Requirement	Level Of Performance	Class
EN 530:1994 Meth 2 (inc. pressure drop)	Abrasion Resistance	>2,000 Cycles	6
Method B of EN ISO 7854:1995 (inc. pressure drop)	Flex Cracking Resistance	>100,000 Cycles	6
Method B of EN ISO 7854:1995 at -30°C (inc. pressure drop)	Flex Cracking Resistance at Low Temperatures (-30°)	>4,000 Cycles	6
EN ISO 9073-4:1989	Trapezoidal Tear Resistance	Machine direction 101.6 N Cross direction 113.3 N	5
EN 863:1995	Puncture Resistance	135.5 N	4
EN ISO 13934-1:1999	Tensile Strength	Machine direction 1928.7 N Cross direction 1558.7 N	6
EN 374-3:2003	Permeation Resistance when tested against dichloromethane (CAS number 75-09-02)*	Mean breakthrough time >120 minutes	4
ISO 5082:1982 Annex A2†	Seam Strength	>300 N	5
Method 3 of EN 13274-4:2001	Resistance to Ignition	The sample did not continue to burn on removal from the flame	Pass
Method 3 of EN 13274-4:2001 (modified)	Resistance to Flame (inc. pressure drop)	5 second stop in flame caused no damage	3

Material Permeation Performance

For permeation data please refer to the separate Respirex Materials Permeation Guide.

Specifications, configurations and colors are subject to change without notice.

DuPont™ and Viton® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company.

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