



Vautex Elite ET

Chemical Protective Suit for Emergency Teams

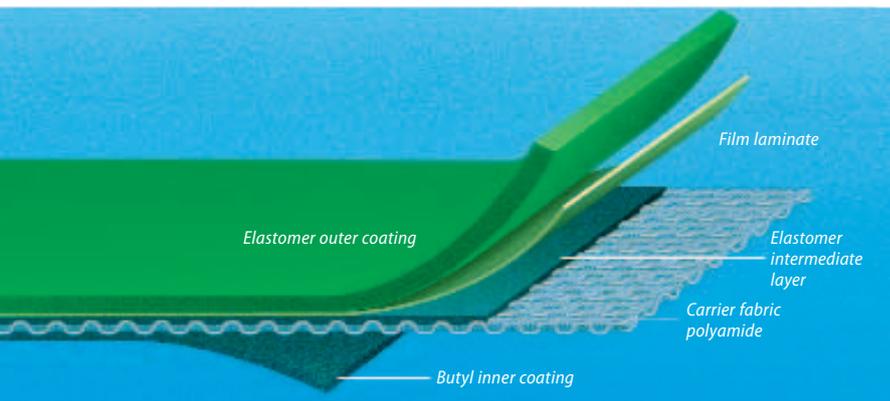
The Vautex Elite ET is a one piece chemical protective suit offering reliable protection against gases, vapours, solid and liquid chemicals, infective agents, as well as radio-active contamination.

Vautex Elite ET features a large lens which is firmly integrated into the suit, reducing the overall weight. The gas-tight attachable and replaceable boots and gloves provide high safety and flexibility.

Chemical protective suits with the special Vautex Elite material have proven themselves in recent years as the optimal solution for repeated use, even in harshest environments.

Whether in fire fighting, civil defence or general industry Vautex Elite suits, together with the appropriate respiratory protection, keep the wearer safe.





The suit material is composed of: outside elastomer surface, multilayer film laminate, elastomer intermediate layer, polyamide carrier fabric and inside butyl coating.

Prime Features

- Material combination of elastomer coated fabric and a multilayer film laminate
- High chemical resistance
- Good mechanical stability
- Increased resistance against flame impingement
- Large integrated lens reduces the weight of the head section
- Push buttons on the cover of the zipper allow for easy and effective decontamination
- Integrated transponder provides state-of-art electronic identification of the equipment
- Removable back padding
- Compressed air breathing apparatus is worn inside the suit
- Replaceable gloves and safety boots
- Optional suspender for higher wearing comfort
- Convenient integrated radio pocket as an option
- Economical trainer version available

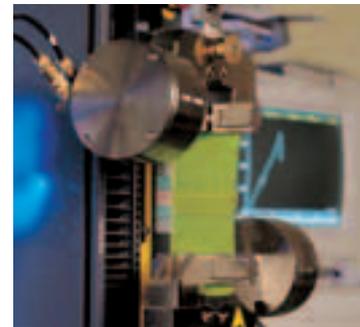
Approvals

- PPE Directive 89/686 EEC (category 3)
- EN 943 (Protection against liquid and gaseous chemicals, including liquid aerosols and solid particles)
 - Part 1: Performance requirements for non-ventilated gas tight suits (type 1)
 - Part 2: Performance requirements for gastight chemical protective suits for emergency teams (type 1a ET)
- VFDB Directive 0801 (Selection of chemical protective suit for deployment tasks in the fire service)
- EN 14126 (Protection against infective agents)
- EN 1073 (Protection against radioactive contamination)
- EN 533 (Protection against heat and flame)

In laboratory tests the permeation times of chemicals are determined. The Vautex Elite material resists even toluene, 96% sulfuric acid, chlorine or ammonia for over 8 hours and in almost every case reaches the highest standard class.



The EN 943 Part 1 and 2 requires a multitude of mechanical tests. The seam is subjected to a tear test, and there also are tests for puncture resistance, abrasion and flex cracking resistance.



The resistance against heat and brief flame contact (5 sec.) is exceptional. The flame to which the material is subjected has a temperature of above 800°C. The Vautex Elite material holds up and the flames self extinguish immediately after the test flame is removed.



Ordering Information

The order code for the protective suit consists of **Vautex Elite ET** and a **8 digit** code from A–H.

| | A | B | C | D | E | F | G | H |
|-----------------|-----------------------------|---------------|-----------------------------|-------------------------|--|-------------------|---|--------------------------|
| Code | Protective suit size | Lens | Boot size GB/US (EU) | Inner glove size | Radio pocket (Width x depth x height in mm) | Suspenders | Customized marking* (size in mm) | External Air Feed |
| 0 | – | – | none | none | none | none | none | none |
| 1 | M | Standard PVC | 9 (EU 43/44) | 9 | 70 x 35 x 95 | equipped | 100 | Dual Airline |
| 2 | L | | 10 (EU 45) | 10 | 80 x 50 x 190 | | 150 | |
| 3 | XL | | 11 1/2 (EU 46/47) | 11 | 90 x 65 x 220 | | 200 | Dual LVS 600-D |
| 4 | | | | | 90 x 40 x 300 | | 300 | |
| Example | | | | | | | | |
| Vautex Elite ET | 2 | 1 | 2 | 2 | 0 | 1 | 0 | 0 |
| Explanation | Protective suit size L | Standard lens | Boot size 10 (EU 45) | Inner glove size 10 | Without radio pocket | With suspenders | Without marking | none |

*A customized marking (letters and/or digits) of the protective suit can be attached to the suit. A specific area is provided for this. A special trainer version is available for training purposes. It is prepared for mechanical stress but not for chemical resistance. Please get in touch with your local MSA representative to get further details.

Spare Parts

Outlet valves

| | |
|----------|-------------------------------------|
| D5135924 | Outlet valve for all CPS |
| D3022076 | O ring for outlet valve 40 x 30 x 1 |

Gloves

| | |
|----------|---------------------------------------|
| D3022721 | Replacement gloves, inner size 11 |
| 10068293 | Replacement gloves, inner size 10 |
| 10068292 | Replacement gloves, inner size 9 |
| 10092113 | Replacement gloves outer |
| D3022719 | Textile gloves (package with 5 pairs) |
| D0008866 | Tube sleeve, glove (unit) |

Safety boots

| | |
|----------|--|
| D3022705 | Replacement boots, size 11 1/2 (46/47) |
| 10053172 | Replacement boots, size 10 (45) |
| 10053171 | Replacement boots, size 9 (43/44) |
| D3020063 | Cover sleeve for boots (pair) |

Accessories

| | |
|------------|---|
| D3022050 | Grease pencil for zipper |
| D3022180 | Syntheso W zipper lubricant spray |
| D2055765 | Disinfectant AUER 90 (2 l) |
| D2055766 | Disinfectant AUER 90 (6 l) |
| 10032164 | Anti-misting agent klar-pilot spray |
| D3022908 | Hanger for chemical protective suit |
| D0120831 | Transport case for chemical protective suit |
| D3022213 | Storage bag PE 2300 x 750 mm (L x W) with slide |
| D2055038 | Assembly spanner outlet valves |
| D3022800 | Leak tester for chemical protective suits |
| D5135047 | Valve cover |
| D6063705 | Mask leak tester |
| D5065989 | Valve test adapter |
| D3022717 | Compensation container |
| D5175743 | Multitest Plus test case |
| D5175744 | Multitest Plus test console |
| D5175519 | CPS test line for Multitest |
| D5175520 | CPS valve test mechanism for Multitest |
| On request | Computer-supported testers |
| On request | Transponder reader |
| On request | Equipment management software |

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