



## Vautex Elite S

[ Chemical Protection Suit of the Highest Protection Class ]



# From Head to Toe the Vautex Elite S Provide

[ whether solid, liquid or gaseous ]



# s Protection Against Aggressive Chemicals

Highest protection against chemicals; high mechanical resistance; increased resistance against flame contact and a replaceable lens [S] – that is Vautex Elite S.

Based on decades of experience, Vautex Elite S is the result of continual improvement in the development and production of chemical protective clothing.

Meeting the requirements of European standards and providing higher protection than conventional materials. Tested according to prEN 943 Part 1 and 2 and certified according to PPE Directive 89/686/EEC Category 3, Type 1a ET.

With the Vautex Elite S the face mask and the compressed air breathing apparatus are worn inside the suit.

The design and shape result in higher efficiency through increased wearing comfort.

The Vautex Elite S GALLET permits more freedom of movement in the head area with the MSA GALLET protective helmet. The large replaceable lens ensures optimal vision in even the most difficult operations.

The advantages are obvious. Fire services and organizations that must deal with the removal of hazardous materials or with unforeseeable hazards will, for that reason, use the Vautex Elite S. Even rigorous decontamination processes have no negative effect.

Combining the elastomer coated fabric with an additional film laminate results in the sum of the protective properties of all material components. The design and workmanship of the seams is in accordance with the high protection goal. Seams are covered inside and outside.

An integrated transponder allows state of the art identification and administration of the equipment.



*EN 943-2 has enlarged the number of test chemicals from the VFDB guideline. The permeation of these chemicals is tested in extensive laboratory tests.*



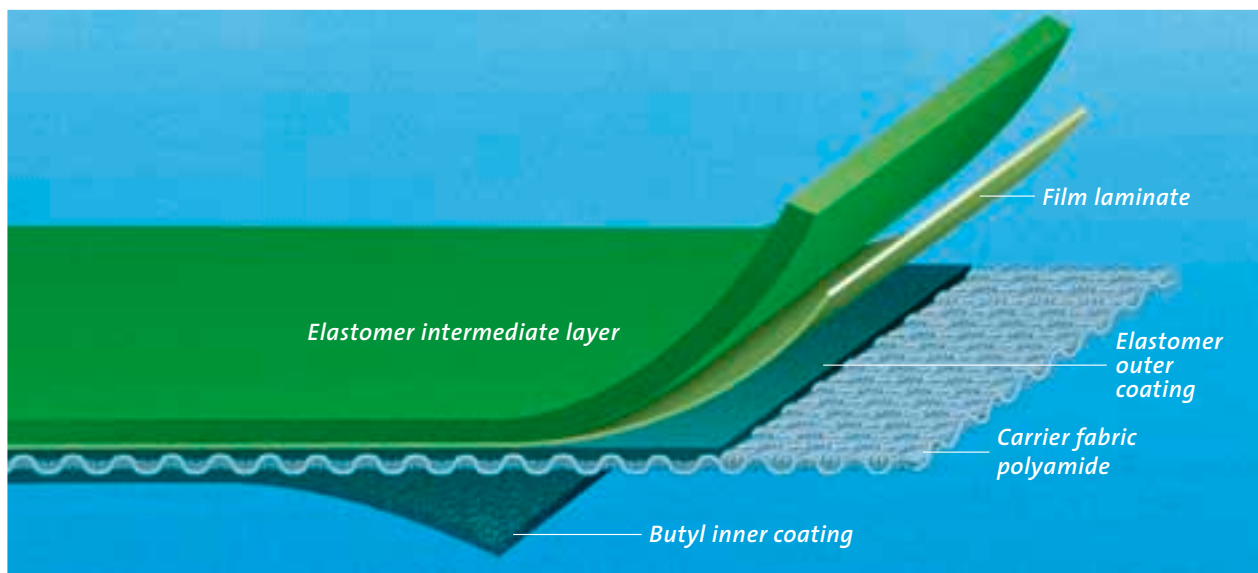
*In laboratory tests the permeation times of chemicals are determined. The Vautex Elite resists even toluene, 96% sulfuric acid, chlorine or ammonia for over 8 hours and in almost every case reaches the highest standard class.*



*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.*



## Resistance of the Vautex Elite Material Against Permeation of Chemicals

Test chemical	Tested permeation time according to EN 374-3 in min.	Class
Dichloromethane	96	3
Methanol	> 480	6
Hexane	> 480	6
Toluene	> 480	6
Diethylamine	> 480	6
Sodium hydroxide 40%	> 480	6
Sulfuric acid 96%	> 480	6
Acetone	284	5
Acetonitrile	> 480	6
Ethyl acetate	> 480	6
Carbon disulfide	> 480	6
Tetrahydrofuran	> 480	6
Ammonia, gaseous	> 480	6
Chlorine, gaseous	> 480	6
Hydrogen chloride, gaseous	> 480	6

## Warranty

1 year

## Order Information

D3020826	Chemical protective suit Vautex Elite S
10010938	Chemical protective suit Vautex Elite S with marking
D3020868	Chemical protective suit Vautex Elite S GALLET
10046474	Chemical protective suit Vautex Elite S GALLET with marking

*Other suits of this material are available, e.g. Vautex Elite S Expert, Vautex Elite M, Vautex Elite 3 SL*

## Accessories & Spare Parts

D3022180	Zipper lubricant spray
D3022721	Replaceable gloves, inner, spare
D3022720	Replaceable gloves, outer, spare
D3022705	Replaceable boots, spare [S5 HRO EN 345]
D3022719	Textile undergloves [5 pair/pack.]
D3022713	Chemical protective suit lens, replacement set
D2055038	Special tool for suit valves
D3022908	Special suit hanger
D2260700	Antimist agent Klarpilot gel
10032164	MSA Klarpilot spray
D2055765	Disinfectant 90, 2 l
D2055766	Disinfectant 90, 6 l
D3022800	Suit tightness tester
D3022717	Compensation container [valve test]
D6063705	Mask tightness tester [valve test]
D5065989	Valve test adapter
Order list	01-110.4 ITL AirMaXX
Order list	01-169.4 ITL BD 96
Order list	05-418.4 ITL Ultra Elite
Order list	05-411.3 ITL 3S



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.