

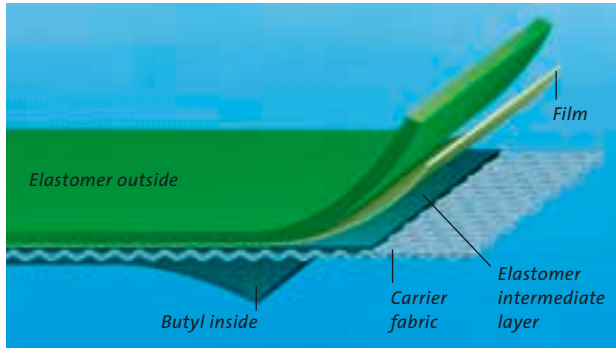


# Chemical Protective Clothing

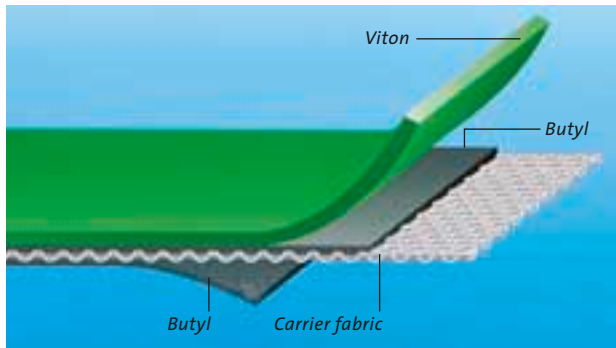
[ The Clever Choice Against Aggressive Hazards ]



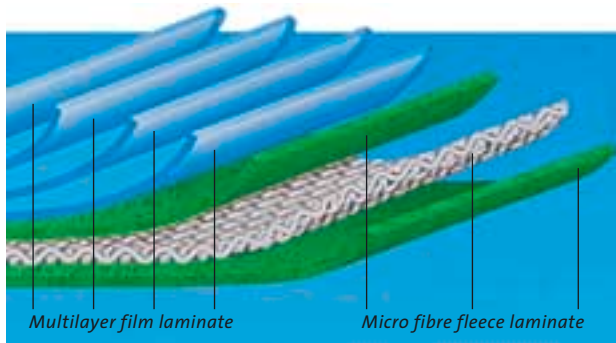
# Safety & Reliability through Experience & Know-How



*Vautex Elite*, the composite material of elastomer coated fabric with film laminate: i.e. the *Vautex Elite S* suit is tested according to prEN 943-1/2 and certified against directive 89/686/EEC, category 3, type 1a ET.



*Vautex SL* composite material of elastomer coated fabric: i.e. *Vautex SL S* suit is tested according to prEN 943-1/2 and certified against directive 89/686/EEC, category 3, type 1a ET.



The multilayer technology of the **Champions**: excellent chemical properties on the outside through several penetration-resistant films and on the inside very comfortable through the microfiber fleece laminate. The *Champion Elite Suits* are certified against directive 89/686/EEC, category 3, type 1a.

For decades our chemical protective suits have proven themselves under hardest conditions and have mastered every situation where workers had to be protected against solid, liquid and gaseous hazards.

Already in 1932, the AUER protective Suit No.201 was officially recommended because it “provides encompassing protection for persons through the uniqueness of the material and the thorough design, combined with special gloves and boots and overlapping closures and seams”

At fire brigades, various areas of industry, police, civil defense, emergency response teams, waste management, environmental protection, as well as power supply – MSA protective suits are used everywhere. The experiences gained in the field provide impulses for continuous development at MSA.

The materials used today are lighter and more flexible and improve the wearing comfort considerably. Ventilating systems increase it even further and permit longer work sessions. Various designs and different air supply options result in tailor-made solutions.

# MSA Chemical Protective Suits Against Solid, Liquid and Gase

Characteristics



Protective Suit	Vautex Elite S	Vautex Elite M	Vautex Elite 3SL
Special Features	Protection against short flame contact. Extremely robust for hardest applications. Withstands hard decontamination	See Vautex Elite S Unobstructed field of vision well proven full face mask 3S with high wearing comfort	See Vautex Elite S Unobstructed field of vision well proven full face mask 3S with high wearing comfort
Material Name	Vautex Elite	Vautex Elite	Vautex Elite
Outside Material	Elastomer coated film laminate	Elastomer coated film laminate	Elastomer coated film laminate
Inside Material	Butyl coated carrier fabric	Butyl coated carrier fabric	Butyl coated carrier fabric
Carrier	Polyamide fabric	Polyamide fabric	Polyamide fabric
Air Supply	SCBA inside suit	SCBA inside suit	SCBA outside suit or use with filters, powered respirators airline systems and compressed air line breathing apparatus
Head Section	Large replaceable lens	Integrated replaceable 3S full face mask, connector inside	Integrated replaceable 3S full face mask, connector outside
Optional Features	<ul style="list-style-type: none"> <li>■ With head section for MSA GALLET helmet</li> <li>■ With ventilating system</li> <li>■ With integrated lens [Expert]</li> <li>■ Also in Vautex SL material</li> <li>■ Also in Hatex SL material</li> </ul>	<ul style="list-style-type: none"> <li>■ With ventilating system</li> <li>■ Also in Vautex SL material</li> <li>■ Also in Hatex SL material</li> </ul>	<ul style="list-style-type: none"> <li>■ With different types of 3S positive pressure masks</li> <li>■ With ventilating system</li> <li>■ Also in Vautex SL material</li> </ul>
Size	Universal size	Universal size	Universal size
Weight	Approx. 9 kg	Approx. 9 kg	Approx. 8.5 kg
Directives/Standards	89/686/EEC prEN 943-1/2 VFDB 0801/0802	89/686/EEC prEN 943-1/2 VFDB 0801/0802	89/686/EEC prEN 943-1/2 and EN 943-1/2:2002
Type	Category 3, type 1a-ET	Category 3, type 1a-ET	Category 3, type 1b-ET

# ous Hazardous



Champion Elite	Vautex SL S	PLASTIKLOS Overall	Trainer
Light design with excellent chemical properties	Flexible material results in high wearing comfort – proven for many years under hard conditions	Splash protection against solid and liquid chemicals	robust construction for training purposes
Champion Elite	Vautex SL	Neoprene Plus	Trainer
Multilayer film laminate	Viton	Neoprene	Special Trainer Fabric
Micro fibre fleece laminate	Butyl		Neoprene
Fleece fabric	Polyamide fabric	Polyester fabric	Special Trainer Fabric
SCBA inside suit	SCBA inside suit	SCBA outside suit or use with filters, powered respirators airline systems and compressed air line breathing apparatus	SCBA inside suit
Large integrated lens	Large replaceable lens	Hood, adjustable	Large, replaceable lens
<ul style="list-style-type: none"> <li>■ With lateral zipper</li> <li>■ With rear zipper</li> </ul>	<ul style="list-style-type: none"> <li>■ With head section for MSA GALLET helmet</li> <li>■ Also in Vautex Elite material</li> <li>■ Also in Hatex SL material</li> </ul>	<ul style="list-style-type: none"> <li>■ Also as jacket/bib trousers combination</li> </ul>	<ul style="list-style-type: none"> <li>■ With head section for MSA GALLET helmet</li> <li>■ With integrated 3S mask</li> <li>■ Also in Champion Trainer Material with large integrated lens</li> </ul>
Universal size	Universal size	S, M, L, XL, XXXL	Universal size
Approx. 6.5 kg	Approx. 8.5 kg	Approx. 1.3 kg	Approx. 8.5 kg
89/686/EEC VFDB 0801/0802	89/686/EEC, prEN 943-1/2 VFDB 0801/0802	89/686/EWG EN 465	
Category 3, type 1a	Category 3, type 1a-ET	Category 3, type 4	



---

## Ordering Information

D3020826	Vautex Elite S
D3020867	Vautex Elite S Expert
D3020868	Vautex Elite S GALLET
10015300	Vautex Elite S, with Dual Air System
D3020835	Vautex Elite M
D3020851	Vautex Elite 3S L
10023262	Vautex Elite 3S L-P
D3020870	Vautex SL S
D3020830	Vautex SL M
10010944	Vautex SL 3S L
10015351	Vautex SL 3S L PF
10018578	Vautex SL 3S L PS
10049131	Vautex SL 3S L PS-MaXX
D3020880	Vautex SL S GALLET
D3020807	Trainer S
10044915	Trainer S GALLET
D3020806	Trainer 3S
D3020894	Trainer Chempion
D3020814	Hatex SL S
D3020813	Hatex SL M
D3020893	Chempion Elite R [rear zipper]
D3020895	Chempion Elite S [lateral zipper]
D8022156	PLASTIKLOS overall with hood, size S
D8022157	PLASTIKLOS overall with hood, size M
D8022158	PLASTIKLOS overall with hood, size L
D8022161	PLASTIKLOS overall with hood, size XL
D8022164	PLASTIKLOS overall with hood, size XXXL
D8022150	PLASTIKLOS jacked with hood, size S
D8022151	PLASTIKLOS jacked with hood, size M
D8022152	PLASTIKLOS jacked with hood, size L
D8022159	PLASTIKLOS jacked with hood, size XL
D8022153	PLASTIKLOS trousers with bib, size S
D8022154	PLASTIKLOS trousers with bib, size M
D8022155	PLASTIKLOS trousers with bib, size L
D8022160	PLASTIKLOS trousers with bib, size XL

---

## Accessories

see respective order catalogs	Compressed air breathing apparatus [SCBA]
Order catalog 05-418.4 ITL	Full face mask Ultra Elite
Order catalog 05-411.3 ITL	Full face mask 3S
D3022800	Suit tightness tester
D6063705	Mask tightness tester 3S for valve leak test
D3022717	Compensation container for valve leak test
D5065989	Valve test adapter
D3022180	Zipper spray lubricant
D3022908	Special suit hanger
D0120831	Carrying case
D2260700	Antimist agent Klarpilot-Gel
10032164	Antimist agent Klarpilot-Spray
D2055765	Disinfectant MSA 90, 2 l
D2055766	Disinfectant MSA 90, 6 l
D0120057	Overboots
D3022710	Special tool for replacing large lens
D2055038	Tool, Valve Exchange
D3022213	Plastic storage bag for suit
D3022728	Antimist cover lens for replaceable lens, pack. of 5
	Compressed air supply lines, antistatic
D4066847	5 m
D4066848	10 m
D4066849	20 m

---

## Legend

M	mask
P	positive pressure
PF	M 45 x 3*
PS	quick connect*
PS-MaXX	quick connect for AutoMaXX*
S	lens
	*positive pressure type



Thank you for reading this data sheet.

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



**UK Office**

**Keison Products,**

**P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.**

**Tel: +44 (0)1245 600560**

**Fax: +44 (0)1245 600030**

**Email: [sales@keison.co.uk](mailto:sales@keison.co.uk)**

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