



SAFETY AND QUALITY STANDARDS

TRELLCHEM LIGHT CV

Provides protection against hazardous chemicals in liquid, vapor, gaseous and solid form and specially good protection against acids and alkalis. Designed to carry the breathing apparatus inside the suit. Trellechm® Light CV is fully certified in accordance with the European standard EN 943-1.

GARMENT MATERIAL

The Trellechm® Light material is made of a strong and flexible polyamide fabric, which is coated with PVC on both sides. This construction provides a soft and durable material with good resistance to a wide range of industrial chemicals.

STANDARDS

Tested and certified according to EN 943-1.

USERS

Trellechm® Light suits are used by: Centralized Emergency & Fire Services (Petronas, Malaysia), Jiang Su Fire Bureau (Nanjing, P.R. China).

TRELLCHEM®



A ventilation system is included as standard for all Trellchem® suits.



DESIGN

Encapsulating design with hump, BA worn inside the suit.

VISOR

CV visor for optimal vision and comfort. The visor is made of impact and chemical resistant 2 mm PVC material.

VENTILATION

A ventilation system is included as standard for Trellchem® suits. For the safety of the wearer it provides a constant level of overpressure inside the suit. The Trellchem® regulation valve is made of a chemical resistant material. 3 ventilation rates (2, 30 and 100 l/min) plus zero/off position. Large thumbwheel with grooves for a good grip. Different types of passthrough systems are available as an option.



With the Trellechem® Bayonet glove ring system it is quick and easy to exchange both inner barrier gloves and outer rubber gloves.

GLOVES & ATTACHMENTS

The suit is fitted with Nitrile/Chloroprene rubber gloves in combination with rubber cuffs for added safety. The gloves are attached with the Trellechem® Bayonet glove ring system, which offers quick and simple glove exchange.

FOOTWEAR & ATTACHMENTS

Attached yellow PVC safety boots. Alternatively the suit is equipped with a sewn-on sock/bootie in the suit material.

ZIPPER

Strong and durable gastight zipper. Closing downwards for added safety. The zipper is protected by a splash guard (flap).

MATERIAL PROPERTIES

PROPERTY	METHOD	RESULT	CLASS*
Abrasion resistance	EN 530, method 2	> 2000 cycles	6
Flex cracking resistance	ISO 7854, method B	> 100000 cycles	6
Tear resistance, warp/weft	ISO 9073-4	49/72 N	3
Tensile strength, warp/weft	ISO 13934-1	900 N	5
Puncture resistance	EN 863	70 N	3
Seam strength	ISO 5082	378 N	5
Resistance to ignition	EN 13274-4, method 3	Pass	1

* Classifications according to EN 943-1.