



SAFETY AND QUALITY STANDARDS

TRELLCHEM LIGHT-T

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 outside the suit. Trellichem® Light type T is fully certified in accordance with the European standard EN 943-1.

GARMENT MATERIAL

The Trellichem® 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

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





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



DESIGN

Non-encapsulating design with face seal and without hump, BA worn outside the suit. This classic suit design is the choice for Scandinavian fire and rescue services.

FACE SEAL

The rubber face seal is anatomically designed for optimum safety and comfort. It provides users with a tight, yet perfectly comfortable fit around the face.

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 Trellechm® 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 chloroprene rubber gloves in combination with rubber cuffs for added safety. The gloves are attached with the Trellechm® 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 placed diagonally on the front of the suit for easy donning and doffing. Closing downwards for added safety. The zipper is protected by a splash guard (flap).



TC HOOD Protects the breathing apparatus from chemical splash and provides extra leakage protection between mask and face seal. Equipped with side zipper for easy donning. With PVC visor or face seal (TC Hood S).



ACCESSORIES

For the EN 943-1 standard to be fulfilled a TC Hood or a Minihood is required to be worn. A Minihood is always delivered with Trellechm® type T suits. A wide range of other accessories is available for maintenance, storage etc.

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.