



TRELLCHEM[®]
THE SAFETY STANDARD

TRELLCHEM[®] LIGHT FREEFLOW

Provides excellent protection against hazardous chemicals in liquid, vapor, gaseous and solid form and specially good protection against acids and alkalis. Designed for use with an external air source, which allows longer working hours and provides a more comfortable working environment.

GARMENT MATERIAL

The Trellichem[®] Light Freeflow material is made from 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.

The fabric is antistatic to EN 1149-5.

COLOR

Bright orange.

STANDARDS

- EN 943-1 (gastight type 1c)
- EN 14126 (infective agents)



Trellichem[®] Light Freeflow with attached boots.



Swiveling passthrough



Diffuser/silencer



Valve housing

DESIGN

Encapsulating design without hump. This provides a slimmer fit than other encapsulating suit designs.

AIR SUPPLY SYSTEM

The suit connects to an external air source (airline) via the swiveling passthrough, which is placed on the side of the suit. No SCBA is to be used - the air inside the suit is the breathing air. The air is distributed through two diffusers/silencers, placed at the top of the hood to prevent fogging of the visor. On the outside the hood is fitted with 0.5 m rubber breathing hose with a standard male EURO airline connection.

The airline passthrough is equipped with a warning whistle which sounds if the pressure drops below 3 bars.

Excess air is ventilated through four outlet valves in the back of the hood.

TECHNICAL DATA

- Working/Inlet pressure: 3-8 bars
- Minimum design air flow: 220 litres/min
- Maximum design air flow: 475 litres/min

VISOR

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

ZIPPER

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

GLOVES & ATTACHMENTS

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

FOOTWEAR & ATTACHMENTS

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

SEAM

Seams are stitched and sealed with a welded-on tape on the outside.

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