



# TRELLCHEM®

THE SAFETY STANDARD

## TRELLCHEM® EVO (GREEN)



Type VP1 with sewn-in socks/booties and separate boots.

**TRELLCHEM® EVO provides maximum protection against hazardous chemicals in liquid, vapor, gaseous and solid form, including warfare agents. TRELLCHEM® EVO is fully certified in accordance with the American standard NFPA 1991:2016, including the optional chemical flash fire and liquefied gas protection requirements.**

### GARMENT MATERIAL

The combination of elastomers and plastics with an aramid fabric makes a strong and flexible material that offers an outstanding chemical barrier - more than 24 hours protection against a wide range of chemicals - coupled with an excellent degradation resistance, provided by the outer Viton® layer, flame resistance and antistatic properties. The material fulfills NFPA 1991:2016.

### COLOR

Olive green (also available in red).

### STANDARDS

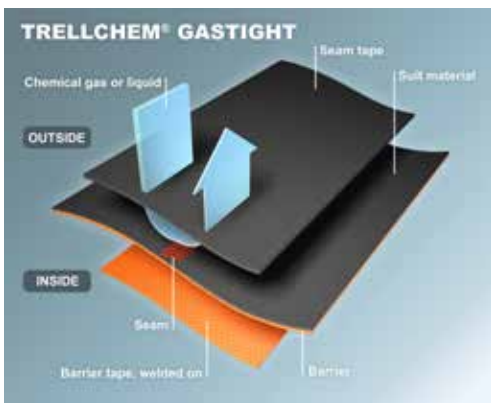
- NFPA 1991:2016 (including the optional chemical flash fire and liquefied gas protection requirements)
- EN 943-1 and EN 943-2
- EN 1073-2 (radioactive particles)
- EN 14126 (infective agents)
- EN 1149-5 (antistatic suit material)
- Approved for use in explosive environments Zone 0, 1, 2/20, 21, 22, Group IIA, IIB, IIC according to ATEX Directive 94/9/EC



Type CV



Type T



TRELLCHEM® Seam

## DESIGN

TRELLCHEM® EVO comes in different designs to fit all user preferences:

- Encapsulating design with hump (type CV or VP1), BA worn inside the suit, or
- Non-encapsulating design with face seal and without hump (type T), BA worn outside the suit.

## VISOR/FACE SEAL

The visor on encapsulating suits is made from a rigid 2 mm impact and chemical resistant PVC. Option of two visors; CV or the larger VP1. The visor is fitted with an outer antistatic tear-off/ATEX lens. Non-encapsulating suits are fitted with an anatomically designed face seal.

## ZIPPER

TRELLCHEM® HCR zipper with high chemical resistance combined with strength and durability. Closing downwards for added safety. The zipper is protected by a splash guard (flap).

**NOTE:** EN 943-1 certified suits have the chloroprene rubber coated zipper.

## VENTILATION

A ventilation system is included as standard. For the safety of the wearer, it provides a constant level of overpressure inside the suit. The TRELLCHEM® Regulating valve has 3 ventilation rates (2, 30 and 100 l/min) plus zero/off position and is also available in a passthrough version for use with external air supply.

## GLOVES & ATTACHMENTS

The glove assembly consists of minimum two layers:

- Inner Ansell Barrier® #02-100 glove
- Viton®/Butyl rubber glove

The AlphaTec® Overglove #58-800 is available for extra cut protection (required for NFPA).

The gloves are attached with the TRELLCHEM® Bayonet glove ring system, which offers quick and simple glove replacement.

## FOOTWEAR & ATTACHMENTS

The suit is equipped with a sewn-on sock/bootie in the suit material. Alternatively the suit has attached boots.

## SEAM

Stitched with aramid thread for superior strength and durability. Taped with a rubber strip on the outside and a barrier laminate strip welded to the inside. This provides a continuous barrier layer across the seam.

**NOTE:** NFPA certified suits are always in encapsulating design, have sewn-in socks and 3-part glove assembly.

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