



# TRELLCHEM®

THE SAFETY STANDARD

## TRELLCHEM® VPS-FLASH



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

**Provides maximum protection against hazardous chemicals in liquid, vapor, gaseous and solid form, including warfare agents. TRELLCHEM® VPS-Flash is fully certified in accordance with the American standard NFPA 1991:2016, including the optional chemical flash fire and liquefied gas protection requirements. The suit is also certified to the European standard EN 943-1 and EN 943-2.**

#### GARMENT MATERIAL

The combination of elastomers and plastics with a Nomex® fabric makes a strong and flexible material that offers an outstanding chemical barrier - more than 8 hours protection against a wide range of chemicals - coupled with an excellent flame resistance and resistance to abrasion, provided by the outer layer of chloroprene rubber. The material fulfills NFPA 1991:2016.

#### COLOR

Orange (also available in black).

#### STANDARDS

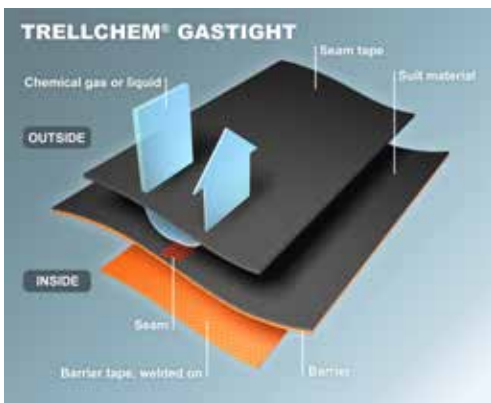
- NFPA 1991:2016 (including the optional chemical flash fire and liquefied gas protection requirements)
- EN 943-1 and EN 943-2
- EN 1073-2 (radioactive particles)
- EN 14126 (infective agents)
- Approved for use in explosive environments, Zones 2 / 21, 22 only and Group IIA, according to ATEX Directive 94/9/EC
- SOLAS



Type CV



Type T



TRELLECHEM® Seam

## DESIGN

TRELLECHEM® VPS-Flash 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

TRELLECHEM® 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 TRELLECHEM® 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
- ChemTek™ #38-628 Viton®/Butyl rubber glove

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

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

## 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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