



**TRELLCHEM**<sup>®</sup>  
THE SAFETY STANDARD

## TRELLCHEM<sup>®</sup> VPS (BLACK)



Trellchem<sup>®</sup> VPS type VP1 (black) 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<sup>®</sup> VPS is certified to the European standards EN 943-1 and EN 943-2/ET.

#### **GARMENT MATERIAL**

The combination of elastomers and plastics with a woven 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 resistance to abrasion, provided by the outer layer of chloroprene rubber.

#### **COLOR**

Black (also available in yellow).

#### **STANDARDS**

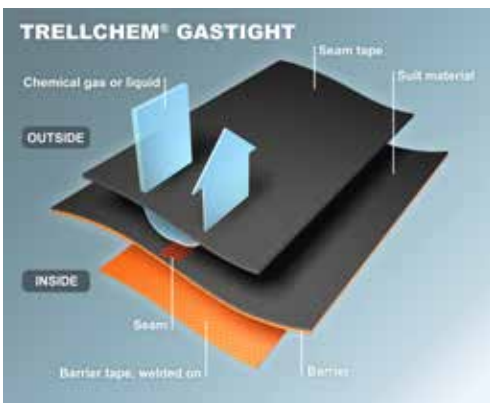
- EN 943-1 and EN 943-2/ET
- EN 1073-2 (radioactive particles)
- EN 14126 (infective agents)
- SOLAS



Type CV



Type T



Trellchem® seam

## DESIGN

Trellchem® VPS 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. Non-encapsulating suits are fitted with an anatomically designed face seal.

## ZIPPER

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

**Note:** EN 943-2/ET certified suits are equipped with the Trellchem® HCR zipper.

## VENTILATION

A ventilation system is included as standard. For the safety of the wearer it provides a constant level of over-pressure 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 standard glove assembly consists of two layers:

- Inner Ansell Barrier® glove
- Trellchem® Viton®/butyl rubber glove (ET suits) or Butyl rubber glove

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

## FOOTWEAR & ATTACHMENTS

Black nitrile rubber safety boots with European approval as Firemen's boots. Alternatively the suit has a sewn-on sock/bootie in the suit material.

## 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.

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