

Previously known as: TRELLCHEM® LIGHT Type CV/VP1

### Durable gas-tight chemical-protective suit, guarding against alkalis and low-concentration acids.

- **Enhanced practicality:** The AlphaTec® LIGHT Type CV/VP1 is a reusable, gas-tight full-body protection suit, offering practical, comprehensive personal protection for low-hazard environments
- **Specialized protection:** It is designed from robust, flexible polyester fabric, with PVC coating on the sides, granting wearers chemical resistance against alkalis and low-concentration acids
- **Assured user-friendliness:** This protective suit's well-proven design fits on top of all major SCBA brands and bottle sizes, making it particularly adaptable and easy to use



## Industries

- Food Processing
- Life Sciences
- Chemical
- Industrial
- Law Enforcement
- Emergency Medical Services
- Shipping

## Applications

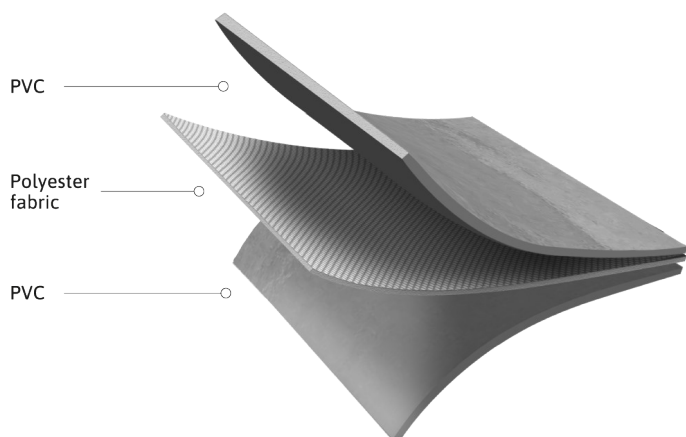
- Chemical leaks
  - Maintenance of plant and machines
  - Plant Emergencies
  - Accidental release of toxic gases
  - Biohazard response
  - Unexpected leakages spills or other releases
  - Tank Cleaning
  - CBRN Emergencies
  - Emergency Response
  - Hazmat response
- Shipping

## KEY FEATURES & BENEFITS

- **Reusable, encapsulating design:** Practical, comprehensive body protection
- **PVC-coated polyester fabric:** Durability, flexibility and chemical resistance\*
- **Compatibility with major SCBA brands:** Assured user-friendliness

\*good chemical resistance against alkalis and low-concentration acids

## Material Diagram



## Seam Diagram



## Performance Standards



## Product Information

Product Information	
Available Sizes	2XS, XS, S, M, L, XL, 2XL, 3XL
Color	Orange
Country Of Origin	Lithuania
Packaging Overview	Individually Packed
Product Material	Strong and flexible polyester fabric, coated with PVC on both sides.
Product Reference	LIGHT Type CV / VP1
Standards Overview	<ul style="list-style-type: none"><li>• EN 943-1:2015 + A1:2019</li><li>• EN 1073-2:2002 (radioactive particle protection)</li><li>• EN 14126:2003 (infective agent protection)</li><li>• EN 1149-5:2008 (antistatic suit material)</li></ul>
Seam Type	Stitched butt seams covered on the outside with a welded-on PVC tape.
Shelf Life	7 years

Suit components & accessories

Suit Components and Accessories	
Design Features	<b>Type CV:</b> Encapsulating design with hump and visor, breathing apparatus worn inside the suit. <b>Type VPI:</b> Encapsulating design with hump and larger visor, breathing apparatus worn inside the suit.
Visor And Face Seal	• Visor made from a rigid 2 mm impact and chemical resistant PVC • Comes in two optional sizes; CV or the larger VPI;
Gloves And Attachments	AlphaTec® 08-354 Neoprene (chloroprene) rubber gloves in combination with rubber cuffs for added safety. The gloves are attached with the AlphaTec® Bayonet glove ring system, which offers quick and simple glove exchange.
Footwear And Attachments	Sewn-in socks/booties made of the suit material. Alternatively attached PVC safety boots approved according to EN 20345. The boots are fixed with an ergonomically designed ring attachment, for simplified boot exchange.
Zipper	Heavy duty gas-tight zipper coated with chloroprene rubber. The zipper closes downwards, for added safety, and is protected by a flap/splash guard.
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 AlphaTec® Regulating valve has 3 ventilation rates (2, 30 and 100 l/min) plus zero/off position • CEJN 221 male coupling for connection to the SCBA (requires separate connection hose) • Two AlphaTec® Exhaust valves in the back of the hood
Optional Features And Accessories	• AlphaTec® Combined Regulating valve & Airline passthrough, • Anti-fog lens, • Tear-off lens, • AlphaTec® Hands-free Visor Light system, • Internal waist belt & leg shortener for size adjustment, • Manometer holder, • Inside pockets & loops for radio, PTT etc., • D-ring for holding small measuring instruments & tools, • Customised marking, e.g. digits, letters, logos, • AlphaTec® 58-800 Overglove for improved cut & puncture resistance, • Other accessories are available upon request
Included With Each Delivery	• 1 pce inside hump protective foam • 1 pair of comfort inner gloves • 2 pcs extra locking pins for the Bayonet glove ring system • 1 pce Molycote lubrication for the O-rings in the Bayonet glove ring system • 1 pce grease stick for lubrication of the zipper • 1 pair of comfort silicone oversocks (only for suits with sewn-in socks) • 1 pce coat hanger

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