

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

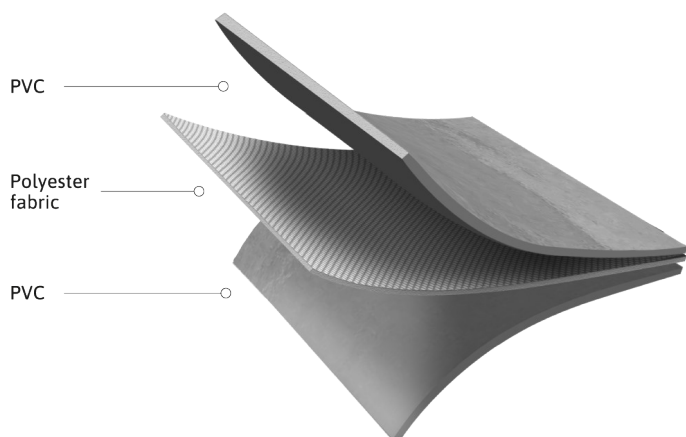
- Chemical leaks
- Maintenance of plant and machines
- Plant Emergencies
- Accidental release of toxic gases
- Biohazard response
- Unexpected leakages spills or other releases
- Tank Cleaning
- CBRN Emergencies
- Emergency Response
- Hazmat response
- Shipping

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"> • EN 943-1:2015 + A1:2019 • EN 1073-2:2002 (radioactive particle protection) • EN 14126:2003 (infective agent protection) • EN 1149-5:2008 (antistatic suit material)
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	<p>Type CV: Encapsulating design with hump and visor, breathing apparatus worn inside the suit.</p> <p>Type VPI: Encapsulating design with hump and larger visor, breathing apparatus worn inside the suit.</p>
Visor And Face Seal	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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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EU DECLARATION OF CONFORMITY

The Manufacturer
ANSELL PROTECTIVE SOLUTIONS AB
HYLLIE STATIONSTORG 31
215 32 MALMÖ
SWEDEN

declares under his sole responsibility, that the PPE described hereafter:

AlphaTec LIGHT Type CV/VP1

PPE to be used against category III risks



TYPE 1a-B



TYPE 1a-B



EN 1073-2



EN 14126

is in conformity with the provisions of Regulation (EU) 2016/425 and with the standards EN 943-1:2015 + A1:2019, EN 1073-2:2002, EN 14126:2003 and is identical to the PPE which is subject to the EU Type Examination; under certificate number 0200-PPE-04544 issued by the Notified Body:

FORCE CERTIFICATION A/S (N.B. NUMBER 0200)
PARK ALLÉ 345
DK-2605 BRÖNDBY
DENMARK

and is subject to the procedure set out in Annex VIII (Module D) of the Regulation under the supervision of the Notified Body:

SGS FIMKO OY (0598)
TAKOMOTIE 8,
FI-00380 HELSINKI,
FINLAND

Ulf Nystrom
Sr Manager, Regulatory Affairs PPE Products

Place: Malmö
Date: 2019/08/20

EU Type-Examination Certificate

Regulation on Personal Protective Equipment (Module B) Certificate No.: 0200-PPE-04544 version 4

FORCE Certification A/S (EU-notified body number 0200) has in accordance with Regulation (EU) 2016/425 of The European Parliament and of The Council of 9 March 2016, issued EU Type-Examination Certificate to:

Manufacturer: **Ansell Protective Solutions AB
Arenagatan 8B
SE-215 33 Malmö, Sweden**

For manufacturing the following personal protective equipment:

Type/Description: **Chemical protective clothing**

Model/Designation: **AlphaTec® LIGHT type CV and VP1
Totally encapsulating suit with standard visor (CV) or large visor (VP1). Integral socks/booties in the suit material or attached PVC boots. Gastight chloroprene zipper. Bayonet ring system with attached AlphaTec® 08-354 chloroprene rubber gloves or AlphaTec® 38-560 Butyl rubber gloves. Options: different gloves.**

Applied standard(s): **EN 943-1:2015 + A1:2019,
EN 1073-2:2002, EN 14126:2003**

Performance level: **Gastight suit type 1a-B.
EN 1073-2 TIL class 3**

Category: **III**

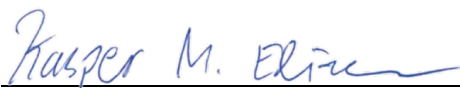
The examined sample of personal protective equipment is found to fulfill the relevant requirements of the applied standard(s) and to be in compliance with the applicable essential health and safety requirements of Regulation (EU) 2016/425. Documentation for observance of relevant requirements and the basis for the type-examination are described in the appendix to this certificate. The manufacturer shall inform FORCE Certification A/S of any contemplated changes.

This certificate can only be used in conjunction with a valid conformity assessment procedure according to Regulation (EU) 2016/425 module C2 or D.

This certificate replaces the former version 0200-PPE-04544 version 3, due to renewal. Existing products conforming to the previous version of this certificate remain valid.

Date of issue: **2023-07-05**

Date of expiry: **2028-07-05**



Kasper Munk Eliassen
Certification Manager



Erik Bjarnov
Examiner

FORCE Certification A/S task No.: **123-27144** / Certificate ID: **0200-PPE-04544-4**

The certificate is only valid with two signatures from FORCE Certification. The original version of the certificate is archived in FORCE Certification's database and is sent in electronic duplicate to the customer. The stored version of the certificate at FORCE Certification prevails as documentation for its contents and validity. This certificate will remain valid unless cancelled, revoked or expired, provided the conditions in the attached appendix are complied with, and that the equipment remains state of the art within its applicable field of service. Status of this certificate can be verified on www.forcecertification.com. This EU Type-Examination Certificate is the property of FORCE Certification A/S. Extracts of this certificate may only be reproduced with a written permission from FORCE Certification A/S