

EU Type-Examination Certificate

Regulation on Personal Protective Equipment (Module B) Certificate No.: 0200-PPE-06312 version 2

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, Hyllie Stationstorg 31,
SE-215 32 Malmö, Sweden**

For manufacturing the following personal protective equipment:

Type/Description: **Chemical protective clothing**

Model/Designation: **AlphaTec® LIGHT type TR (previously Trelchem)**

To be used with positive pressure breathing apparatus. Use of AlphaTec® Mini Hood or SCBA Cover is recommended, alternatively permanently attached full face mask. Integral socks/booties in the suit material or attached PVC boots. Gastight PVC zipper. Bayonet ring system with attached AlphaTec® Scorpio 08-354 neoprene rubber gloves.

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

Performance level: **Gastight suit type 1b-B.**

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.

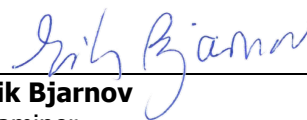
This certificate replaces the former version 1 due to renewal. Existing products conforming to the previous version of this certificate remain valid.

Date of issue: **2024-04-24**

Date of expiry: **2029-04-24**



Kasper Munk Eliassen
Certification Manager



Erik Bjarnov
Examiner

FORCE Certification A/S task No.: **124-23101** / Certificate ID: **0200-PPE-06312-2**

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.

Classification Annex to EU Type-Examination Certificate

Regulation on Personal Protective Equipment (Module B)

Certificate No.: DK-0200-PPE-06312 version 2

Issued by FORCE Certification A/S - EU-notified body number 0200

AlphaTec® LIGHT material properties. Classification according to EN 14325:2018

Property	Class	Class requirements
Abrasion resistance (EN 530)	6	> 2000 cycles
Flex cracking resistance (ISO 7854:B)	6	>50 000 cycles
Flex cracking resistance at – 30 °C (ISO 7854:B)	6	> 4000 cycles
Tear resistance (EN ISO 9073-4)	4	> 60 N
Tensile strength (EN ISO 13934-1)	6	> 1000 N
Puncture resistance (EN 863)	3	> 50 N
Resistance to flame* (EN 13274-4:2001 method 3 modified)	2	1s in flame, leak tight afterwards
Seam strength (EN ISO 13935-2)	6	> 500 N
Closure/zipper strength (EN ISO 13935-2)	6	> 500 N

* If resistance to flame is essential for the use of this product, specific testing should be performed depending on the intended use, e.g. EN ISO 14116.

Additional tests not required in EN 943-1:2015 and EN 14325:2018.

Property	Value or class	Requirements
EN 1149-5:2008 Decay time t50	t ₅₀ <0,16s	t ₅₀ <4s


Resistance to permeation by chemicals.

Chemical	Light suit	Light suit seam	PVC zipper	AlphaTec® Scorpio 08-354 glove	Dunlop PVC boot
Formaldehyde solution	6	6	6	6	6
Hydrochloric acid 37%	6	6	6	6	6
Sodium hydroxide 40%	6	6	6	6	6
Sulphuric acid 50 %	6	6	6	6	6

Classification for protection against infective agents according to EN 14126:2003

Property	Class
Resistance to penetration by contaminated liquids under pressure (ISO16603 and ISO 16604)	6
Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids (EN ISO 22610:2006)	6
Resistance to penetration by contaminated liquid aerosols (ISO/DIS 22611)	3
Resistance to penetration by contaminated solid particles (ISO 22612)	3

Date: 2024-04-24


Erik Bjarnov
Examiner