DANAK
PROD Reg. nr. 7020

FORCE Certification

EU Type-Examination Certificate

Regulation on Personal Protective Equipment (Module B)

Certificate No.: 0200-PPE-04548 version 5

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® FLASH type T-ET**
	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 Nitrile rubber Fireman SA boots. Gastight HCR zipper. Bayonet ring system with attached AlphaTec® 38-560 Butyl rubber gloves in combination with AlphaTec® 02-100 inner gloves. Options: different gloves.
Applied standard(s):	**EN 943-1:2015 + A1:2019, EN 943-2:2019, EN 1073-2:2002, EN 14126:2003, EN ISO 13688:2013 + A1:2021**
Performance level:	**Gastight suit type 1b-ET-B, enhanced robustness. 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-04547 version 3 due to change of gloves and update of manufacturer address. Existing products conforming to the previous version of this certificate remain valid.

Date of issue [YYYY-MM-DD]: 2025-11-24
Date of expiry [YYYY-MM-DD]: 2028-07-05

Kasper Munk Eliasen
Certification Manager

Task: 125-33318 / Certificate ID: 0200-PPE-04548-5

The certificate is only valid when signed by FORCE Certification A/S. 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.

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

Property	Class	Class requirements
Abrasion resistance (EN ISO 12947-2 modified acc. EN 14325)	6	> 2000 cycles
Flex cracking resistance (ISO 7854:B)	4*	> 8000 cycles
Flex cracking resistance at – 30 °C (ISO 7854:B)	6'	> 4000 cycles
Tear resistance (EN ISO 9073-4)	3	> 40 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)	3	5s in flame, leak tight afterwards
Seam strength (EN ISO 13935-2)	6	> 500 N
Closure/zipper strength (EN ISO 13935-2)	6	> 500 N

* Class 4 of EN 14325:2004 also passed (> 15 000 cycles) and class 6. (>8000 cycles) at low temperature.

Additional tests not required in EN 943-1+A1:2019 and EN 14325:2018.

Property	Value or class	Requirements
EN ISO 14116 Limited flame spread index	3	No hole formation
Antistatic properties EN 1149-5	t_{50}= 0.82s	t_{50} < 4s
Resistance to blocking ISO 5978	1	No blocking

Resistance to permeation by chemicals, classification by breakthrough level 1 cm²/cm/min.

Chemical	FLASH suit	FLASH suit seam	HCR Zipper	Glove A. 02-100 and 38-560 combined*	Boot Fireman SA
Acetone	6	6	6	6	5
Acetonitrile	6	6	6	6	5
Ammonia (gas)	6	6	6	6	6
Carbon disulfide	6	6	5	6	6
Chlorine (gas)	6	6	6	6	6
Dichloromethane	6	6	3	6	3
Diethyl amine	6	6	2	6	6
Ethyl acetate	6	6	6	6	6
n-Heptane	6	6	6	6	≥3
n-Hexane	6	6	6	6	6
Hydrogen chloride (gas)	6	6	6	6	6
Methanol	6	6	5	6	6
Sodium hydroxide 40%	6	6	6	6	6
Sulphuric acid 96%	6	6	6	6	6
Tetrahydrofuran	6	6	1	6	5
Toluene	6	6	6	6	6

* The combination of the AlphaTec 02-100 inner barrier glove and the 38-560 outer rubber glove must always be worn together.

The manufacturer has classifications according to cumulative permeation available (ISO 16602:2007, §6.5.1).

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: 2025-09-29

Erik Bjarnov
Examiner