

► CPS 5900

Chemical protection suit type 1a (EN943-1)



Technical specifications

Performance type (according to EN943): Type 1a (chemical protection impermeable to gases, liquid chemicals, liquid aerosols and solid particles)

Self-contained breathing apparatus is worn inside the suit for maximum protection

Sizes: 5 sizes available (S, M, L, XL & XXL)

Visor: flexible and foldable two-layer offering an almost natural field of vision

Opening: on the left side of the chest, allows you to quickly put on and take off the suit

Fastening: zipper with external chain, closing from top to bottom. Double continuous hook-and-loop protection flap to protect the zipper

Socks: integrated, gas-tight with boot cover, can be used with different sizes of boots

Gloves: Fixed combining butyl on the outside with a laminated inner liner to increase protection against chemicals and punctures

Belt: integrated for waist adjustment

Operating temperature: -30 °C to +60 °C

Storage temperature: -20 °C to +25 °C

Certifications:

- NFPA 1994: 2012: US Requirements for Protective Clothing for Response to Chemical Warfare Agents
- EN 943-1: 2002 EU requirements for gas-tight protective suits for industrial use
- EN 943-2: 2002 (ET) EU requirements for gas-tight protective suits for firefighters' response
- SOLAS Requirements for use on ocean-going vessels

Product description

The limited-use Dräger **CPS 5900** coverall provides superior protection against a variety of chemicals and chemical warfare agents. It has been specially developed to be able to carry out operations in low risk conditions, such as carrying out control measures or transfers without risk of explosion. It meets international fire, rescue and industry requirements for single-use protective suits.

This type 1a according to EN943 suit is tight against gases, liquid chemicals, liquid aerosols, solid particles and the self-contained breathing apparatus is worn inside the suit for maximum protection. It is the first chemical protective suit in the world approved according to the EN 943 parts 1 & 2 (ET) standards, the NFPA 1994 class 2 standard (intervention in the presence of chemical warfare agents), as well as the SOLAS convention (in course) and is GUV-I 8671 compliant.

► Chemical tests :

Chemical	breakthrough time in min
Acetone	> 480
Acetonitrile	> 480
Ammonia	> 480
1,3-Butadiene	> 480
Carbon disulphide	> 480
Chlorine	> 480
Dichloromethane	> 480
Diethylamine	> 480
Ethyl acetate	> 480
Ethylene oxide	> 480
Hydrogen chloride	> 480
Lewisite (L)	> 480
Methanol	> 480
Methyl Chloride	> 480
Mustard gas (HD)	> 480
n-heptane	> 480
Sarin (GB)	> 480
40% sodium hydroxide	> 480
96% sulfuric acid	> 480
Tetrachlorethylene	> 480
Tetrahydrofuran	> 480
Toluene	> 480
VX	> 480