

► CPS 5800

Limited-use chemical protective suit



Technical specifications

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

Self-contained breathing apparatus is worn on the outside of the suit

Sizes: 4 sizes available (M, L, XL & XXL)

Opening: diagonal on the front to be able to put it on and take it off without outside help

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

Face cuff: butyl, soft and flexible

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

Pressure relief valve: purges air from the suit

Suit Material: Zytron™ 500

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

Storage temperature: -20 °C to +25 °C

Weight (without ventilation system): 2.2 kg

Certification:

- 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 maritime uses
- ISO 16602: 2007 International requirements for chemical protective suits

Product description

The Dräger **CPS 5800** is a limited-use chemical protective suit intended for industrial applications and operations, particularly on ships, to protect the user from hazardous gaseous, liquid or solid substances (type 1b according to EN943). This protective suit is ideal for operations requiring optimal mobility, such as entering confined spaces or unloading.

The **CPS 5800** meets the highest international standards for industry, fire service and marine. It meets the EN 943-1, EN943-2 and SOLAS standards, and is therefore approved for use on board a ship. It is very comfortable to wear and is equipped with a flexible and secure face cuff. It is made of Zytron 500, a very soft, resistant and efficient laminate material. The seams are all welded inside and outside of the suit and the quality of the materials make it a high performance protective garment.

► Chemical tests:

Chemical	Breakthrough time*
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
Methanol	> 480
Methyl Chloride	> 480
n-heptane	> 480
40% caustic soda	> 480
96% sulfuric acid	> 480
Tetrachlorethylene	> 480
Tetrahydrofuran	> 480
Toluene	> 480

* According to the EN 943-2: 2002 standard.