

Dräger CPS 5800 Chemical protective suit for industrial use

The Dräger CPS 5800 is a limited-use chemical protective suit for industrial applications and operations on board that involve a gaseous, liquid or solid hazardous substance.



COMPREHENSIVE PROTECTION

For emergencies or for routine work such as maintenance, repairs and tank cleaning – appropriate protection is always required.

With its external self-contained breathing apparatus the gas-tight Dräger CPS 5800 (type 1b) protects against a multitude of substances. The suit meets the highest international requirements of industry, fire departments and shipping. Therefore it fulfills EN 943-1+2:2002, and the SOLAS requirements, so that it is approved for the use on board ships. As a limited-use protective suit its resistance against mechanical influences and flames is not as high as the one from the reusable Dräger CPS 7800.

COMFORTABLE TO WEAR

With the proven Dräger design, this suit is very comfortable to wear and is equipped with the flexible Dräger face cuff. The suit is made of Zytron® 500, a very soft laminate material. All seams are welded in- and outside. This high quality material and the manufacturing techniques provide a long service life of up to ten years.

Features:

- large opening for donning / doffing (diagonally across the front); with no additional assistance required
- zipper with external chain and a downward direction of fastening
- double flap with continuous Velcro strap protects zip fastener
- soft Dräger face cuff
- integrated gas-tight socks with boot flaps for use with multiple boot sizes
- fixed gloves combine butyl outer with laminate inner lining for increased protection against chemicals and punctures
- Dräger pressure relief valve for discharging air from the suit



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CHEMICAL RESISTANCE

Chemical	Permeation time in min.*	Chemical	Permeation time in min.*	Chemical	Permeation time in min.*
Acetone	> 480	Diethylamine	> 480	Caustic soda 40 %	> 480
Acetonitrile	> 480	Ethyl acetate	> 480	Sulfuric acid 96 %	> 480
Ammonia	> 480	Ethylene oxide	> 480	Tetrachlorethylene	> 480
1,3-Butadiene	> 480	Hydrogen chloride	> 480	Tetrahydrofuran	> 480
Carbon disulfide	> 480	Methanol	> 480	Toluene	> 480
Chlorine	> 480	Methyl chloride	> 480		
Dichloromethane	> 480	n-heptane	> 480		

Via the constantly updated VOICE database you can find out about chemical resistance and decontamination processes: <http://www.draeger.com/voice>

* Permeation times in accordance with EN 943-2:2002.

TECHNICAL DATA

Approvals	EN 943-1:2002 EN 943-2:2002 (ET) SOLAS II-2, Reg. 19 ISO 16602:2007	EU requirements for gas-tight protective suits for industrial applications EU requirements for gas-tight protective suits for use by firefighters Requirements for use on seagoing vessels International requirements for chemical protective suits
Temperature ¹⁾	- 30 °C to + 60 °C ²⁾ - 20 °C to + 25 °C	in use in storage
Weight	2.2 kg	

¹⁾ Observe operating temperatures of the respiratory protective equipment!

²⁾ Lower temperatures down to - 60 °C are possible on short-term exposure. Observe operating temperatures of the respiratory protective equipment!

ORDER INFORMATION

Dräger CPS 5800

Sizes	Size M for body heights from 1.60 m and 1.75 m	R 57 787
	Size L for body heights from 1.70 m to 1.85 m	R 57 788
	Size XL for body heights from 1.80 m to 1.90 m	R 57 789
	Size XXL for body heights from 1.85 m to 2.00 m	R 57 790

CORPORATE HEADQUARTERS

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