

## 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.

The Dräger CPS 5800 provides optimal protection 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 WorkMaster pro ET or Dräger CPS 7800.

### COMFORTABLE TO WEAR

With the proven Dräger WorkMaster pro ET 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:

- Compressed air breathing apparatus is worn externally
- Four different suit sizes are available
- 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
- 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



D-22672-2009

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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 part 2.

## TECHNICAL DATA

Approvals	EN 943-1:2002 type 1b EN 943-2:2002 (ET) SOLAS II-2, Reg. 19	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
Temperature	-60 °C to +93 °C -20 °C to +25 °C	in use in storage
Weight	2.2 kg	

## ORDER INFORMATION

### CPS 5800

CPS 5800 size M	body heights from 1.60 m to 1.75 m	R57787
CPS 5800 size L	body heights from 1.70 m to 1.85 m	R57788
CPS 5800 size XL	body heights from 1.80 m to 1.90 m	R57789
CPS 5800 size XXL	body heights from 1.85 m to 2.00 m	R57790
Valve disk	for suit pressure relief valve	RM05064
Grease pen, set of 2	for greasing the zipper chain	R27494

### HEADQUARTERS

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