

Dräger CPS 5800 Chemical Protective Suit

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 (pending) 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 WorkMaster pro ET.

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	Breakthrough time in min.	Chemical	Breakthrough time in min.	Chemical	Breakthrough 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		

TECHNICAL DATA

Approvals	EN 934-1:2002 type 1b EN 934-2:2002 (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 (pending) 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

Dräger Safety AG & Co. KGaA
Revalstrasse 1
23560 Lübeck, Germany

www.draeger.com

SUBSIDIARIES

AUSTRALIA

Draeger Safety Pacific Pty. Ltd.
Axxess Corporate Park
Unit 99, 45 Gilby Road
Mt. Waverley Vic 3149
Tel +61 3 92 65 50 00
Fax +61 3 92 65 50 95

CANADA

Draeger Safety Canada Ltd.
7555 Danbro Crescent
Mississauga, Ontario L5N 6P9
Tel +1 905 821 8988
Fax +1 905 821 2565

P. R. CHINA

Beijing Fortune Draeger Safety
Equipment Co., Ltd.
A22 Yu An Rd, B Area,
Tianzhu Airport Industrial Zone,
Shunyi District, Beijing 101300
Tel +86 10 80 49 80 00
Fax +86 10 80 49 80 05

FRANCE

Dräger Safety France SAS
3c route de la Fédération,
BP 80141
67025 Strasbourg Cedex 1
Tel +33 3 88 40 59 29
Fax +33 3 88 40 76 67

MEXICO

Draeger Safety S.A. de C.V.
Av. Peñuelas No. 5 Bodega No. 37
Fraccionamiento Industrial
San Pedrito
Querétaro, Qro México
Tel +52 442 246-1113
Fax +52 442 246-1114

NETHERLANDS

Dräger Safety Nederland B.V.
Edisonstraat 53
2700 AH Zoetermeer
Tel +31 79 344 46 66
Fax +31 79 344 47 90

REP. OF SOUTH AFRICA

Dräger South Africa (Pty) Ltd.
P.O.Box 68601
Bryanston 2021
Tel +27 11 465 99 59
Fax +27 11 465 69 53

SINGAPORE

Draeger Safety Asia Pte Ltd
67 Ayer Rajah Crescent
#06-03
Singapore 139950
Tel +65 68 72 92 88
Fax +65 65 12 19 08

SPAIN

Dräger Safety Hispania S.A.
Calle Xaudaró 5
28034 Madrid
Tel +34 91 728 34 00
Fax +34 91 729 48 99

UNITED KINGDOM

Draeger Safety UK Ltd.
Blyth Riverside Business Park
Blyth, Northumberland
NE24 4RG
Tel +44 1670 352-891
Fax +44 1670 356-266

USA

Draeger Safety, Inc.
101 Technology Drive
Pittsburgh, PA 15275
Tel +1 412 787 8383
Fax +1 412 787 2207