

# Dräger CPS 5900 Chemical Protective Suit

The Dräger CPS 5900 is the ideal disposable, gas-tight chemical protective suit for hazmat incidents. Where complete protection against hazardous gases, liquids and particles is of the utmost priority, this lightweight garment is the suit of choice.



Where gas-tight chemical protection is required, and there is minimal risk of mechanical or physical damage to the suit itself, the Dräger CPS 5900 is the perfect choice.

## THE RIGHT LEVEL OF PROTECTION

The Dräger CPS 5900 provides excellent protection against a broad range of industrial chemicals as well as warfare agents. Specifically designed for low risk operations, it can be used in a variety of applications such as when taking measurements or transferring hazardous substances in non-explosive atmospheres. As the first chemical protective suit to be approved to NFPA 1994, class 2 and EN 943 part 1&2 (ET), the Dräger CPS 5900 also complies with the requirements of the SOLAS convention (pending). As a result, it fulfils the most demanding international standards of fire fighters and industrial users for limited use, gas-tight protective suits. Where the potential risks might include mechanical stress and flash fire, the heavy duty Dräger CPS 7900 protective suit should be worn.

## OFFERING EVEN MORE COMFORT

Featuring the new Dräger cut, the Dräger CPS 5900 offers improved ergonomics and optimized compatibility with various types of personal protective equipment

including the latest breathing apparatus, helmets and other forms of PPE. It can also be worn with twin cylinders or closed circuit breathing apparatus. Available in 5 sizes, the suit is designed to fit both male and female users from 1.50 m to 2.10 m in height. Made of Zytron 500, the softest laminate material on the market, each seam has been sewn and then hot-air taped internally and externally. The material and production quality allow for a ten-year shelf life.

## MEETING YOUR NEEDS:

- Fully encapsulating suit for maximum-protection
- Wide front entry on left side for easy donning & doffing
- Zipper fastener (bottom up)
- Double flap zipper protection
- Flexible and foldable two-layer visor offers almost natural field of vision
- Integrated gas-tight socks with boot flaps for use with multiple boot sizes
- Fixed gloves combine butyl outer with laminate inner lining for increased protective against chemicals and punctures
- Kevlar over-glove for additional cut protection
- Integrated waist belt for size adjustment



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## CHEMICAL TESTS

Chemical	Breakthrough time in min	Chemical	Breakthrough time in min	Chemical	Breakthrough time in min
Aceton	>480	Ethyl acetate	>480	Sarine (GB)	>480
Acetonitrile	>480	Ethylene oxide	>480	Sodium hydroxide 40%	>480
Ammonia	>480	Hydrogen chloride	>480	Soman (GD)	>480
1,3 Butadiene	>480	Lewisite (L)	>480	Sulphuric acid 96%	>480
Carbon disulphide	>480	Methanol	>480	Tetrachlorethylene	>480
Chlorine	>480	Methyl Chloride	>480	Tetrahydrofurane	>480
Dichloromethane	>480	Mustard gas (HD)	>480	Toluene	>480
Diethylamine	>480	n-heptane	>480	VX	>480

## APPROVALS

NFPA 1994: 2007	US requirements for protective clothing for incidents involving warfare agents
EN 943-1:2002	European requirements for protective clothing for industrial applications
EN 943-2:2002 (ET)	European requirements for protective clothing for fire brigades
SOLAS II-2, Reg.19 (pending)	Requirements for use on seagoing vessels

## ORDER INFORMATION

Description		Order Code
CPS 5900 size S	Body height from 1,50 m to 1,65 m	R 57 781
CPS 5900 size M	Body height from 1,60 m to 1,75 m	R 57 782
CPS 5900 size L	Body height from 1,70 m to 1,85 m	R 57 783
CPS 5900 size XL	Body height from 1,80 m to 2,00 m	R 57 784
CPS 5900 size XXL	Body height from 1,95 m to 2,10 m	R 57 785
Overglove Neptune	Puncture resistance necessary for NFPA 1994	R 58 106

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