

Dräger WorkMaster pro ET Chemical Protective Suit

The Dräger WorkMaster pro ET is a gastight, reusable chemical protective suit with breathing apparatus worn over the protective suit. It is particularly well tailored to requirements when entering confined spaces.



ST-10018-2008

- High protection against hazardous substances
- Four suit sizes to ensure the perfect fit
- Can be used in combination with various full face masks or face cuff
- Optional ventilation system and connection to external breathing air supply to ensure full concentration during work

RELIABLE PROTECTION AGAINST HAZARDOUS SUBSTANCES

The Dräger WorkMaster pro ET protects you against gaseous, liquid, aerosol and solid hazardous substances and meets all the requirements of EN 943 part 1 & 2, as well as the current valid vfd-guideline 08/01 (German Fire Protection Association). The suit also protects you against radioactive particles and infectious agents and is approved for usage in shipping (SOLAS).

TOUGH ON THE JOB

The suit material is made of the high-quality material HIMEX®, a particular feature of which is the high degree of resistance to chemicals and mechanical resistance.

A TAILOR-MADE SUIT

Four suit sizes are available, in order to ensure that the suit fits perfectly and allows you to move freely whilst at work. The tight fit is particularly beneficial when entering confined spaces. The suit is available in orange or blue. The gastight CR-PVF zipper system can be closed without assistance by using the external chain. A pocket on the chest provides space for a radio.

THE RIGHT COMBINATION

Alongside the integrated full face mask with composite safety glass, the Dräger WorkMaster pro ET can also be equipped with a flexible, gastight face cuff. This allows you to use the suit with various full face masks, such as the Dräger Panorama Nova or the Dräger FPS 7000. Safety gloves and safety boots are also connected to the suit in a gastight manner and can be easily replaced. Alternatively, you can use gastight socks.



ST-677-2008

Dräger WorkMaster pro ET with Dräger RV PT 120 L ventilation system and Dräger Airpack 1 external breathing air supply



ST-5663-2004

Dräger WorkMaster pro ET equipped with Dräger Panorama Nova full face mask, safety gloves and safety boots

FOR THE OPTIMAL SUPPLY

The optional ventilation system cools your body whilst working and extracts moisture from the inside of the suit. Thanks to the Dräger RV PT 120 L ventilation system, you control the airflow and can select between 0, 5, 30 and 120 L/min.

The chemical protective suit can be used with a breathing apparatus or an external breathing air supply. This gives you more time to carry out your work.

CHEMICAL TESTS

Chemical	Permeation time (min) ¹⁾	Chemical	Permeation time (min) ¹⁾
Acetone ²⁾³⁾	> 120	n-Heptan ²⁾	> 480
Acetonitrile ²⁾³⁾	> 480	n-Hexane ³⁾	> 480
Ammonia ²⁾³⁾	> 480	Methanol ²⁾³⁾	> 480
1,3 Butadiene ³⁾	> 480	Methyl chloride ³⁾	> 480
Chlorine ²⁾³⁾	> 480	Caustic soda (40%) ²⁾	> 480
Hydrogen chloride ²⁾³⁾	> 480	Nitrobenzene ³⁾	> 480
Dichloromethane ²⁾³⁾	> 60	Carbon disulphide ²⁾³⁾	> 480
Diethylamine ²⁾³⁾	> 480	Sulphuric acid (96%) ²⁾	> 480
N,N-Dimethylformamide ³⁾	> 480	Tetrachlorethylene ³⁾	> 480
Ethyl acetate ²⁾³⁾	> 480	Tetrahydrofuran ²⁾³⁾	> 480
Ethylene oxide ³⁾	> 480	Toluene ²⁾³⁾	> 480

For further resistance values, go to www.draeger.com/voice

¹⁾ Time according to DIN EN ISO 6529:2003-01 up to permeation speed of 1.0 g/cm²/min

²⁾ Test chemicals from EN 943-2:2002 and vfdb guidelines 08/02:2002 (German Fire Protection Association)

³⁾ Test chemicals from NFPA 1991:2000 (National Fire Protection Association)

TECHNICAL DATA

Approvals	EN 943-1:2002 type 1b EN 943-2:2002 vfdb guideline 08/01:2002-11 EN 1073-2 EN 14126 NIPPON KAIJI KYOKAI SOLAS	Industrial application Usage by emergency services vfdb-guideline Protection against contamination through radioactive particles Protection against infectious agents Japanese marine approval Usage in shipping
Temperature	In use -40 °C to 60 °C In storage -5 °C to 25 °C	
Weight	With face cuff, approx. 6.5 kg With full mask, approx. 7.0 kg	without ventilation system without ventilation system
Suit material	HIMEX®	
Colour	blue / orange (exterior); light grey (interior)	
Size of basic suit (according to EN 340)	M from 160 cm to 175 cm L from 170 cm to 185 cm XL from 180 cm to 190 cm XXL from 185 cm to 200 cm	

ORDER INFORMATION

Dräger WorkMaster pro ET	Order No.
Dräger WorkMaster pro ET blue basic suit in respective size, including blue transport bag	R 29 400
Dräger WorkMaster pro ET orange basic suit in respective size, including blue transport bag	R 29 401

NECESSARY EQUIPMENT

Closure system

Zipper (fastens from top to bottom) with external chain and cover flap, with Velcro fastening

Mask or face cuff

Integrated, black gastight face cuff, in accordance with DIN EN 943-1:2002 and 943-2:2002 (ET)

Integrated, permanent full face mask P-Triplex (with plug connection)

Integrated, permanent full face mask RA-Triplex (with standard thread connection)

Integrated, permanent full face mask PE-Triplex (with standard connection)

Integrated, permanent full face mask ESA-Triplex (with standard plug connection)

Safety boots with polymer soles, polymer toe cap and textile lining (acc. to FPA CR and EN 344/345)

Nitril-P, size 43 R 56 863

Nitril-P, size 44 R 56 864

Nitril-P, size 45 R 56 865

Nitril-P, size 46/47 R 56 866

Nitril-P, size 48 R 56 867

Nitril-P, size 49/50 R 56 868

Gastight socks – to wear with separate safety boots (acc. EN 345, class S5)

VITON® / Butyl, size 41-44

VITON® / Butyl, size 43-47

VITON® / Butyl, size 46-49

Chemical-resistant gloves (acc. EN 374)

VITON®, size 9 R 55 537

VITON®, size 10 R 53 776

VITON®, size 11 R 53 554

VITON® / Butyl, size 9 R 55 762

VITON® / Butyl, size 10 R 55 531

VITON® / Butyl, size 11 R 55 761

ORDER INFORMATION

OPTIONAL ACCESSORIES

Over gloves – resistant to chemicals (acc. EN 374) and cuts (acc. EN 388)

TRICOTRIL® (EN 374 & EN 388), size 10	R 55 968
TRICOTRIL® (EN 374 & EN 388), size 11	R 55 966
K-MEX® Gigant (EN 388), size 14	R 55 969

Ventilation system - with or without option for external air supply

Ventilation & mounting set	R 54 544
RV PT 120 L variant B1	R 56 510
RV PT 120 L variant B2	R 56 512
RV PT 120 L variant B3, excl. ASV	R 56 513
Automatic switch-over valve (ASV) for variant B3	33 54 568
RV PT 120 L variant B4	R 56 511

Other accessories

Cotton gloves	R 50 972
Gastight cuffs	R 52 648
Talcum bag	R 51 005
Grease pens (2x) for closure system	R 27 494
Protective bag	R 53 693
Transport box	T 51 525
Transport bag	R 53 373
CSA hanger, T-shape	R 54 746
Test device: Porta Control / Testor 2100 & 3100 / Quaestor 5000 & 7000	
Customer-specific labelling of WorkMaster pro ET (see separate brochure, Dräger No. 90 46 022)	(upon request)

VITON® is a registered trademark of the company DUPONT DOWELASTOMERS

HIMEX® is a registered trademark of Drägerwerk AG, Lübeck

TRICOTRIL® is a registered trademark of Kächele-Cama Latex GmbH

K-MEX® is a registered trademark of Kächele-Cama Latex GmbH

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