

Dräger WorkMaster pro ET

When working with or handling hazardous substances, personnel must have professional equipment that is also comfortable to wear. Only then can dangerous work be carried out safely.



ST-10018-2008

The Dräger WorkMaster pro ET is a gastight chemical protective suit with an externally-worn compressed air breathing apparatus, which is particularly well tailored to requirements when entering tight spaces. The suit protects the wearer against gaseous, liquid, aerosol and solid hazardous substances. It meets all the requirements of EN 943 Part 1 & 2, and the current vfdb (German Fire Protection Association) guideline 08/01 is also adhered to. The Dräger WorkMaster pro ET is approved as a protective suit against radioactive particles, infectious agents and fur usage in shipping (MED & SOLAS).

The suit material is made of the high-quality backing fabric HIMEX®, a particular feature of which is the high degree of resistance to chemicals and mechanical stress, together with excellent resistance to explosive flames. The suit has a modular design, which allows it to be assembled in accordance with specific conditions of use. Thus achieving a greater degree of comfort in different working situations.

Four different sizes are available, each in blue or orange. The WorkMaster pro ET has a gastight CR-PVF closure system, with an integrated barrier laminate, external metal chain, and radio pocket.

Alongside the integrated full face mask, the Dräger WorkMaster pro ET can also be equipped with a flexible, gastight face cuff, which allows the protective suit to be used with various full face masks, such as the Dräger Panorama Nova or Dräger FPS 7000.

The protective gloves and safety boots are connected in a gastight manner to the suit, and can easily be changed. As an alternative to fixed safety boots, the suit can also be equipped with gastight socks. The visor of the permanently integrated full face mask is made of composite safety glass.

Furthermore, a ventilation system can be integrated in the protective suit, which cools the body and prevents humidity. The Dräger RV PT 120 L ventilation system allows the wearer to configure the airflow himself. This can be set at 0, 5, 30 and 120L/min. This allows the wearer to create a comfortable climate in the suit, which considerably increases the comfort level. In addition, the suit can be connected to an external compressed air source (Dräger program for compressed air hose devices), which gives the wearer more time to perform his tasks.

Dräger WorkMaster pro ET - another quality product from Dräger.



ST-677-2008

Dräger WorkMaster pro ET
Blue with Dräger RV PT 120L as ventilation variant B3 (breathing and ventilation from Airline, BA-Set as escape unit) with Airpack 1



ST-6683-2004

Dräger WorkMaster pro ET
Orange

CHEMICAL TESTS

Chemical	permeation time (min) ¹⁾	Chemical	permeation time (min) ²⁾
Acetone ²⁾³⁾	> 120	n-Heptane ²⁾	> 480
Acetonitrile ²⁾³⁾	> 480	n-Hexane ²⁾	> 480
Ammonia ²⁾³⁾	> 480	Methanol ²⁾³⁾	> 480
1,3-Butadiene ³⁾	> 480	Methyl chloride ³⁾	> 480
Chlorine ²⁾³⁾	> 480	Sodium hydroxide (40%)	> 480
Hydrogen chloride ²⁾³⁾	> 480	Nitrobenzene ²⁾	> 480
Dichloromethane ²⁾³⁾	> 60	Carbon disulphide ²⁾	> 480
Diethylamine ²⁾³⁾	> 480	Sulfuric acid (96%) ²⁾	> 480
N,N-Dimethylformamide	> 480	Tetrachlorethylene ³⁾	> 480
Ethyl acetate ²⁾³⁾	> 480	Tetrahydrofurane ²⁾³⁾	> 480
Ethylene oxide ²⁾	> 480	Toluene ²⁾³⁾	> 480

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

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

²⁾ Test chemicals from EN 943-2:2002 and vdfb (German Fire Protection Association) guidelines 08/02/:2002-11(03)

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

TECHNICAL DATA

Approvals:	EN 943-1:2002 type 1b EN 943-2:2002 vdfb (German Fire Protection Association) guideline 08/1:2002-11 EN 1073-2 EN 14126 MED 2002/75/EC NIPPON KAIJI KYOKAI SOLAS	Industrial application Usage by emergency services vdfb guideline Protection against contamination by radioactive particles Protection against infectious agents Usage in marine applications, according to MED Japanese marine approval
Temperature:	-40°C to 60°C in use -5°C to 25°C in storage	
Weight:	with face cuff, approx. 6.5kg With full face mask, approx. 7.0kg	without ventilation system without ventilation system
Suit material HIMEX®		
Color	blue / orange (exterior); light gray (interior)	
Size of basic suit (acc. EN 340)	M from 155cm – 180cm acc. EN 340 L from 160cm – 185cm acc. EN 340 XL from 180cm – 200cm acc. EN 340 XXL from 190cm – 215cm acc. EN 340	

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

ORDERING INFORMATION

Dräger WorkMaster pro ET	Order No.
Dräger WorkMaster pro ET blue Basic suit in respective size, including blue carry bag	R 29 400
Dräger WorkMaster pro ET orange Basic suit in respective size, including blue carry 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)

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

Built-in, permanent full face mask RA-Triplex (with knuckle thread connection)

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

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

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

Nitrile-P, size 43 R 56 863

Nitrile-P, size 44 R 56 864

Nitrile-P, size 45 R 56 865

Nitrile-P, size 46/47 R 56 866

Nitrile-P, size 48 R 56 867

Nitrile-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

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ORDERING INFORMATION

OPTIONAL ACCESSORIES

	Order No.
Over gloves – resistant to chemicals (acc. EN 374) and cuts (acc. EN 388)	
TRICOTRIL® (EN374 & EN388), size 10	R 55 968
TRICOTRIL® (EN374 & EN388), size 11	R 55 966
K-MEX® Gigant (EN388), size 14	R 55 969
Ventilation system – with or without option for external air supply	
Ventilation & mounting set	R 54 544
RV PT 120L variant B1	R 56 510
RV PT 120L variant B2	R 56 512
RV PT 120L variant B3 excl. ASV	R 56 513
Automatic switch valve (ASV) for variant B3	33 54 568
RV PT 120L variant B4	R 56 511
Other accessories	
Cotton glove	R 50 972
Gastight cuffs	R 52 648
Talc 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 in T form	R 54 746
Test device: Porta Control / Testor / Quaestor III / Quaestor automatic	
Customer-specific labeling of WorkMaster pro ET (see separate brochure, Dräger No. 90 46 022)	(available on request)
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K-MEX® is a registered trademark of Kächele-Cama Latex GmbH	



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