

Dräger WorkMaster Industry Gas-Tight Suit

Particularly resistant against alkaline solutions and acids. The chemical protection suit WorkMaster Industry provides reliable protection during tank and boiler cleaning, during maintenance and repair work in narrow spaces or refineries, during chemical transports, cleanup operations and many other dangerous types of work.

Gas-tight zipper

- Runs vertically down the back
- Cover flap made from suit material with hook-and-loop fastener protects the external zipper chain

Reinforced elbows (optional)

- For activities in confined spaces and containers

Reinforced knees (optional)

- For activities in confined spaces and containers

Integrated gas-tight full face mask

- The head harness rests on the head and is protected below the suit material

Ventilation system Dräger RV PT 120 L (optional)

- A connection to a compressed air hose system, a ring line or an external air supply is possible: when connected an adjustable air flow cools the suit and reduces the humidity inside. At the same time, the system ensures the breathing air supply for longer periods of use

Gas-tight safety gloves

- Easy to replace
- Attached to the suit

Gas-tight safety boots

- Easy to replace
- Attached to the suit



ST-618-2/008

Benefits

Zipper on the reverse side

The one-piece chemical protection suit WorkMaster Industry, with gas-tight integrated full face mask, is designed for breathing apparatus to be worn over the protective suit (Type 1b) and protects against solid, liquid, aerosol and gaseous hazardous substances. An easy-to-maintain zipper on the reverse side provides secure protection against chemicals from the front and makes donning and removal easy. The zipper runs from the forehead over the head, continuing vertically down the back.

Integrated ventilation system

A ventilation system can be integrated into the protective suit in order to cool the body, divert moisture and significantly improve wearing comfort. Additionally, the suit can be connected to an external compressed air source (compressed airline system), which can increase the operating time and the time available for the decontamination.

Optional knee and elbow reinforcement

The WorkMaster Industry is made of Symex, a material with high durability, high abrasion resistance and high chemical resistance. It can be optionally ordered with reinforcements at the elbows and knees.

Good maneuverability

Using a modular design, the suit can be assembled and adjusted according to the specific operating conditions. Its fitted cut enables maximum maneuverability in various job situations.

Tool less glove exchange

The protective gloves and safety boots have a chemically tight connection with the suit. The gloves can be easily exchanged without the use of tools.

For all sizes

Four different suit sizes are available (M, L, XL, XXL). Safety boots are available in sizes 43 to 50, gloves in sizes 9, 10 and 11.

System components

D-31452-2011



Dräger PSS® BG 4 plus

Designed especially for tough missions: The Dräger PSS® BG 4 plus closed circuit breathing apparatus combines uncompromising safety with the highest level of breathing and carrying comfort. The unit supplies the wearer with up to 4 hours of breathing air, even in toxic atmospheres.

D-59562-2012



Dräger HPS® 7000

The Dräger HPS® 7000 firefighter's helmet is in a class of its own, thanks to its innovative, sporty and dynamic design, ergonomic fit and components which make it a multifunctional system solution. It provides optimum protection during every operation.

ST-6185-2007



Dräger PAS® ASV

The Dräger Automatic Switch over Valve (PAS® ASV) enables the user to connect compressed air breathing apparatus to an external air supply, such as a factory ring main, and be safe in the knowledge that if the external supply were to fail, there would be a safe and uninterrupted transition to the wearer's back-up air supply.

ST-1251-2008



Dräger RPS 3500

The Dräger RPS 3500 Rescue Pack System is designed for use by rapid intervention teams, allowing fire fighters to supply air to trapped colleagues or members of the public in hazardous atmospheres.

Accessories



Dräger PT 120 L control valve

Cooling effect on the body and additional breathing air from external sources.



Nitrile-P boots

Firefighter's boots with toecaps, provide excellent protection against penetration, cutting and abrasion. Extra comfortable, in sizes 43 to 50.



Socks with gaiters

Extra stretchy socks made from Viton®/Butyl, can be worn with the safety boots and, therefore, providing maximum wearer comfort.



Gas-tight gloves

Made from Viton® or Viton®/Butyl, in sizes 9 to 11.

Related Products

D-4598-2010



Dräger CPS 7900

Tailor-made for use under extreme conditions: The gas-tight Dräger CPS 7900 provides excellent protection against industrial chemicals, biological agents, and other toxic substances. Its innovative material qualifies the CPS 7900 equally well for work in explosive areas and for handling cryogenic substances.

D-18321-2010



Dräger CPS 7900 olive, beige

Tailor-made for use in CBRN hazard situations: The gas-tight Dräger CPS 7900 provides excellent protection against industrial chemicals, biological agents, and other hazardous substances. Its innovative material qualifies the CPS 7900 equally well for civil emergency and disaster recovery missions as well as decontamination work.

D-13068-2010



Dräger CPS 5800

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.

D-44231-2012



Dräger CPS 7800

The reusable gas-tight Dräger CPS 7800 provides excellent protection against gaseous, liquid, aerosol and solid hazardous substances even in explosive areas. Due to its innovative material and the new suit design it offers increased flexibility and comfort when entering confined spaces and working with cryogenic substances.

Related Products



D-22732-2009

Dräger CPS 5900

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.

Technical Data

Approvals:	EN 943-1:2002 type 1b SOLAS	Industrial application
Temperature:	-30 °C to 60 °C -5 °C to 25 °C	in use in storage
Weight:	Approx. 6.4 kg	without ventilation system

CHEMICAL TESTS

Chemical	permeation time (min) ¹⁾	Chemical	permeation time (min) ¹⁾
Ammonia ²⁾	> 480	Sodium hydroxide solution ²⁾	> 480
Chlorine	> 480	Sodium hydroxide (40%)	> 480

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

²⁾ Test chemicals from EN 943-1:2002

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

Ordering Information

Dräger WorkMaster Industry	Order No.
Dräger WorkMaster Industry in M, L, XL or XXL	R 29 335

Necessary equipment

Integrated, built-in full face mask with P, RA or PE connection	
Safety boots: PVC in sizes 43, 44, 45, 46, 47/48 or Nitril-P in sizes 43, 44, 45, 46/47, 48, 49/50 or gastight socks made of flexible VITON® / butyl in sizes 41-44, 43-47, 46-49	
Chemical-resistant protective gloves made of butyl, VITON® or VITON® / butyl, in sizes 9, 10, 11	

Optional accessories

Ventilation & fixing clip set, ventilation system RV PT 120 L in B1, B2, B3 or B4 variants	
K-MEX® Gigant - over glove: size 14	
TRICOTRIL® - over glove: sizes 10, 11	
Suit reinforcement at elbows and knees	
Gastight arm cuffs	
CSA hanger, in T form	
Cotton gloves	
Talc bag, grease pencils (2x) for closure system	
Protective bag, transport box or transport bag	
Customer-specific labeling of WorkMaster Industry (see separate brochure, Dräger No. 90 46 022)	(available upon request)

VITON® is a registered trademark of the company DUPONT DOWELASTOMERS

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

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

Notes

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