

TECHNICAL DATA SHEET

info@deffner-johann.de | +49 9723 9350-0

Die in diesem Produktdatenblatt genannten Spezifikationen dienen nur zur Produktbeschreibung und beziehen sich auf den Zeitpunkt unmittelbar nach der Produktion bzw. Import des Produktes. Sie entsprechen den Angaben des Herstellers. Eine rechtsverbindliche Zusicherung bestimmter Eigenschaften oder der Eignung für einen bestimmten Einsatzzweck kann hieraus nicht abgeleitet werden. Durch unsachgemäßen Transport und / oder unsachgemäße Lagerung können sich Änderungen ergeben. Die Angaben in diesem Produktdatenblatt entbinden den Verarbeiter nicht von eigener Prüfung der Eigenschaften des Produktes und dessen Eignung für die vorgesehene Verwendung.

Dräger X-plore® 1700 Dust Masks

Breathe cool, stay safe: Dräger X-plore® 1700 makes breathing easy and comfortable. The CoolSAFE filter material ideally combines low breathing resistance and high filter performance in one mask. And the CoolMAX valve efficiently releases humid and warm exhaled air to the outside. This makes breathing particularly easy and keeps you cool under the mask.

CoolSAFE™ filter material

Performance that makes a difference: CoolSAFE™ filter material produced from high-performance filter media ideally combines low breathing resistance and high filter performance in one mask. In addition, the dolomite dust testing requirements are achieved.

Flexible nose clip

Ensures a great fit, in the most critical area.

Soft inner layer

Comfortable to wear: the inner material layer is not only soft and hypoallergenic, but also repels moisture thanks to its hydrophobic properties, keeping breathing resistance constantly low, when used for longer periods of time.

Hygienic individual packaging

Each facepiece is individually packed and sealed in a plastic bag, ensuring it stays clean and hygienic.

VarioFLEX™ head harness

This continuous loop head harness is constructed from a stable, elastic, textile strap which is easy to don and doff while ensuring a comfortable fit. The soft, tearproof elastic can easily be adjusted to fit various sizes of head and prevents hair entanglement.

CoolMAX™ exhalation valve (optional)

Breathe easy and comfortably: thanks to an extremely low breathing resistance. Additionally, the specially engineered CoolMAX™ exhalation valve releases humid and warm exhaled air, preventing heat build-up underneath the mask, allowing you to stay cool.



ST-8679-2007

Folded form

All Dräger X-plore® 1700s are flat-folded, saving space and making them easier to transport.

Benefits

Folded disposable dust mask

- flat-folded mask for space-saving storage and easy transport
 - available in all three EN protection classes (FFP1=dark blue, FFP2=light blue, FFP3=white)
-

Effective protection against particles

Dräger X-plore® 1700 offers effective protection against fine dust as well as solid and liquid particles that are present in industry, mining, specialized trades, agriculture and services. The portfolio range offers masks for all three EN protection classes FFP1, FFP2 and FFP3 in accordance with EN 149:2001. Odour stopping versions utilize an additional activated carbon layer inside against unpleasant odours.

In addition, the FFP2 (after own risk assessment) and FFP3 models can be used against airborne biological agents such as certain viruses or bacteria (see DGUV R 112-190; if necessary, observe deviating national regulations).

CoolSAFE filter material

The specially developed CoolSAFE filter material combines various high-performance filter media to achieve an excellent filter performance. Coarse and fine particles are effectively stopped in the various filter layers. At the same time, the breathing resistance remains very low, allowing the user to work easily and without tiring for longer periods. In addition, the face pieces were subjected to the increased requirements of the (optional) dolomite dust test. Their resistance to clogging under high exposure to dust was successfully tested. During activities with high exposure to dust (e.g. mining), this gives the face pieces a longer service life and reduces costs for the user, while maintaining a high degree of wearing comfort.

CoolMAX exhalation valve (optional)

Easy and comfortable breathing: Thanks to a very low breathing resistance, it is particularly easy to breathe. Additionally, the specially engineered CoolMAX exhalation valve releases humid and warm exhaled air, preventing heat build-up underneath the mask, allowing you to stay cool.

VarioFLEX head harness

This continuous loop head harness is constructed from a stable, elastic textile strap which is easy to don and doff while sitting comfortably and pressure-free. The soft, tear-proof elastic easily stretches to fit various head sizes and prevents hair entanglement.

Secure seal

Alongside the material's filter performance, a secure seal without leakage is decisive in how effective the mask's protection really is. Dräger X-plore 1700's ergonomic form and soft material fits well to the face. In addition, the nose pad and nose clip effectively holds the mask in place in the critical areas around the nose. Fits, sits, and seals securely.

Benefits

Color coding for fast recognition of protection level

Fast recognition without confusion: The color coding in dark blue (FFP1), light blue (FFP2) or white (FFP3) for the three protection levels provides greater security when selecting the right mask.

Folded form and hygienic individual packaging

All Dräger X-plore 1700s are flat-folded, saving space and making them easier to transport. Each facepiece is individually packed in a plastic bag, ensuring it stays clean and hygienic.

Comfortable to wear

The inside fleece is soft and hypo-allergenic, and repels moisture thanks to its hydrophobic properties. This keeps breathing resistance low and comfort high, especially when used for longer periods of time.

Details



ST-8665-8674-8677-2007

Color coding for fast recognition of protection classes



ST-8665-2007

Nose pad for safe sealing around the nose



ST-14196-2007

Activated carbon layer against nuisance odours

Details



Breathe easier with the CoolMAX™ exhalation valve

Related Products



Dräger X-plore® 1300

The Dräger X-plore® 1300 combines proven and reliable respiratory protection with intelligent new ideas ensuring a high level of comfort and ease of use.



Dräger X-plore® 1700+

Hardly noticeable breathing resistance thanks to the specially developed CoolSAFE+ filter material: The Dräger X-plore® 1700+ particle filtering face pieces provide optimum breathing comfort through minimum breathing resistance.

Related Products

D-16766-2018



Dräger X-plore® 1900

Dräger X-plore® 1900 is a high-performance, single-use dust mask for protection against fine dust and particles. The premium particle filtering mask is available in two sizes, combining ease of use, exceptional comfort and optimal fit. For the highest degree of safety – even for people wearing spectacles.

ST-1762-2005



Dräger X-plore® 2100

The Dräger X-plore® 2100 is the reusable alternative to disposable dust masks. The X-plore® 2100 is the ideal solution for people working frequently in dusty environments. Its replaceable filters provide protection against solid and liquid particles. This half mask offers the perfect combination of comfort, safety and cost-effectiveness.

Technical Data

Dräger X-plore® 1700

Filter material	CoolSAFE for protection against solid and liquid non-volatile particles
Odour versions	With additional activated carbon layer against nuisance organic odours below the limit value
Approvals	All versions meet the conditions of the EU guideline 2016/425 and are approved as particle filtering half masks in accordance to the requirements of the EN 149:2001+A1:2009. Australian Standard AS/NZS 1716:2012 certified (SAI Global)
Marking D	Successfully passed the dolomite dust test against clogging
Marking NR	The mask can only be used for a maximum of one work shift

INFORMATION ON USAGE

Protection class	Multiple ¹ of limit value ²	Fields of application and restrictions on use
FFP1	4	Against solid and liquid particles, however not against carcinogenic and radioactive materials, airborne biological substances from risk groups 2 and 3, and enzymes ³
FFP2	10	Against solid and liquid particles, however not against radioactive materials, airborne biological substances from risk group 3, and enzymes ³
FFP3	30 ⁴	Against solid and liquid particles, and also against radioactive materials, airborne biological substances from risk group 3, and enzymes ³ Not approved in Australia.

¹ in accordance with EN 529:2005, amendments by national regulations are possible

² maximum permitted concentration of harmful substances specified by country

³ if necessary, strict observance of differing national regulations

⁴ UK: 20

APPLICATION INFORMATION

Activity	Type of particles	Filter class
Woodworking		
Sanding – hardwood, softwood	Fine particles, wood dust	FFP2
Woodcutting – hardwood, softwood	Fine particles, wood dust	FFP2
Wood staining (stain containing copper or chrome)	Fine paint mists	FFP3
Paint removal	Fine paint particles	FFP2
Paint removal, (paints containing chrome)	Fine paint particles	FFP3
Sanding/Grinding		
Rust/corrosion removal	Rust/corrosion and metal dust	FFP2
Masonry/concrete	Stone dust	FFP2
Hard- and softwood	Wood dust	FFP2
Synthetics/Plastics	Synthetic dust	FFP2
Painting	Paint particles	FFP2
Painting, (paints containing chrome)	Paint particles	FFP3

Technical Data

Iron/steel	Metalurgical dust	FFP2
Stainless steel	Metalurgical dust	FFP3
Adhesive removal	Fine dust	FFP2

Construction and mining

Painting with watersoluble paints	Large paint particles	FFP2
Sprayable varnish	Paint mists	FFP2
Demolition	General dust	FFP2
Foundation setting	Concrete dust	FFP1
Concrete handling	Concrete dust	FFP1
Concrete pouring	Fine plaster dust	FFP2
Woodworking	Wood dust – soft and hard	FFP2
Insulation installation	Dust and fibres	FFP1
Roofing and tiling	Roof and tile dust	FFP2
Mining	Fine stone dust	FFP2

Metal processing

Zinc*	Zinc/general metalurgical fumes	FFP3
Aluminium*	Aluminiumoxide fumes	FFP3
Stainless steel*	Metal oxide fumes	FFP3
Manual arc welding*	Sparks, fumes	FFP3
Laser welding*	Sparks, fumes	FFP3
Hard soldering	Fumes	FFP2 Odour
Drilling	Metalurgical dust	FFP1
Sawing	Metalurgical dust	FFP1

*Welding: For concentrations of harmful gases (e.g. O₃, NO_x) below limit values.

Waste disposal

Waste disposal	Dust	FFP3
Cleaning tasks in low-level dust environments	Dust (non-toxic)	FFP2 Odour
Sweeping grounds	Dust (non-toxic)	FFP2 Odour
Disposal of waste and sewage	Bacteria/funghi	FFP2 Odour
Disposal of medical waste	Bacteria/virus	FFP3

This guide does not release the user from the obligation to comply with national applications and laws, for example the DGUV R 112-190 in Germany. Please read the instruction manual provided with the products.

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

REGION EUROPE

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Singapore Pte. Ltd.
61 Science Park Road
The Galen #04-01
Singapore 117525
Tel: +65 6872 9288
Fax: +65 6259 0398
asia.pacific@draeger.com

**REGION CENTRAL
AND SOUTH AMERICA**

Dräger Indústria e Comércio Ltda.
Al. Pucurui - 51 - Tamboré
06406-100 - Barueri - SP
Tel. +55 (11) 4689-4900
relacionamento@draeger.com

Locate your Regional Sales
Representative at:
www.draeger.com/contact

