

deffner & Johann

Supplies for RESTORATION | CONSERVATION | ART HANDLING – SINCE 1880

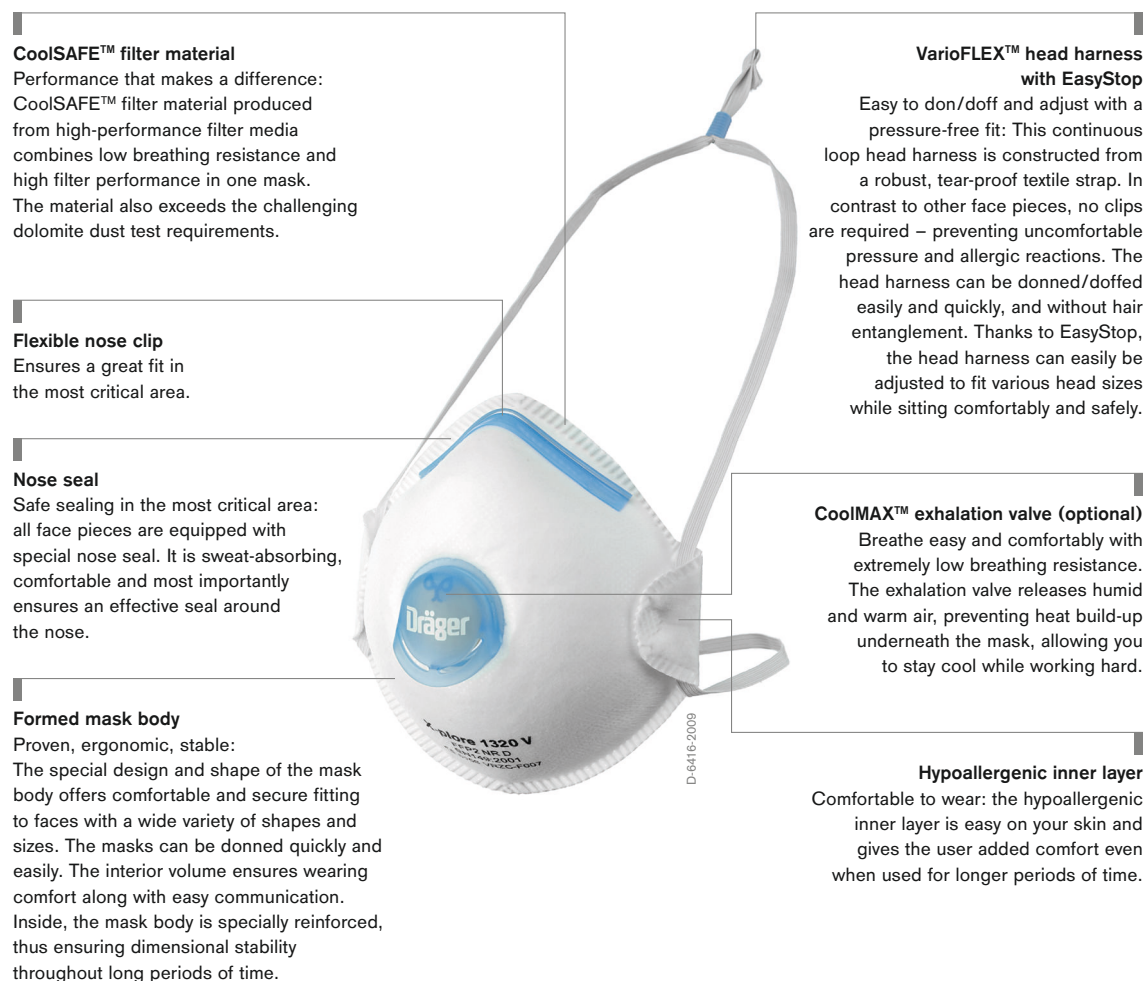
TECHNICAL DATA SHEET

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Dräger X-plore® 1300 Particle Filtering Face Piece

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.



CoolSAFE™ filter material
Performance that makes a difference: CoolSAFE™ filter material produced from high-performance filter media combines low breathing resistance and high filter performance in one mask. The material also exceeds the challenging dolomite dust test requirements.

Flexible nose clip
Ensures a great fit in the most critical area.

Nose seal
Safe sealing in the most critical area: all face pieces are equipped with special nose seal. It is sweat-absorbing, comfortable and most importantly ensures an effective seal around the nose.

Formed mask body
Proven, ergonomic, stable: The special design and shape of the mask body offers comfortable and secure fitting to faces with a wide variety of shapes and sizes. The masks can be donned quickly and easily. The interior volume ensures wearing comfort along with easy communication. Inside, the mask body is specially reinforced, thus ensuring dimensional stability throughout long periods of time.

VarioFLEX™ head harness with EasyStop
Easy to don/doff and adjust with a pressure-free fit: This continuous loop head harness is constructed from a robust, tear-proof textile strap. In contrast to other face pieces, no clips are required – preventing uncomfortable pressure and allergic reactions. The head harness can be donned/doffed easily and quickly, and without hair entanglement. Thanks to EasyStop, the head harness can easily be adjusted to fit various head sizes while sitting comfortably and safely.

CoolIMAX™ exhalation valve (optional)
Breathe easy and comfortably with extremely low breathing resistance. The exhalation valve releases humid and warm air, preventing heat build-up underneath the mask, allowing you to stay cool while working hard.

Hypoallergenic inner layer
Comfortable to wear: the hypoallergenic inner layer is easy on your skin and gives the user added comfort even when used for longer periods of time.

Benefits

Efficient particle protection

Dräger X-plore 1300 is the new generation of pre-formed particle filtering face pieces for effective protection against fine dust as well as solid and liquid particles. For use in applications where exposure to dust is unavoidable the X-plore 1300 is available in all three EN protection classes FFP1, FFP2 and FFP3. Odour stopping versions equipped with an activated carbon layer are ideal for users that battle with unpleasant nuisance odours.

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.

VarioFLEX™ head harness with EasyStop

Easy to don/doff and adjust with a pressure-free fit. The continuous-looped tear-proof textile strap eliminates the need for clips – preventing uncomfortable pressure and allergic reactions. EasyStop allows the wearer to individually adjust the harness as required, while ensuring ease of use and a secure, comfortable seal. Experience ultimate comfort with the extra-wide slip-proof harness of the Dräger X-plore 1330.

CoolMAX™ exhalation valve (optional)

Small details, big effect: Breathe easy and comfortably, thanks to the extremely low breathing resistance. The valve directs humid and warm exhaled air away from the user and out of the mask – preventing heat build-up and keeping them cool.

A secure seal

Alongside the filter performance, a secure seal, without leakage, is decisive in how effective the masks' protection really is. The X-plore 1300 is the ideal combination of an ergonomic mask body combined with an integrated nose seal and nose clip. This gives the wearer a tailor-made fit and a secure seal. Additionally, the good seal keeps safety glasses from fogging.

Colour coding for fast recognition of the protection class

Fast recognition without confusion: the colour coded nose clip and valve classify the three EN protection levels dark-blue (FFP1), light-blue (FFP2) and white (FFP3). Providing easy recognition when selecting the right mask.

Benefits

Special features of X-plore 1330

- Practical and comfortable: The VarioFLEX™ head harness with a four-point adjustment and extra-wide textile straps ensures the best possible fit.
- Quick and easy to use: The straps are arranged for fast donning. An integrated safeguard prevents straps from slipping out of place.
- Secure and comfortable: Integrated, all-around comfort sealing.
- Clean and hygienic: Each face piece is individually packaged in its own plastic bag.
- Individually adjustable: Available in two different sizes S/M and M/L – the right size for different face shapes.

Details



D-23857-2016

Colour coding for fast recognition of protection class



D-6417-2009

Activated carbon layer against nuisance odours



D-23858-2016

Effective seal without leakage



D-6414-2009

Breathe easier with the CoolMAX™ exhalation valve



D-6424-2009

X-plore 1330 with special features

Technical Data

Dräger X-plore® 1300

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 89/686/EWG and are permitted as particle filtering half masks in accordance to the increased requirements of the revision of EN 149:2001+A1:2009 (test of filter performance for aerosol exposure with 120 mg paraffin oil). 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

Technical Data

Painting, (paints containing chrome)	Paint particles	FFP3
Iron/steel	Metalurgical dust	FFP2
Stainless steel	Metalurgical dust	FFP3
Adhesive removal	Fine dust	FFP2

Construction and mining

Painting with water-soluble 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

Metal processing

Zinc*	Zinc/general metalurgical fumes	FFP3 Odour
Aluminium*	Aluminiumoxide fumes	FFP3 Odour
Stainless steel*	Metal oxide fumes	FFP3 Odour
Manual arc welding*	Sparks, fumes	FFP3 Odour
Laser welding	Sparks, fumes	FFP3 Odour
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 Odour
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 Odour

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

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