



Technical Datasheet

Dräger X-plore 8000

Standard hoods (Short & Long)

1. General Data

1.1	Manufacturer	Dräger Safety AG & Co. KGaA Revalstraße 1, D – 23 560 Luebeck, Germany
1.2	Designation	Dräger X-plore 8000 Standard hood
1.3	Dräger part no.	
	R59800	Dräger X-plore 8000 Standard hood short (S/M)
	R59810	Dräger X-plore 8000 Standard hood short (L/XL)
	R59820	Dräger X-plore 8000 Standard hood long (S/M)
	R59830	Dräger X-plore 8000 Standard hood long (L/XL)
1.4	GTIN / EAN	
	R59800	04026056008711
	R59810	04026056008742
	R59820	04026056008759
	R59830	04026056008766
1.5	Intended use	The X-plore® 8000 standard hood serves as a facepiece for the use with the Powered Air-Purifying Respirator Dräger X-plore® 8000 and the Airline System Dräger X-plore® 9300.
1.6	Functional description	The Dräger X-plore® 8000 hood provides breathing air supplied via the respirator. Breathing air is supplied through a breathing hose at the back of the hood. The breathing air flows from the back over the wearer's head to the inhalation area. The resulting overpressure prevents polluted ambient air from penetrating.
1.7.	Approvals	Approved in combination with Dräger X-plore 8000 (please see technical data sheet Dräger X-plore 8500 and Dräger X-plore 8700) Approved in combination with Dräger X-plore 9300 (please see technical data sheet Dräger X-plore 9300)
	Respiratory Protection	EN 12941 TH3
	Eye protection	EN 166:2002; Marking: 1 F 3
1.8.	Use due to electrostatic properties (measured according to IEC/TS 60079-32-1*)	The tests and evaluations were carried out by DEKRA Exam GmbH, specialist for explosion protection, mining test track. The results given were achieved with the protective foil (R59863) attached. The protective foil must be applied or removed outside the potentially explosive atmosphere.

Standard hood short		Standard hood long	
Potentially explosive area (zone)	Explosion group	Potentially explosive area (zone)	Explosion group
Zone 20, 21, 22	IIIA, IIIB, IIIC	Zone 20, 21, 22	IIIA, IIIB, IIIC
Zone 0	IIA	Zone 0	-
Zone 1, 2	IIA, IIB, IIC	Zone 1, 2	-

2. Technical Data

2.1	Materials	
	Visor	PC (Polycarbonat)
	Hood	PP (Polypropylene) / PE (Polyethylene)
	Protective cover	PET (Polyethylene terephthalate)
	Additional information	Latex-free
2.2	Head circumference	
	Size S/M	52 cm to 59 cm
	Size L/XL	57 cm to 64 cm
2.3	Colour	White
2.4	Weight	
	Short hood	Approx. 145 g
	Long hood	Approx. 205 g
2.5	Operating temperature	-10 °C to 60 °C
2.6	Storage temperature	-20 °C to 60 °C
2.7	Operating / storage humidity	≤ 95 % relative humidity

3. Documentation

3.1	Labelling	The label contains the following information: - Approval markings - CE-mark - UKCA-mark - Symbol "Follow the instructions for use", "Storage conditions" - Manufacturer - Country of production ("Made in China") - Date of manufacture - Part number - Batch number
3.2	Instructions for use	Each packaging unit contain instructions for use in the following languages: English, German, French, Spanish, Italian, Dutch, Danish, Polish The instructions for use for the following languages are available online: Bulgarian, Chinese, Estonian, Finnish, Greek, Japanese, Korean, Croatian, Hungarian, Latvian, Lithuanian, Norwegian, Portuguese, Romanian, Russian, Swedish, Slovak, Slovenian, Serbian, Thai, Czech, Turkish

4. Other

4.1.	User instructions and restrictions	The devices conform to the minimum requirements of the standard indicated by the class and type of the filter it is marked with. It must be noted that laboratory values can differ from those measured in practice. This may result in longer or shorter breakthrough times. The user must read and understand the instructions for use. Additionally, the knowledge of all relevant application rules is mandatory (see in particular, the restrictions on the use of filtering devices). Further information upon request.
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5. Overview Combination matrix

Product data		Combination matrix			
Part number	Description	X-plore 8300 Universal 3732600	X-plore 8300 (Mask 160 l/min) 3732605	X-plore 8500 (IP) R59500	X-plore 8700 (EX) R59550
Standard hoods					
R59800	X-plore 8000 Standard hood, short (S/M)	✓	✗	✓	✓
R59810	X-plore 8000 Standard hood, short (L/XL)	✓	✗	✓	✓
R59820	X-plore 8000 Standard hood, long (S/M)	✓	✗	✓	✗
R59830	X-plore 8000 Standard hood, long (L/XL)	✓	✗	✓	✗

6. Overview TH Respiratory protection classes

Product data		Combination matrix			
Part number	Description	X-plore 8300 Universal 3732600	X-plore 8300 (Mask 160 l/min) 3732605	X-plore 8500 (IP) R59500	X-plore 8700 (EX) R59550
Standard hoods					
R59800	X-plore 8000 Standard hood, short (S/M)	TH3	—	TH3	TH3
R59810	X-plore 8000 Standard hood, short (L/XL)	TH3	—	TH3	TH3
R59820	X-plore 8000 Standard hood, long (S/M)	TH3	—	TH3	—
R59830	X-plore 8000 Standard hood, long (L/XL)	TH3	—	TH3	—

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