



# Technical Datasheet

## Dräger X-plore 8000

### Premium hoods (Short & Long)

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## 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 Premium hood
1.3	Dräger part no.	
	R59840	Dräger X-plore 8000 Premium hood short (S/M)
	R59850	Dräger X-plore 8000 Premium hood short (L/XL)
	R59860	Dräger X-plore 8000 Premium hood long (S/M)
	R59870	Dräger X-plore 8000 Premium hood long (L/XL)
1.4	GTIN / EAN	
	R59840	04026056010547
	R59850	04026056010554
	R59860	04026056010561
	R59870	04026056010578
1.5	Intended use	The X-plore® 8000 premium 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.

		Premium hood short		Premium 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, IIB	Zone 0	IIA
		Zone 1, 2	IIA, IIB, IIC	Zone 1, 2	IIA, IIB

## 2. Technical Data

2.1	Materials	
	Visor	PC (Polycarbonat)
	Hood	PA (Polyamide), PU-coated (Polyurethane)
	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	Grey
2.4	Weight	
	Short hood	Approx. 200 g
	Long hood	Approx. 390 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

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3.1	Labelling	<p><b>The label contains the following information:</b></p> <ul style="list-style-type: none"><li>- Approval markings</li><li>- CE-mark</li><li>- UKCA-mark</li><li>- Symbol "Follow the instructions for use", "Storage conditions"</li><li>- Manufacturer</li><li>- Country of production ("Made in China")</li><li>- Date of manufacture</li><li>- Part number</li><li>- Batch number</li></ul>
3.2	Instructions for use	<p><b>Each packaging unit contain instructions for use in the following languages:</b></p> <p>English, German, French, Spanish, Italian, Dutch, Danish, Polish</p> <p><b>The instructions for use for the following languages are available online:</b></p> <p>Bulgarian, Chinese, Estonian, Finnish, Greek, Japanese, Korean, Croatian, Hungarian, Latvian, Lithuanian, Norwegian, Portuguese, Romanian, Russian, Swedish, Slovak, Slovenian, Serbian, Thai, Czech, Turkish</p>

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## 4. Other

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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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