

# Technical Data Sheet

## Dräger X-plore® 8000 Premium Hood

1.0 General Data						
1.1	Manufacturer	Dräger Safety AG & Co. KGaA				
1.2	Designation	Dräger X-plore 8000 Premium hood				
		short (S/M)	short (L/XL)	long (S/M)	long (L/XL)	
1.3	Dräger part number	R59840	R59850	R59860	R59870	
		GTIN-Code	04026056010547	04026056010554	04026056010561	04026056010578
1.4	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.				
1.5	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.				
1.6	Relevant Standards	EN 166:2002; Marking: 1 F 3				
		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)				
1.8	Use due to electrostatic properties (measured according to IEC/TS 60079-32-1*)	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	
* 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.						
2.0 Technical Data						
2.1	Material	Visor:	PC			
		Hood:	PA, PU-coated			
		Protective cover:	PET			
		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	Weight	Short hood:	approx. 200 g			
		Long Hood:	approx. 390 g			
2.4	Operating temperature	-10 °C to 60 °C				
2.5	Storage temperature	-20 °C to 60 °C				
2.6	Operating / storage humidity	≤ 95 % relative humidity				
3.0 Documentation						
3.1	Marking	Tag includes the following information:				
		<ul style="list-style-type: none"> <li>- Approval marking ("EN 12941 - TH3, 1F 3 - EN 166" resp. "EN 14594")</li> <li>- CE-marking ("CE 0158")</li> <li>- Symbol "Follow instructions for use"</li> <li>- Manufacturer ("Dräger")</li> <li>- Country of production ("Made in China")</li> <li>- Part number</li> <li>- Serial number</li> <li>- Size ("S/M" or "L/XL")</li> </ul>				
3.2	Instructions for use	Each packaging unit contains an IFU in the following languages: English, German, French, Spanish, Portuguese, Italian, Dutch, Danish, Finnish, Norwegian, Swedish, Polish, Russian, Croatian, Hungarian, Slovenian, Slovakian, Czech, Bulgarian, Romanian, Turkish, Chinese				
4.0 User notes and limitations						
		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.				