



# Technical Datasheet

## Dräger X-plore 8000

### Helmet for hood

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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 Helmet for hood
1.3	Dräger part no.	
	3710800	Dräger X-plore 8000 Helmet for hood
	3710776	Dräger X-plore 8000 Hood for helmet, T2
	3710774	Dräger X-plore 8000 Hood for helmet, T4
1.4	GTIN / EAN	
	3710800	04048675666639
	3710776	04048675670209
	3710774	04048675670193
1.5	Intended use	The Dräger X-plore® helmet for hood is used with the Tychem 2000 / 4000 hood as a breathing connection for use with the Dräger X-plore 8000 powered air purifying respirator system.
1.6	Functional description	The Dräger X-plore® 8000 helmet for hood is used together with a Tychem 2000 or 4000 hood. The helmet absorbs the energy of an impact through the partial destruction or damage of the helmet shell. The visor protects the face from solid and liquid particles. The collar of the hood is attached to the neck. An air duct is integrated in the helmet. When a powered air purifying respirator or an air-line system is connected, the filtered air is passed through the air duct to the user's face. The resulting overpressure counteracts the penetration of air containing pollutants.
1.7.	Approvals	Approved in combination with Dräger X-plore 8000 (see technical data sheet Dräger X-plore 8500 and Dräger X-plore 8700)
		Approved in combination with Dräger X-plore 9300 (see technical data sheet Dräger X-plore X-plore 9300)
		AS/NZS 1716:2012
	Respiratory Protection	EN 12941 TH3
	Eye protection	EN 166:2001 2 F 3 (PETG-Visor hood) and AS/NZS 1801
	Head protection	EN 397:2012+A1:2012 LD -30°C and ANSI/ISEA Z89.1 Type 1, Class G
	Protection classes according to EN 1454	4A/3B

1.8. Use due to electrostatic properties	<b>Combination without protective foil</b>		<b>combination with protective foil</b>	
	Explosive area (Zone)	Explosion group	Explosive area (Zone)	Explosion group
	Zone 20, 21, 22	IIIA, IIIB, IIIC	Zone 20, 21, 22	IIIA, IIIB, IIIC
	Zone 0	IIA	Zone 0	IIA, IIB
	Zone 1, 2	IIA	Zone 1, 2	IIA, IIB

## 2. Technical Data

### 2.1 Materials

#### 2.2 Helmet for hood

Helmet	PA (Polyamide)
Frame	PA
Sweatband	Foam
Comfortpad	EVA (Ethylene vinyl acetate)
Shock protection	PS (Polystyrene) Foam
Headband	PE (Polyethylene)

#### 2.3 Hood T2

Material	Tychem 2000
Visor	PETG (Polyethylene terephthalate, modified with glycol)
Neck seal	Cotton

#### 2.4 Hood T4

Material	Tychem 4000
Visor	PETG
Neck seal	Cotton

2.3 Size	30 x 23cm
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2.4 Head circumference	52 to 60,6cm
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2.5 Weight	<b>Helmet + T2 Hood: 810 g; Helmet + T4 Hood: 900 g</b>
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2.5 Colour	Grey and Tychem-Series: white
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2.6 Working temperature	-5 °C to 50 °C
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2.7 Storage temperature	-10 °C to 45 °C
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2.8	Working- / sotrage air humidity	< 90 % relative humidity
2.9	Durability	8 years from the date of manufacture (max. 5 years storage life, 3 years period of use)

### 3. Documentation

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 USA")</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>

### 4. Other

4.1.	User instructions and restrictions	<p>The product meets the minimum requirements according to the standard according to the specified class and type (see labeling). It should be noted that laboratory test values may differ significantly from those achieved in practice. This may lead to longer or shorter durability. The user must read and understand all package leaflets. In addition, knowledge of all relevant application rules is absolutely necessary (especially the usage restrictions for filter devices). Further information are available upon request.</p>
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## 5. Overview Combination matrix

Product data		Combination matrix			
Part number	Description	X-plore 8300 Universal <b>3732600</b>	X-plore 8300 (Mask 160 l/min) <b>3732605</b>	X-plore 8500 (IP) <b>R59500</b>	X-plore 8700 (EX) <b>R59550</b>
<b>Helmet for hood</b>					
3710800	X-plore 8000 Helmet for hood	✓	✗	✓	✓
<b>Hoods for helmet</b>					
3710774	X-plore 8000 Hood for helmet, T4	✓	✗	✓	✓
3710776	X-plore 8000 Hood for helmet, T2	✓	✗	✓	✓

## 6. Overview TH Respiratory protection classes

Product data		Combination matrix			
Part number	Description	X-plore 8300 Universal <b>3732600</b>	X-plore 8300 (Mask 160 l/min) <b>3732605</b>	X-plore 8500 (IP) <b>R59500</b>	X-plore 8700 (EX) <b>R59550</b>
<b>Helmet for hood</b>					
3710800	X-plore 8000 Helmet for hood	TH3	—	TH3	TH3
<b>Hoods for helmet</b>					
3710774	X-plore 8000 Hood for helmet, T4	TH3	—	TH3	TH3
3710776	X-plore 8000 Hood for helmet, T2	TH3	—	TH3	TH3

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