



# Technical Datasheet

## Dräger X-plore 8000

### Bump cap 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 Bump cap for hood
1.3	Dräger part no.	
	3710805	Dräger X-plore 8000 Bump cap 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	04048675666646
	3710776	04048675670209
	3710774	04048675670193
1.5	Intended use	The Dräger X-plore® 8000 bump cap for hood is used together 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 bump cap for hood is used together with a Tychem 2000 or 4000 hood. 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 impact cap. 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)
	Head protection	EN 812:2012
	Protection classes according to EN 14594	Class 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	
2.1.1	<b>Bump cap for hood</b>	
	Bump cap	PA (Polyamide)
	Frame	PA
	Sweatband	Foam
	Comfortpad	EVA (Ethylene-vinyl acetate)
	Shock protection	PS (Polystyrene) foam
	Headband	PE (Polyethylene)
2.1.2	<b>Hood T2</b>	
	Material	Tychem 2000
	Visor	PETG (Polyethylene terephthalate, modified with glycol)
	Neck seal	Cotton
2.1.3	<b>Hood T4</b>	
	Material	Tychem 4000
	Visor	PETG
	Neck seal	Cotton
2.2	Size	30 x 23cm
2.3	Head circumference	52 to 60,6cm
2.4	Weight	<b>Bump cap + T2 Hood: 695 g; Bump cap + T4 Hood: 785 g</b>
2.5	Colour	Grey and Tychem-Series: white
2.6	Working temperature	-5 °C to 50 °C
2.7	Storage temperature	-10 °C to 45 °C

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 ("CE 0158")</li> <li>- UKCA-mark ("UKCA 0086")</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>Bump cap for hoods</b>					
3710805	X-plore 8000 Bump cap for hood	TH3	—	TH3	TH3
<b>Hoods hfor bump cap and 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>Bump cap for hoods</b>					
3710805	X-plore 8000 Bump cap for hood	TH3	—	TH3	TH3
<b>Hoods hfor bump cap and 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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