



Technical Datasheet

Dräger X-plore 8000

Helmet for hood

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 14594	4A/3B

1.8.	Use due to electrostatic properties	Combination without protective foil		combination with protective foil	
		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
2.4	Head circumference	52 to 60,6cm
2.5	Weight	Helmet + T2 Hood: 810 g; Helmet + T4 Hood: 900 g
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
2.9	Durability	5 years

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 USA")
 - Date of manufacture
 - Part number
 - Batch number
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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 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.
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