

Technical Datasheet

Dräger X-plore® 8000

Helmet for hood

1.0 General Data:					
1.1	Manufacturer	Dräger Safety AG & Co. KGaA			
1.2	Description	Dräger X-plore 8000 Helmet for hood	Hood Tychem 2000 Hood Tychem 4000		
1.3	Dräger Partnumber	3710800	3710776 3710774		
1.4	GTIN-Code	0404867566639	04048675670209 04048675670193		
1.5	Purpose of 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	Function 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)			
	Approval respiratory protection Approval head protection	EN 12941			
		EN 397:2012+A1:2012 LD -30°C			
	Approval eye protection	ANSI/ISEA Z89.1 Typ 1, Class G (AS/NZS 1801) EN 166:2001 2 F 3 (PETG-Visor) (AS/NZS 1387)			
1.8	Use due to electrostatic properties	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
without protective foil					
2.0 Technical Data:					
2.1	Materials	Helmet:	PA		
		Frame:	PA		
		Comfortpad:	EVA		
		Shock protection:	PS foam		
		Sweatband:	foam		
		headband:	PE		
		Tychem 2000		Tychem 4000	
		Visor:	PETG	Visor:	PETG
		Hood:	Tychem 2000	Hood:	Tychem 2000
		Neck seal:	Cotton	Neck seal:	Cotton
2.2	Size	30 x 23cm			
2.3	Head circumference	52 to 60,6cm			
2.4	Weight	Tychem 2000			
		810g	Tychem 4000 900g		
2.5	Colour	grey und Tychem-Series: white			
2.6	Temperature range	-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	5 years			
3.0 Documentation					

3.1 Labeling	<p>The label contains the following information:</p> <ul style="list-style-type: none"> - Approval marking ("EN 12941 - TH3 bzw. EN 14594 Class 4A/3B"; EN 397 LD -30 °C; ANSI/ISEA Z89.1 Typ 1, Klasse G; EN 166 2 F3) - CE-mark ("CE 0158") - UKCA-mark ("UKCA 0086") - Symbol "Follow the instructions for use", "Storage conditions" - Manufacturer ("Dräger" and "UK Importer Draeger Safety UK") - Country of production ("Made in USA") - Date of manufacture - Partnumber - Batchnumber - Size: Scope 52-60,6cm - Material: PA66 - Note: In case of damage, the face shield / protective visor must be replaced in order to guarantee head protection
3.2 Instructions for use	<p>Each packaging unit contain instructions for use in the following languages: englisch, german, french, Spanish, Italian, Dutch, Danisch, Polish</p> <p>The instructions for use for the following languages are available online: Bulgarian, Chinese, Estonian, Finnisch, Greek, Japanese, Korean, Croatian, Hungarian, Latvian, Lithuanian, Norwegian, Portuguese, Romanian, Russian, Swedish, Slovak, Slovenian, Serbian, Thai, Czech, Turkish</p>
4.0 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>