

# Technical Datasheet

## Dräger X-plore 8000

### Helmet PC visor L1Z, L2Z, L3Z, L2T2, L3T4

| 1.0 General data:                       |   |   |   |   |   |      |             |
|---|---|---|---|---|---|------|-------------|
| 1.1 Manufacturer                        | Dräger Safety AG & Co. KGaA   |   |   |   |   |      |             |
| 1.2 Description                         | Dräger X-plore 8000 Helmet PC visor   |   |   |   |   |      |             |
|   | L1Z   | L2Z   | L3Z   | L2T2  | L3T4  |      |             |
|   | foldable, with chin seal (L1) made of Zytec® FR (Z)   | foldable, with neck seal (L2) made of Zytec® FR (Z) | foldable, with shoulder seal (L3) made of Zytec® FR (Z) | foldable, with neck seal (L2) made of Dupont™ Tychem® 2000 (T2) | foldable, with shoulder seal (L3) made of Dupont™ Tychem® 4000 (T4) |      |             |
| 1.3 Dräger Partnumber                   | 3710775   | 3710780   | 3710785   | 3710790   | 3710795   |      |             |
| 1.4 GTIN-Code                           | 04048675667766  | 04048675666653                                      | 04048675666660  | 04048675666677  | 04048675666684  |      |             |
| 1.5 Purpose of use                      | The Dräger X-plore® 8000 Helmet PC visor L1Z, L2Z, L3Z, L2T2, L3T4 serves as a breathing connection for use with the Dräger X-plore® 8000 powered air purifying respirator system and the Dräger X-plore® 9300 air-line system.   |   |   |   |   |      |             |
| 1.6 Function description                | The Dräger X-plore 8000 Helmet PC visor L1Z, L2Z, L3Z, L2T2, L3T4 provides breathing air supplied via the respirator. Breathing air is supplied by a breathing hose on the back of the helmet with visor. The breathing air flows from the back over the head of the wearer to the inhalation area. 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   | EN12941   |   |   |   |      |             |
|   | Approval head protection  | EN 397 LD -30 °C MM 440 V a.c.                      |   |   |   |      |             |
|   | Approval eye protection   | ANSI/ISEA Z89.1 Typ 1, Klasse G                     |   |   |   |      |             |
|   |   | EN 166 1 BT 9 3                                     |   |   |   |      |             |
| 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, IIB  | Zone 0  |   | IIA   |      |             |
|   | Zone 1, 2   | IIA, IIB  | Zone 1, 2   |   | IIA   |      |             |
|   |   |   |   |   |   |      |             |
| 2.0 Technical data:                     |   |   |   |   |   |      |             |
| 2.1 Materials:                          | Helmet seal   | Zytec   |   | L2T2  | Tychem 2000   | L3T4 | Tychem 4000 |
|   | Cuff  | Cotton  |   |   |   |      |             |
|   | Visor   | PC  |   |   |   |      |             |
|   | Helmet shell  | PA  |   |   |   |      |             |
|   | Visor frame   | ABS   |   |   |   |      |             |
|   | Comfort pad   | EVA   |   |   |   |      |             |
|   | Hard foam shell   | PS foam   |   |   |   |      |             |
|   | Sweatband   | foam  |   |   |   |      |             |
|   | Headband  | PE  |   |   |   |      |             |
|   | 2.2 Size  | 26 x 17 cm  |   |   |   |      |             |
| 2.3 Head circumference                  | 52 bis 60,6 cm  |   |   |   |   |      |             |
| 2.4 Weight                              | L1Z   | L2Z   | L3Z   | L2T2  | L3T4  |      |             |
|   | 942 g   | 1.012 g   | 1.152 g   | 962 g   | 997 g   |      |             |
| 2.5 EN 14594 Protection class           | 2B  | 4A/3B   | 3B  | 4A/3B   | 4A/3B   |      |             |
| 2.6 Colour                              | grey and helmetseal: Zytec-Series: grey, Tychem-Series: white   |   |   |   |   |      |             |
| 2.7 Working temperature                 | -5 °C to 50 °C  |   |   |   |   |      |             |
| 2.8 Storage temperature                 | -10 °C to 45 °C   |   |   |   |   |      |             |
| 2.9 Working- / sotrage air humidity     | < 90 % relative humidity  |   |   |   |   |      |             |
| 2.10 Durability                         | 5 years   |   |   |   |   |      |             |
| 3.0 Documentation                       |   |   |   |   |   |      |             |
| 3.1 Labelling                           | <p>The label contains the following information:</p> <ul style="list-style-type: none"> <li>- Approval mark: ("EN 12941 - TH3 (Except the L1Z - 3710775 - TH1) / EN 14594 Class 4A/3B"; EN 397 LD -30 °C MM 440 V a.c.; ANSI/ISEA Z89.1 Typ 1, Klasse G; EN 166 1 BT 9 3; ANSI/ISEA Z87.1 +)</li> <li>- CE-mark ("CE 0158")</li> <li>- UKCA-mark ("UKCA 0086")</li> <li>- Symbol Symbol "Follow the instructions for use", "Storage conditions"</li> <li>- Manufacturer ("Dräger" und "UK Importer Draeger Safety UK")</li> <li>- Country of production ("Made in USA")</li> <li>- Date of manufacture</li> <li>- Partnumber</li> <li>- Batchnumber</li> <li>- Size: Scope 52-60,6cm</li> <li>- Material: PA66</li> <li>- Note: In case of damage, the face shield / protective visor must be replaced in order to guarantee head protection</li> </ul> |   |   |   |   |      |             |

|   |   |
|---|---|
| 3.2 Instructions for use                      | <p>Each packaging unit contain instructions for use in the following languages:<br/>         englisch, german, french, Spanish, Italian, Dutch, Danisch, Polish<br/>         The instructions for use for the following languages are available online:<br/>         Bulgarian, Chinese, Estonian, Finnisch, Greek, Japanese, Korean, Croatian, Hungarian, Latvian, Lithuanian, Norwegian,<br/>         Portuguese, Romanian, Russian, Swedish, Slovak, Slovenian, Serbian, Thai, Czech, Turkish</p>  |
| <b>4.0 User instructions and restrictions</b> |   |
|   | <p>The product meets the minimum requirements according to the standard according to the specified class and type (see labeling).<br/>         It should be noted that laboratory test values may differ significantly from those achieved in practice. This may lead to longer or<br/>         shorter durability. The user must read and understand all package leaflets. In addition, knowledge of all relevant application rules<br/>         is absolutely necessary (especially the usage restrictions for filter devices). Further information are available upon request.</p> |