

# Technical Data Sheet

## Particle filtering half mask

### Dräger X-plore 1330 V M/L FFP3 NR D

|     |                    |                                                                                                                                                                                   |  |
|-----|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1.0 | General Data       |                                                                                                                                                                                   |  |
| 1.1 | Manufacturer       | ACE Protection AB, Svenljunga, Sweden, a Dräger Safety company for Dräger Safety AG & Co. KGaA, Revalstraße 1, D - 23560 Lübeck, Germany                                          |  |
| 1.2 | Designation        | Dräger X-plore 1330 V S/M FFP3 NR D (incl. exhalation valve)                                                                                                                      |  |
| 1.3 | Dräger part no.    | 39 51 217                                                                                                                                                                         |  |
| 1.4 | Intended use       | Protection against solid and liquid particles. Scope of protection as indicated by product documentation, technical standards and installed application rules.                    |  |
| 1.5 | Relevant standards | EN 149: 2001 + A1: 2009 (Particle filtering half masks)                                                                                                                           |  |
| 1.6 | Approval           | CE type approval test certificate, tests carried out and granted by accredited and notified body Institut für Arbeitsschutz der Deutschen gesetzlichen Unfallversicherung (BGIA). |  |

|     |                       |                                                                                                                                         |                                                                                                                |
|-----|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 2.0 | Design & Construction |                                                                                                                                         |                                                                                                                |
| 2.1 | Materials             | Particle filter:                                                                                                                        | Mechanical and electrically charged non-woven material.                                                        |
|     |                       | Head strap:                                                                                                                             | Natural rubber latex covered with woven textile. The natural rubber latex will not make contact with the skin. |
|     |                       | Nose clip:                                                                                                                              | Plastic (LLDPE) coated metal wire, free of aluminium                                                           |
|     |                       | Exhalation valve:                                                                                                                       | Body: Polypropylene, disc: rubber                                                                              |
| 2.2 | Construction          | The filtering face piece X-plore 1330 V M/L FFP3 NR D consists of several layers of non-woven materials, partly with electrical charge. |                                                                                                                |
| 2.3 | Working principle     | Particle filtration by combined electro charged and mechanical filter media.                                                            |                                                                                                                |
| 2.4 | Shelf life            | 4 years                                                                                                                                 |                                                                                                                |
| 2.5 | Dimensions            | 128 x 145 x 53 mm (+ 10 mm valve)                                                                                                       |                                                                                                                |
| 2.6 | Weight                | Excl. package:                                                                                                                          | 26,9 g                                                                                                         |

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|-----|---------------------------------|-----------------------------------------------------------------------------------------|-----------------------|----------|--|
| 3.0 | Performance Data                | (minimum data in accordance with standard, incl. loading test with 120 mg paraffin oil) |                       |          |  |
| 3.1 | Particle filtration efficiency  | Test aerosols:                                                                          | sodium chloride: 99 % |          |  |
|     |                                 | Minimum efficiency (EN 149):                                                            | paraffin oil: 99 %    |          |  |
| 3.2 | Gas filtration capacity         | Not applicable                                                                          |                       |          |  |
|     | Laboratory test results         |                                                                                         |                       |          |  |
| 3.3 | Breathing resistance inhalation | at 30 litres/min, constant flow                                                         | Max. 1,0 mbar         | (EN 149) |  |
|     |                                 | at 95 litres/min, constant flow                                                         | Max. 3,0 mbar         | (EN 149) |  |
|     | Breathing resistance exhalation | at 160 litres/min, constant flow                                                        | Max. 3,0 mbar         | (EN 149) |  |
| 3.4 | Dolomite clogging test          | Passed                                                                                  |                       |          |  |

|     |                      |                                                                                                                                  |  |  |
|-----|----------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--|
| 4.0 | Documentation        |                                                                                                                                  |  |  |
| 4.1 | Markings             | Label: markings in accordance with EN 149:2001 + A1: 2009, expiry date, producer and approval number. Approval marking: CE 0158. |  |  |
| 4.2 | Instructions for use | Each smallest packing unit of masks is accompanied by an instruction for use.                                                    |  |  |

|     |                     |                                                                          |  |  |
|-----|---------------------|--------------------------------------------------------------------------|--|--|
| 5.0 | Packing & Packaging |                                                                          |  |  |
| 5.1 | Packing             | Each single mask is packed hygienically in a plastic bag inside the box. |  |  |
| 5.2 | Packaging units     | 5 pcs. each box                                                          |  |  |

|     |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
|-----|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 6.0 | User notes and limitations | Dräger Safety AG & Co. KGaA guarantees the performance indicated by the class and type of the filter it is marked with. It must be noted that laboratory values differ from those that can be measured in practise. This may result in longer or shorter break through times. The user must read and understand the instructions for use. Additionally the knowledge of all relevant application rules is vital (see in particular the limitations in use). Further information on request. |  |  |
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Dräger Safety AG & Co. KGaA