

Technical Data Sheet

Particle Filtering Half Mask

Dräger X-plore 1720 FFP2 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	X-plore 1720 FFP2 NR D (excl. exhalation valve).
1.3	Dräger part no.	39 51 083.
1.4	Intended use	Protection against solid and liquid non-volatile 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 (IFA).

2.0	Design & Construction	
2.1	Materials	Particle filter: Mechanical and electrically charged nonwoven material. Head strap: Natural rubber latex covered with woven textile. Nose clip: Tinplate, free of aluminium. Nose seal: PVC.
2.2	Construction	The particle filtering half mask X-plore 1720 FFP2 NR D consists of several layers of nonwoven materials, partly with electrical charge.
2.3	Working principle	Particle filtration by combined electrically charged and mechanical filter media.
2.4	Shelf life	4 years.
2.5	Dimensions	155 mm x 115 mm.
2.6	Weight	Excl. package: 14,9 g Incl. package: 17,2 g

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: 94 % Minimum efficiency (EN 149): paraffin oil: 94 %	
3.2	Gas filtration capacity Laboratory test results	Not applicable.	
3.3	Breathing resistance inhalation	at 30 litres/min, constant flow: max. 0,7 mbar (EN 149). at 95 litres/min, constant flow: max. 2,4 mbar (EN 149).	
	Breathing resistance exhalation	at 160 litres/min, constant flow: max. 3,0 mbar (EN 149).	
3.4	Dolomite clogging test	Passed	

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4.0 Documentation

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| 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 packaging unit of masks is accompanied by an instruction for use. |

5.0 Packing & Packaging

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| 5.1 | Packing | Each mask is packed hygienically in a single plastic bag. |
| 5.2 | Packaging units | 20 pcs. each box. |

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| 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