Technical Data Sheet

Particle filtering half mask

Dräger X-plore 1330 V S/M 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 51 216
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: Head strap: Nose clip: Exhalation valve:	Mechanical and electrically charged non-woven material. Natural rubber latex covered with woven textile. The natural rubber latex will not make contact with the skin. Plastic (LLDPE) coated metal wire, free of aluminium Body: Polypropylene, disc: rubber
2.2	Construction	The filtering face piece X-plore 1330 V S/M 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 from production date. End of shelf life is marked on the mask and on the packaging.	
2.5	Dimensions	120 x 140 x 53 mm (+ 10 mm valve)	
2.6	Weight	Excl. package:	24,6 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: Minimum efficiency (EN 149):	sodium chloride: paraffin oil:	99 % 99 %
3.2	Gas filtration capacity Laboratory test results	Not applicable		
3.3	Breathing resistance inhalation	at 30 litres/min, constant flow at 95 litres/min, constant flow	Max. 1,0 mbar Max. 3,0 mbar	(EN 149) (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	The particle filtering half mask conforms to the minimum requirements of the standard indicated by the class and type of the filter it is marked with. It must be noted that laboratory values can differ from those measured in practice. 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 mandatory (see in particular the limitations in use). Further information on request.

Dräger Safety AG & Co. KGaA