Technical Data Sheet

Particulate Respirators

Dräger X-plore 1750 N95

1.0	General Data	
1.1	Manufacturer	Dräger Safety AG & Co. KGaA, Revalstraße 1, D - 23560 Lübeck, Germany Manufacturing sites in USA, France, UK, Sweden
1.2	Designation	X-plore 1750 N95
1.3	Dräger part no.	3951329 X-plore 1750 N95 (excl exhalation valve) 3951331 X-plore 1750 N95 (excl exhalation valve) 3951335 X-plore 1750 N95 V (with exhalation valve)
	Intended use	Protection against solid particles and liquid particles that do not contain oil. Scope of protection as indicated by product documentation, technical standards and installed application rules.
1.5	Relevant standards	NIOSH 42 CFR Part 84: N95 (Filtering Face Pieces)
1.6	Approval	NIOSH type approval test certificate, tests carried out by National Institute for Occupational Safety and Health NIOSH

2.0	Design & Construction		
2.1	Materials	Particle filter:	Mechanical and electrostatically charged filter media.
		Head strap:	Natural rubber latex covered with woven textile. The natural rubber latex will not make contact with the skin.
		Nose clip:	Tin plate, free of aluminium.
		Exhalation valve:	Not applicable. (excl exhalation valve) Polypropylene. (with exhalation valve)
2.2	Construction	The particulate respirator X-plore 1750 N95 consists of several layers of nonwoven materials, partly with electrical charge.	
2.3	Working principle	Particle filtration by combined electrostatically charged and mechanical filter media.	
2.4	Shelf life	4 years from production date. End of shelf life is marked on the packaging.	
2.5	Dimensions	155 mm x 115 mm.	
2.6	Weight	Excl. package:	9.9 g (excl exhalation valve) 18.3 g (with exhalation valve)
		Incl. package:	12.2 g (excl exhalation valve) 20.6 g (with exhalation valve)

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3.0	Performance Data	(minimum data in accordance with standard)		
3.1	Particle filtration efficiency	Test aerosols: Minimum efficiency (NIOSH N95):	NaCl:	95%
3.2	Gas filtration capacity Laboratory test results	Not applicable		
3.3	Breathing resistance inhalation, initial	at 85 litres/min, constant flow	max. 3,5 mbar	
3.4	Breathing resistance exhalation, initial	at 85 litres/min, constant flow	max. 2,5 mbar	

4.0	Documentation	
4.1	Markings	Label: markings in accordance with NIOSH N95, expiry date, producer and approval number. Approval marking: NIOSH N95. 3951329 TC-No.: TC-84A-9053. 3951331 TC-No.: TC-84A-9238 3951335 TC-No.: TC-84A-9370
4.2	Instructions for use	Each smallest packaging unit of mask is accompanied by an instruction for use.

5.0	Packing & Packaging	
5.1	Packing	The masks are packed hygienically in a plastic bag inside the box.
5.2	Packaging units	20 pcs. each box (excl exhalation valve) 15 pcs. each box (with exhalation valve)

6.0	User notes and limitations	The particulate respirator 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