

Technical Data Sheet

Particulate Respirators

Dräger X-plore 1350 N95 V Odor M/L

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 1350 N95 V Odor M/L (incl. exhalation valve)
1.3	Dräger part no.	39 51 359
1.4	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. Additional activated-carbon filter provides relief from nuisance level odors of organic vapors below the permissible exposure limit (PEL).
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	<p>Particle filter: Mechanical and electrically charged filter media</p> <p>Sorbents: Activated and impregnated carbon</p> <p>Head strap: Natural rubber latex covered with woven textile. The natural rubber latex will not make contact with the skin.</p> <p>Nose clip: Plastic coated metal wire, free of aluminium.</p> <p>Exhalation valve: body: Polyamid, disc: Rubber</p>
2.2	Construction	The particulate respirator X-plore 1350 N95 V Odor M/L consists of several layers of non-woven materials, partly with electrical charge.
2.3	Working principle	Odors of organic vapors are removed from the ambient air by adsorption onto a sorbent, particles by filtration using combined electrically charged and mechanical filter material.
2.4	Shelf life	4 years from production date. End of shelf life is marked on the packaging.
2.5	Dimensions	125 x 138 x 54 mm
2.6	Weight	Excl. package: 17.8 g

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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. TC-No.: TC-84A-4375.		
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	10 pcs. each box		

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.		
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Dräger Safety AG & Co. KGaA