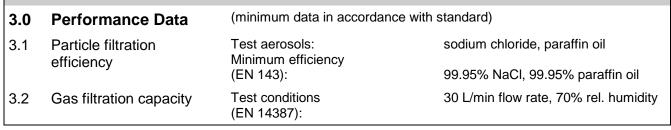
## Technical Data Sheet Dräger X-plore<sup>®</sup> Bayonet Respiratory Filter A2 P3 R D



2.0	Design & Construction			
2.1	Connection to facepiece	Dräger-specific bayonet connection		
2.2	Materials	Filter housing: Sorbents: Particle filter: Labels:	ABS-plastic activated carbo micro-glass fib paper	
2.3	Design	The filter housing is tear drop shaped. At the inhalation side the filter housing has integrated air inlets. There is one filter bed with activated carbon. It is fixed by the housing parts and fleece materials. The particle filter is made of pleated paper. A particle tight connection between the particle filter and the particle filter housing is performed by glue. The gas filter part and the particle filter are connected leaktightly by ultrasonic welding.		
2.4	Working principle	Gases and vapours are removed from the ambient air by adsorption onto the sorbent (carbon), particles are filtered by the fibre filter.		
2.5	Shelf life	6 years (4+2)		
2.6	Dimensions	Outer diameter: Height (incl. bayone Volume carbon:	et connection):	106 x 84 mm (L x B) 59 mm 107 ml
2.7	Weight	Excl. package:		approx. 140 g

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Туре	Test gas	Class	Concentration	Breakthrough	Min. duration
А	Cyclohexane (C <sub>6</sub> H <sub>12</sub> )	2	5,000 ppm	10 ppm	35 min

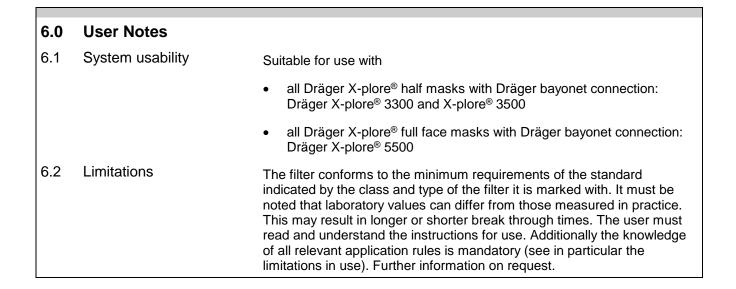
3.3	Breathing resistance	at $\frac{1}{2}$ x 30 litres/min, constant flow 2.6 mbar (max. as per EN 14387) at $\frac{1}{2}$ x 95 litres/min, constant flow 9.8 mbar (max. as per EN 14387)
3.4	Mechanical resistance	Resistant to shock and vibration as required by EN 14387
3.5	Chemical resistance	For normal use conditions the filter is resistant against temperature, humidity and corrosives. The filter is internally resistant against the filtering agents (sorbents). Ingress of water or other liquids must be avoided.

4.0	Documentation	
4.1	Markings	Filter banderole: marking shows colour coding in accordance with EN 14387, applicable standard, designation, filter type and name of manufacturer
		<u>Filter label:</u> marking shows applicable standard, filter type, batch number, expiry date (sand clock symbol), order code, indication on the instruction for use and approval marking: <b>CE 0158</b>
4.2	Instructions for use	<u>25 languages per box</u> - English, German, French, Spanish, Italian, Dutch, Portuguese, Norwegian, Swedish, Danish, Finnish, Latvian, Lithuanian, Estonian, Polish, Czech, Slovak, Slovenian, Hungarian, Bulgarian, Romanian, Greek, Turkish, Russian, Chinese.

5.0	Packing & Packaging	
5.1	Package	The filters are packed in pairs in a sealed aluminium foil bag. The EAN code is printed on each bag. 7 pairs are packed in a cardboard box accompanied by one instruction for use. The box is robust for normal transportation and storage, closed with factory label indicating partnumber, designation, filter type, quantity, batch number, expiry date, applicable standard and the EAN code for the packing unit.
5.2	Packing unit	7 pairs

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## Dräger Safety AG & Co. KGaA

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