

# Technical Data Sheet

## Filter 882 FMP3 RD



<b>1.0</b>	<b>General Data</b>	
1.1	Manufacturer	Dräger Safety AG & Co. KGaA Revalstraße 1, D – 23 560 Luebeck, Germany
1.2	Designation	882 FMP3 RD
1.3	Dräger part no.	67 36 777
	EAN Code	4026056000951
1.4	Intended use	Respiratory protection against particles in conjunction with a specified face piece. Scope of protection as indicated by product documentation, technical standards and installed application rules.
1.5	Relevant standards	EN 1827:1999, EN 143:2000 / A1:2008
1.6	Certification	EU type approval test certificate, granted by accredited and notified test institute BGIA, Alte Heerstr. 111, 53757 St. Augustin, Germany
1.7	Export approval	No classification -> no sales restrictions

<b>2.0</b>	<b>Design &amp; Construction</b>	
2.1	Connection to facepiece	Dräger specific diameter for direct fit in the facepieces X-plore® 2100
2.2	Materials	Particle filter: micro-glass fibres, cellulose-fibres, additives
2.3	Design	The filter has a round shape and it is made of one part and has round folds.
2.4	Working principle	Particles are filtered by the fibre filter.
2.5	Shelf life	12 years (10+2)
2.6	Dimensions	Outer diameter: ca. 115 mm Height (incl. thread and plugs): ca. 25 mm
2.7	Weight	Excl. package: approx. 12 g

<b>3.0</b>	<b>Performance Data</b>	(minimum data in accordance with standard)	
3.1	Particle filtration efficiency	Test aerosols: Minimum efficiency (EN 143:2000):	sodium chloride (NaCl), paraffin oil 99.95% NaCl, 99.95% paraffin oil
3.3	Breathing resistance of the filter	at 30 litres/min, constant flow at 95 litres/min, constant flow	1.2 mbar (max. as per EN 143 :2000) 4.2 mbar (max. as per EN 143 :2000)
	Breathing resistance of the half mask X-plore® 2100 with filter	Inhalation breathing resistance at 95 litres/min, constant flow Exhalation breathing resistance at 160 litres/min, constant flow	7.0 mbar (max. as per EN 1827:1999) 3.0 mbar (max. as per EN 1827:1999)
3.4	Chemical resistance	For normal use conditions the filter is resistant against temperature, humidity and corrosives. Ingress of water or other liquids must be avoided.	

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### 4.0 Documentation

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|--------------------------|--|
| 4.1 Markings             | Markings in accordance to EN 143:2000 directly on the particle filter, batch number, approval number and indication on the instruction for use. Approval marking: <b>CE 0158</b>                     |
| 4.2 Instructions for use | Each filter is accompanied by an instruction for use in the following languages: English, French, German, Spanish, Portuguese, Norwegian, Swedish, Danish, Finnish, Italian, Dutch, Greece, Turkish. |

### 5.0 Packing & Packaging

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|--------------------|---|
| 5.1 Package        | Carton, robust for normal transportation and storage, closed with factory label indicating designation, type of filter, batch number. |
| 5.2 Packaged units | 25 pieces   |

### 6.0 User Notes

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|----------------------|--|
| 6.1 System usability | Suitable for use with the half mask Dräger X-plore® 2100   |
| 6.2 Limitations      | The filter 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**