

Technical Data Sheet

Dräger Filtering Face Piece

X-plore 1520 FFP2 Valve

General Data

1. Manufacturer: Dräger Safety Zenith, in King Williams Town, South Africa, a Dräger Safety company, for Dräger Safety AG & Co. KGaA, Revalstraße 1, D - 23560 Lübeck, Germany
2. Designation: X-plore 1520 FFP2V
3. Dräger part no. 3956146
4. Intended use: Protection against solid and liquid non-volatile particles. Scope of protection as indicated by product documentation, technical standards and installed application rules.
5. Relevant standards: EN 149: 2001 (Filtering Face Pieces)
6. Approval: AZ2010/58 homologation approval, tests carried out and granted by accredited and notified institute SABS – South African Bureau of Standards.

Design & Construction

1. Connection to face piece: Not applicable
2. Materials: Particle filter: Mechanical and electrically charged nonwoven material.
Head strap: textile rubber band
Nose clip: tinfoil
Exhalation valve: polypropylene
Layer 1: spunbond (outside)
Layer 2: prefilter
Layer 3: meltblown
Layer 4: spunbond (inside)
3. Construction: The particle filtering half mask X-plore 1520 FFP2V consists of several layers of nonwoven materials, partly with electrical charge.
4. Working principle: Particle filtration by combined electrically charged and mechanical filter media.
5. Shelf life: 4 years
6. Dimensions 155 mm x 115 mm
7. Weight: 13,3 g (excl. package)

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Performance Data (minimum data in accordance with standard, incl. loading test with 120 mg paraffin oil)

1. Particle filtration efficiency test aerosols:
Minimum efficiency (EN 149): Sodium chloride: 94 %
Paraffin oil: 94 %
2. Gas filtration capacity: Not applicable
3. Laboratory test results

Breathing resistance: at 30 litres/min, constant flow max. 0, 7 mbar (EN 149)
Inhalation: at 95 litres/min, constant flow max. 2, 4 mbar (EN 149)

Breathing resistance:
Exhalation: at 160 litres/min, constant flow max. 3, 0 mbar (EN 149)

4. Dolomite clogging test: Passed.

Documentation

1. Markings & Label: markings in accordance with EN 149: 2001, expiry date, producer and approval number. Approval marking: AZ2010/58.
2. Instructions for use each mask is accompanied by fitting instructions.
3. Packed in a dispenser box, the instruction for use is printed directly on the box.

Packing & Packaging

1. Each mask is packed hygienically in a single plastic bag.
2. Packaging units 20 pcs. each box

User notes and limitations

Dräger Safety AG & Co. KGaA guarantees the performance indicated by the class and type of the filter it is marked with. It must be noted that laboratory values differ from those that can be measured in practise. 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 vital (see in particular the limitations in use). Further information on request. Dräger Safety AG & Co. KGaA