

Datasheet



Respiratory protection

AIRCLEAN SM100 FFP1 NR D

Particle filtering half mask

The filtering half mask AIRCLEAN SM100 FFP1 NR D is designed to protect the respiratory system against aerosols of solid particles, water-based aerosols (dust, smoke) and aerosols with liquid dispersed phase (mists), provided that the concentration of the dispersed phase does not exceed 4 x TLV.



Your advantages

- The half mask is designed in such a way as to enable easy breathing throughout the work shift.
- The anatomical shape and the nose clip, as well as the internal sealing foam, make the half mask easy to fit to most face shapes, so that the necessary tightness can be ensured.



Your workspace

- The filtering half mask can be used in agriculture food industry, non-toxic dusts, quarries and cement plants, softwood processing (coniferous) and in particular for dusts like calcium carbonate, natural and synthetic graphite, gypsum, chalk, cement, plaster, marble, zinc oxide, pollen, cellulose, sulphur, cotton, metallic file dust, coal dust, coal dust with free silica content of less than 10%.

| Product name | Item no. |
|--------------------------|----------------|
| AIRCLEAN SM100 FFP1 NR D | AS4-SM100-FFP1 |

| Specifications | | |
|----------------|------------|-------------------|
| Material | Filter | Polypropylene |
| | Head bands | Plastic |
| | Nose seal | Polyurethane foam |

| Functional parameters | |
|--|----------|
| Class (according to EN 149:2001+A1:2009) | FFP1 |
| Penetration of filtering material by sodium chloride aerosol or oil mist | ≤ 20% |
| Total leakage | ≤ 22% |
| Initial inhalation resistance at a flow of 95 l/min | ≤ 210 Pa |
| Initial exhalation resistance 160 l/min | ≤ 300 Pa |
| Breathing resistance at the end of clogging test with dolomite dust, at a flow of 95 l/min (inhalation) | ≤ 300 Pa |
| Breathing resistance at the end of clogging test with dolomite dust, at a flow of 160 l/min (exhalation) | ≤ 300 Pa |

| Standards and certificates | |
|----------------------------|---------------------------|
| Category | Protective masks |
| Certifications/standards | EN 149:2001+A1:2009 |
| Category PPE | Category III |
| Testing institute | CIOF – Notified Body 1437 |

| Packaging information | |
|-----------------------|--|
| Packaging unit | Piece / Box with 10 pieces 36 boxes in a carton |

| | |
|-----------------------|----------|
| Customs tariff number | 63079099 |
| Country of origin | PL |

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