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	CIOP – 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

Errors, printing errors and technical changes excluded.
All information is based on extensive tests: No legally binding effect can be derived from it. We supply products and services exclusively in accordance with our General Terms & Conditions (GTC), which we would be happy to send you on request and are available on our website delta-zofingen.ch.

ARTILUX SWISS SAFETY

DELTA Zofingen AG
Untere Brühlstrasse 10
CH-4800 Zofingen

Tel. +41 62 746 04 04
Fax +41 62 746 04 02

sales@delta-zofingen.ch
delta-zofingen.ch