

# Datasheet



Respiratory protection

## AIRCLEAN SM200 FFP2 NR D

### Particle filtering half mask

The filtering half mask AIRCLEAN SM200 FFP2 NR D is designed to protect the respiratory system against the harmful effects of dust, solid and liquid aerosols when the OEL is  $\geq 0.05\text{mg}/\text{m}^3$  and the concentration of the dispersed phase of the aerosol does not exceed 10x OEL (Occupational Exposure Limit), 10x APF (Assigned Protection Factor), 12x NPF (Nominal Protection Factor).



#### 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

- Moderately toxic solid particles, asbestos, copper, barium, titanium, vanadium, chromium, manganese, hardwood, coal dust with a free silica content of above 10%, mining industry, chemical industry, metallurgic industry, processing of hardwoods.

Product name	Item no.
AIRCLEAN SM200 FFP2 NR D	AS4-SM200-FFP2

#### Specifications

Material	Filter	Polypropylene
	Head bands	Plastic
	Nose seal	Polyurethane foam

#### Functional parameters

Class (according to EN 149:2001+A1:2009)	FFP2
Penetration of filtering material by sodium chloride aerosol or oil mist	$\leq 6\%$
Total leakage	$\leq 8\%$
Initial inhalation resistance at a flow of 95 l/min	$\leq 240\text{ Pa}$
Initial exhalation resistance 160 l/min	$\leq 300\text{ Pa}$
Breathing resistance at the end of clogging test with dolomite dust, at a flow of 95 l/min (inhalation)	$\leq 500\text{ Pa}$
Breathing resistance at the end of clogging test with dolomite dust, at a flow of 160 l/min (exhalation)	$\leq 300\text{ Pa}$

#### Standards and certificates

Category	Protective masks
Certifications/standards	EN 149:2001+A1:2009
Category PPE	Category III
Testing institute	CLOP – Notified Body 1437

#### Packaging information

Packaging unit	Piece / Box with 10 pieces 36 boxes in a carton
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Customs tariff number	63079099
Country of origin	PL

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