

# Datasheet



Respiratory protection

## AIRCLEAR SM225 FFP2 NR D

### Particle filtering half mask

The filtering half mask AIRCLEAR SM225 FFP2 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 10 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

- Medium toxic solids, asbestos, copper, barium, titanium, vanadium, chromium, manganese, hardwood, coal dust with free silica content higher than 10%, mining industry, chemical industry, metallurgic industry, welding, soldering, respirable dusts.

Product name	Item no.
AIRCLEAR SM225 FFP2 NR D	AS4-SM225-FFP2

#### Specifications

Material	Filter	Polypropylene
	Exhalation valve	Plastic
	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	≤ 6%
Total leakage	≤ 8%
Initial inhalation resistance at a flow of 95 l/min	≤ 240 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)	≤ 500 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
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Customs tariff number	63079099
Country of origin	PL

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