



### Area of use\*



CHEMICAL INDUSTRY    HEAVY INDUSTRIE    LIGHT INDUSTRY    BUILDING    AGRICULTURE

### Technical features

**Full face mask.**

**Material:** polycarbonate.

Hermetic silicone face seal.

**Treatment:** anti-fog and anti-scratch.

Support harness (on the top and back of the head), with 4 adjustable straps.

Provided for two filters (sold separately).

With MAXIFLOW exhalation valve.

**Delivered in a carrying bag.**

**Colour:** black and blue.

**Weight:** 440 g.

**Packaging:** carton of 4 pieces.

**Subpackaging:** individual polybag.

### Advantages

- > **Reinforced structure** (black polycarbonate and thicker edge).
- > **Light, compact & comfortable** (weight distribution, side filters and soft silicone face seal).
- > **MAXI FLOW exhalation valve** (reduces temperature, humidity and CO2 content).
- > **Quick and simple adjustment** (4 adjustable straps).
- > **Simple filters replacement** (bayonet fitting).
- > **Many compatible filters.**



### Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category III**.  
Issued by **APAVE Sudeurope SAS**, notified body n°0082.

**EN 136 : 1998**



**CE 0082**

Download the EU declaration of conformity on <http://docs.singer.fr>

## STANDARDS

<b>EN 136</b>	Respiratory protective devices: full face masks.
<b>EN 140</b>	Respiratory protective devices: half-masks and quarter-masks.
<b>EN 143</b>	Respiratory protective devices: filters against particles.
<b>EN 14387</b>	Respiratory protective devices: gas filters and combined filters.
<b>EN 149</b>	Protection respirator devices: filtering half-mask against particles.

### EN 14387 - FILTER TYPE

<b>A (Brown)</b>	Against gas and organic vapours with a boiling point superior to 65°C specified by the manufacturer
<b>B (Grey)</b>	Against certain gas and inorganic vapours specified by the manufacturer
<b>E (Yellow)</b>	Against sulphur dioxide, other gas, acid and vapours specified by the manufacturer
<b>K (Green)</b>	Against ammonia and organic derivatives of ammonia specified by the manufacturer

### EN 143 - FILTER CLASS

<b>P1</b>	Small capacity
<b>P2</b>	Medium capacity
<b>P3</b>	Large capacity

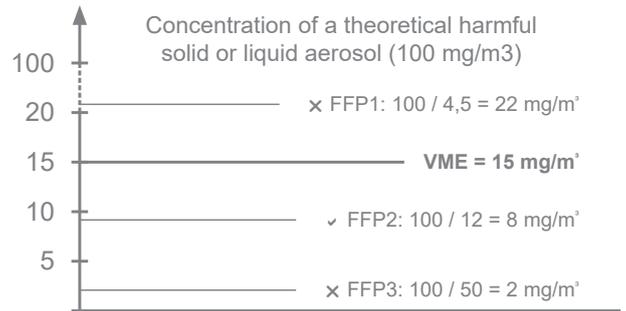
Classes are listed according to the type of environment

### EN 149 - USE DURATION

<b>NR</b>	Single use
<b>R</b>	Reusable (more than one working day)
<b>D</b>	Improved breathing capacity and lifetime (clogging test with dolomite dust) Low increase of respiratory resistance when the filter is loaded in particle

## EN 149 - FIELD OF USE

<b>FFP1</b>	Protection against non toxic solid and liquid aerosols. Concentrations: up to 4,5 x MAC or 4 xAPF.
<b>FFP2</b>	Protection against non toxic and low-to-average toxicity solid and liquid aerosols. Concentrations: up to 12 x MAC or 10 xAPF.
<b>FFP3</b>	Protection against non-toxic, low-to-average toxicity and high toxicity solid and liquid aerosols. Concentrations: up to 50 x MAC or 20 xAPF.



In this situation, FFP2 mask is the most suitable. FFP1 mask doesn't provide enough protection while the FFP3 mask overprotects the user.

MAC = Maximum Admissible Concentration.

This is the limit value of a gas or a dust (in ppm or mg/m<sup>3</sup>) that a person can be exposed during a working day (8h/day) throughout all his professional life, without risk for his health.

APF = Assigned Protection Factor.

