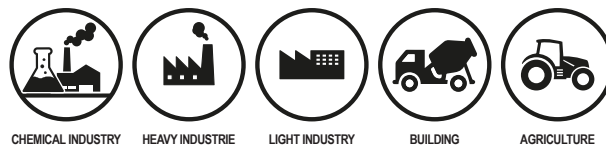




### Area of use\*



CHEMICAL INDUSTRY

HEAVY INDUSTRIE

LIGHT INDUSTRY

BUILDING

AGRICULTURE

### Technical features

#### Half-mask.

**Material:** polypropylene.

Hermetic TPR face seal.

Support harness (on the top and back of the head), with 2 adjustable straps.

Provided for two filters (sold separately).

With exhalation valve.

**Colour:** grey.

**Weight:** 90 g.

**Packaging:** carton of 20 pieces.

**Subpackaging:** individual polybag.

### Advantages

- > **Light, compact & comfortable** (weight distribution, side filters and soft TPR face seal).
- > **Easy breathing** (2 inspiration valves and 1 exhalation valve).
- > **Excellent holding** (harness at the back of the neck and head).
- > **Quick and simple adjustment** (2 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 140 : 1998



## CE 0082

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

## STANDARDS

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

## EN 14387 - FILTER TYPE

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

## EN 143 - FILTER CLASS

P1	Small capacity
P2	Medium capacity
P3	Large capacity

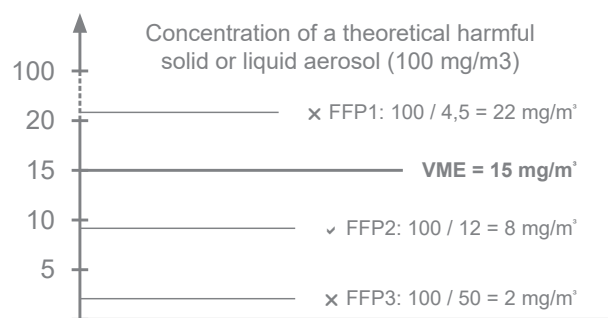
Classes are listed according to the type of environment

## EN 149 - USE DURATION

NR	Single use
R	Reusable (more than one working day)
D	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

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

