

## SPECIFICATIONS

**ARTICLE**

Designation : **Shell FFP2 mask with valve 3M**

Code bobet : **12871**

Selling Unit : **Unit**

Non-contractual pictures

**CHARACTERISTICS**

This 3M 8822 mask offers effective, lightweight and comfortable protection against dust. The two elastic straps and the nose clip allow a perfect fit to the face, thus avoiding the risk of leakage.

The patented exhalation valve, along with the crush-resistant inner shell, provides durable and comfortable protection in high heat and humidity.

The mask is completely disposable: it requires no maintenance and has no spare parts.

The following materials were used in the manufacture of this product:

- Elastics: Polyisoprene
- Nose clip: Steel
- Filter media/shell: Polypropylene/Polyester
- Nose foam: Polyurethane
- Valve: Polypropylene

**APPLICATIONS :**

Naval construction and repair, Foundries, Paint manufacturing, Chemistry (powders), Pharmaceutical industry, Pottery, Basic metallurgy, Building, Agri-food (bagging), Public works, Refractory metals

**USAGE LIMITS:**

This mask can be used as protection against solid aerosols, liquids whose liquid phase is water and non-volatile liquids for concentrations not exceeding 10 times the Average Exposure Value / Belgian Limit Value

**PACKAGING :**

Box of 10 pieces

**WARNING :**

- The user must have received prior training in the proper use of the product.
- This product does not protect the wearer against gases, vapours, solvents encountered during paint spraying operations or in atmospheres containing less than 19.5% oxygen.
- To be used only in suitably ventilated places where the oxygen content is sufficient for life.
- Do not use when the contaminant concentration presents an immediate danger to life.
- Leave the premises immediately if:
  - \* Breathing becomes difficult
  - \* Dizziness or other discomfort is felt
- Discard and replace the mask if it is damaged or if the breathing resistance becomes too great or at the end of each working day.

- Never modify or "tinker" with this device.
- Non-compliance with the instructions and precautions for use of this product, as well as non-compliance with the instructions for continuous wearing of the mask throughout the period of exposure to the contaminant may reduce the effectiveness of the product and affect the health of the user, exposing him to serious disorders or endangering his life.

**STANDARDS :**

Complies with EU regulation 2016/425 relating to personal protective equipment (Category III)

Complies with European standard EN 149:2001 + A1:2009 FFP2 NR D

\* NR: use limited to one working day

\* D: clogging performance

TOTAL LEAKAGE INWARDS: 8%

Test subjects perform a series of exercises while walking on a treadmill. Contaminant concentration which passes through the filter medium, at the level of the leaks in the face and, if it exists, at the level of the valve, is measured. This leakage must not exceed the 8% limit for eight of the ten tests.

FILTER-MEDIA PENETRATION: 6%

The effectiveness of the filter media of twelve masks is tested using aerosols of sodium chloride and paraffin oil. The limit not to be exceeded is 6%.

**FLAMMABILITY**

Four masks are passed through a flame at 800°C/±50°C at a speed of 6 cm/s. The mask should not continue to burn after the flame is removed.

RESPIRATORY RESISTANCE: 0.7 and 2.4 mbar

The resistance caused by the passage through the filter media of the mask at an air flow of 30 l/min and at 95 l/min is measured. Limits not to exceed 0.7mbar for 30 l/min and 2.4mbar for 95 l/min.



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