

EN149: 2001 + A1 2009. DUST MASKS

A half-mask is defined as one in which the face-piece consists substantially or entirely of filter material or comprises a face-piece in which the main filter forms an inseparable part of the device.

Respirators which meet the requirements of EN149:2001 are designed to protect against solids, water based aerosols and oil based aerosols.

There are three classes of protection detailed in EN149:2001 – FFP1, FFP2 & FFP3 and filtering face-pieces are classified according to filter efficiency.

EN149:2001 differs from EN149:1991 in that it is mandatory for all products tested to EN149:2001 to provide protection against solid and liquid aerosols whereas EN149:1991 allows for testing of respirators against solid aerosols only as well as solid and liquid aerosols.

Particle filter half mask, compliant with the requirements of European directive 89/686/EEC and compliant with standard EN149:2001+A1:2009

These masks are classified in accordance with its filtering capacity and maximum total inward leakage.

The mask must be chosen according to the type of contaminant, its concentration (see material data safety sheet) and the protection factors allocated by national laws.

For more information, consult standard EN529 (Recommendations for selection, use, servicing and maintenance).

There are three equipment classes:

FFP1

FFP2

FFP3

(see marking on the carton and on the mask).

FFP1:

Protective mask against solid and liquid particles without specific toxicity.

Filter efficiency of the filtering medium: 80%.

Total Inward Leak < 22%.

Allocated Protection Factor (FPA) : 4

Examples of applications:

Handling of stone / rubble / cellulose.

FFP2:

Protective mask against solid and liquid particles of average toxicity.

Filter efficiency of the filtering medium: 94%.

Total Inward Leak < 8%.

Allocated Protection Factor (FPA) :10

Examples of applications:

Sanding of soft wood, composite materials, rust, putty, plaster, plastics / cutting, deburring, grinding, drilling of metal.

FFP3:

Protective mask against solid and liquid particles of high toxicity.

Filter efficiency of the filtering medium:99%.

Total Inward Leak < 2%.

Allocated Protection Factor (FPA) :20

Examples of applications:

Sanding of hard wood (beech, oak) / treatment of wood using copper, chrome or arsenic based products / impact stripping of paint / sanding of cement.

Observation:

If the Delta + reference includes a 'W' (example M1100VPWC, M1200VPWC), then the mask is conceived to suit a certain usage against organic vapours and unpleasant odours for concentrations lower than VME. (Concentration < threshold limit value).

Beware if the concentration is equal to or greater than the exposure limit value, then you must use a filter mask for organic gases and vapours with a boiling point of >65°C, type A filters.

INSTRUCTIONS FOR USE:

1. Hold the preformed mask in the palm of your hand, with the nose bar towards the top and the straps hanging down.
2. Place the mask under your chin, covering your mouth and nose.
3. Take the upper elastic strap and pass it around the back of your head, take the lower elastic strap and pass it round the back of your neck.
4. Mould the nose bar around the nose to seal it off completely.
5. Check the seal by breathing out hard and ensure that no air leaks around the sides of the mask. If necessary, readjust and check again.

This mask should not be used for more than single shift.

This mask must only be used once (no maintenance).

Only take the mask out of its packaging just before you are going to use it.

Only use when the concentration of contaminants does not pose an immediate risk to life or health, and only in accordance with local applicable health and safety standards.

Before you use the mask, check that it is undamaged, that its expiry date has not been reached (see the box) and that the protection class (FFP1

/ FFP2 / FFP3) is appropriate for the product used and its concentration.

LIMITS TO USAGE:

Do not use other than for the scope of use defined in the above instructions for use. Contact with the skin may cause allergic reactions in people with sensitive skin. In this event, leave the area of risk, remove the mask and seek medical advice.

STORAGE INSTRUCTIONS:

Store in a cool, dry place away from frost and light in their original packaging (-30°C/+70°C -HR<80%).

WARNING:

The user must have adequate training in the wearing of the mask and must have read the instructions before using it.

Use the mask in well ventilated areas, where there is no lack of oxygen (> 19.5%) and where there is no explosive atmosphere.

The mask must be positioned correctly in order to provide the expected level of protection.

Do not use if facial hair (beard, sideburns) prevents the mask from being fully sealed, and leakage is detected.

Leave the area immediately if you experience breathing problems and/or dizziness or faintness.

Do not make any modifications to the mask, and discard it if there is any damage to it.

These dust masks **DO NOT PROTECT** the user against gases or vapours and solvents from spray painting.

Failure to observe these instructions for use may have adverse effects on the health of the user and expose them to serious or even life threatening risks.