



The low-profile design provides an excellent vision range, fits comfortably to the face and can easily be accompanied by glasses or safety goggles. The valve provides easy breathing and offers the user voice clarity when speaking.

Product Features

Model	Valved particle filtering half mask respirator FFP3 NR
Standard	European: EN149: FFP3, EN149:2001+A1:2009
Nosebar	Aluminum with interior cushion support
Material	Made of multi-layered non poisonous, non-allergic, non-stimulating materials: Non-woven protective surface melt-blown filter layer and skin friendly non-woven inner layer
Type	Head loop
Valve	Fitted exhalation valve

Mask Characteristics

Stops entry of dust and micro-organisms when breathing
 Exhalation valve for reduced accumulation of humidity and heat
 Comfortable to wear
 Adjustable nosepiece for the perfect fit
 Good air permeability
 Non-allergenic
 Latex-free

Areas of use

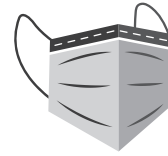
For protection against non-toxic solid and liquid aerosols in concentrations up to 50 x TLV (Threshold Limit Value)

Certification

CE Certified - UK Tested
 EU Declaration of Conformity
 Standard: EN 149:2001+A1:2009

related to CE Directive(s):
 R 2016/425 (Personal Protective Equipment)

Standard	Test Type	Filter Efficiency	Penetration	Inhalation Resistance	Test Flow	Test Particle
EN149	FFP3	≥99%	1%	30mm H2O	95L/Min	Sodium Chloride test 95 l/min NaCl & Paraffin oil test 95 l/min [DOP]



FFP3 NR Half Mask with Breathing Valve

TESTING ACCORDING TO EN 149:2001+A1:2009

Total inward leakage

Ten test subjects perform a variety of exercises. During the exercises the amount of test aerosol that penetrates the filter, face seal and valve are sampled. The total inward leakage of 8 out of 10 test subjects shall not exceed the following levels:

Category	max. total inward leakage
FFP1	22%
FFP2	8%
FFP3	2%

The filter penetration after loading the filter with 120 mg paraffin oil and Sodium Chloride, according to DIN EN149:2001+ A1:2009, shall not exceed the following levels:

Category	max. filter penetration
FFP1	20%
FFP2	6%
FFP3	1%

Flammability

4 respirators are passed through a 800°C (+/- 50°C) flame with a speed of 6 cm/s. After passing through the flame the respirator has to self-extinguish.

Breathing Resistance

The breathing resistance produced by the filter of the respirator is tested at an airflow of 30 l/min and 95 l/min.

Max. breathing resistance according to EN149:

Category	30 l / min	95 l / min
FFP1	0,6 mbar	2,1 mbar
FFP2	6%	2,4 mbar
FFP3	1%	3,0 mbar

Instructions for Fitting



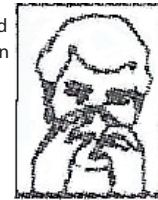
1. Hold the mask in hand with the nosepiece up. Open the folded mask with the nosepiece up and hold the mask in hand. Allow the headbands to hang freely.



2. Position the mask under the chin covering the mouth and nose.



3. Pull the lower headband over the head and position below ears. Pull the top headband on the back of the head above the ears for the best fit.



4. Press soft nosepiece to nose



5. To check fit, cup both hands over the mask and exhale vigorously. If air flows around the nose, tighten the nosepiece. If air leaks around the edge, reposition and adjust the headband for a better fit. Retest the seal and repeat the procedure until the mask is sealed properly.

INSTRUCTIONS FOR USE

- The user has to be trained and instructed in wearing the mask.
- FFP3 Valved Masks do not protect against gases and vapours.
- The oxygen concentration of the ambient atmosphere should be at least 19,5% Volume.
- These masks may not be used if the concentration type and properties of contaminants in the ambient atmosphere are unknown or at dangerous levels.
- These masks should be disposed if damaged, if the breathing resistance becomes high due to clogging, or at the end of a shift.
- Never tamper with, alter, or modify the mask.

INFO

For any help or information about our products please contact us:

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