



3M™ Aura™ Health Care Particulate Respirators 1872V+ and 1873V+

Description

The 3M™ Aura™ Health Care Particulate Respirators 1872V+ and 1873V+ provide effective respiratory protection for use in medical environments where health care workers will be exposed to airborne dust particles, non-volatile liquid particles and bio-aerosols.

- Tested EN 149:2001+A1:2009 “Respiratory protective devices – Filtering half masks to protect against particles – Requirements, testing, marking”.
- CE approved to the Personal Protective Equipment Directive
- Foldable, patented 3-panel design allows for greater facial movement and comfort and easy storage when not in use.
- Low breathing resistance filter technology gives effective filtration with low breathing resistance for consistent high quality performance
- Sculpted nose panel helps conforms to the nose and contours of the face and helps to improve compatibility with 3M eyewear
- Innovative chin tab designed for ease of donning and adjustment to help achieve a comfortable fit
- Individual hygienic packaging protects the respirator from contamination before use
- Large, soft nosefoam is comfortable on the skin
- Even headband strap pressure improves comfort on the neck, face and head with a secure feel
- Coloured headbands for easy identification: blue for FFP2 and red for FFP3

Materials

The following materials are used in the production of the Aura health care particulate respirators:

• Straps	Polyisoprene
• Staples	Steel
• Nose Foam	Polyurethane
• Nose Clip	Aluminium
• Filter	Polypropylene
• Valve	Polypropylene
• Valve diaphragm	Polyisoprene

These products do not contain components made from natural rubber latex.

Maximum mass of products = 15g

Standards

EN 149:2001+A1:2009

These products meet the requirements of recently amended European Standard EN 149:2001 + A1:2009, filtering facepiece respirators for use against particles. They should be used to protect the wearer from solid and non-volatile liquid particles only.

Products are classified by filtering efficiency and maximum total inward leakage performance (FFP1, FFP2 and FFP3), also by usability and clogging resistance.

Performance tests in this standard include filter penetration; extended exposure (loading) test; flammability; breathing resistance and total inward leakage. Reusable products are also subjected to cleaning, storage and mandatory clogging resistance tests (clogging is optional for non reusable products). A full copy of EN 149:2001+A1:2009 can be purchased from your national standards body.

Designations:

R = Reusable

NR = Non reusable (single shift use only)

D = Meets the clogging resistance requirements

Approvals

These products meet the requirements of the European Community Directive 89/686/EEC (Personal Protective Equipment Directive) and are thus CE marked. Certification under Article 10, EC Type-Examination and Article 11, EC quality control, has been issued for these products by BSI Product Services, Maylands Avenue, Hemel Hempstead, HP2 4SQ, UK (Notified Body number 0086).

These products do not meet the requirements of the European Community Directive 93/42/EEC (Medical Device Directive).

Applications

These respirators are suitable for use in concentrations of solid and non-volatile liquid particles up to the following limits:

Model	EN 149+A1 Classification	Exhalation Valve	Threshold Limit Value, TLV
1872V+	FFP2 NR D	Valved	12
1873V+	FFP3 NR D	Valved	50

Respiratory protection is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to hazards.

Storage and Transportation

3M™ Aura™ Health Care Particulate Respirators 1872V+ and 1873V+ have a shelf life of 5 years. End of shelf life is marked both on the product and on the product packaging. Before initial use, always check that the product is within the stated shelf life (use by date). Product should be stored in clean, dry conditions within the temperature range: – 20°C to + 25°C with a maximum relative humidity of <80%. When storing or transporting this product use original packaging provided.

Disposal

Contaminated products should be disposed as hazardous waste in accordance with national regulations

Fitting Instructions

See Figure 1.

Before fitting device, ensure hands are clean.

All respirator components should be inspected for damage prior to each use.

1. With reverse side up, separate top and bottom panels to form a cup shape.
2. Ensure both panels are fully unfolded.
3. Cup respirator in one hand with open side towards face. Take both straps in other hand. Hold respirator under chin, with nosepiece up, and pull straps over head.
4. Locate the upper strap across the crown of the head and the lower strap below the ears. Straps must not be twisted. Adjust top and bottom panels for a comfortable fit, ensuring panels are not folded in.
5. Using both hands, mould noseclip to the shape of the lower part of the nose to ensure a close fit and good seal. Pinching the noseclip using only one hand may result in less effective respirator performance.
6. The seal of the respirator on the face should be fit-checked before entering the workplace.

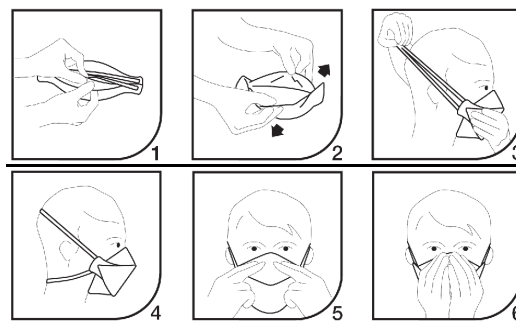


Figure 1

Fit Check

1. Cover the front of the respirator with both hands being careful not to disturb the fit of the respirator.
(a) UNVALVED respirator - EXHALE sharply;
(b) VALVED respirator - INHALE sharply.
2. If air leaks around the nose, re-adjust the noseclip to eliminate leakage. Repeat the above fit check.
3. If air leaks at the respirator edges, work the straps back along the sides of the head to eliminate leakage. Repeat the above fit check.

If you CANNOT achieve a proper fit DO NOT enter the hazardous area. See your supervisor.

Users should be fit tested in accordance with national requirements.

For information regarding fit testing procedures, please contact 3M.

Product Range



3M™ Aura™ Health Care
Particulate Respirator
1872V+



3M™ Aura™ Health Care
Particulate Respirator
1873V+

Warnings and Use Limitations

- Always be sure that the complete product is:
 - Suitable for the application;
 - Fitted correctly;
 - Worn during all periods of exposure;
 - Replaced when necessary.
- Proper selection, training, use and appropriate maintenance are essential in order for the product to help protect the wearer from certain airborne contaminants.
- Failure to follow all instructions on the use of these respiratory protection products and/or failure to properly wear the complete product during all periods of exposure may adversely affect the wearer's health, lead to severe or life threatening illness or permanent disability.
- For suitability and proper use follow local regulations and refer to all information supplied. For more information contact a safety professional/3M representative.
- Before use, the wearer must be trained in use of the complete product in accordance with applicable Health and Safety standards/guidance.
- These products do not contain components made from natural rubber latex.
- These products do not protect against gases/vapours such as glutaraldehyde.
- Do not use in atmospheres containing less than 19.5% oxygen. (3M definition. Individual countries may apply their own limits on oxygen deficiency. Seek advice if in doubt).
- Do not use for respiratory protection against atmospheric contaminants/concentrations which are unknown or immediately dangerous to life and health (IDLH).
- **Do not use with beards or other facial hair that may inhibit contact between the face and the product thus preventing a good seal.**
- This product does not eliminate the risk of contracting any disease or infection.
- Leave the contaminated area immediately if:
 - a) Breathing becomes difficult.
 - b) Dizziness or other distress occurs.
 - c) The respirator becomes damaged
 - d) You taste or smell contaminants, or an irritation occurs
- Discard and replace the respirator if it becomes contaminated with blood or other infectious material, damaged, breathing resistance becomes excessive or at the end of a shift.
- Do not alter, modify, clean or repair this respirator.
- In case of intended use in explosive atmospheres, contact 3M.



Single use only. Do not reuse.

Important Notice

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M. The user is responsible for determining the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.



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Issued: March 2012