

# 3M™ Disposable Respirator 8247, R95

## Technical Data Sheet

### Description

This classic disposable R95 particulate respirator is designed to help provide comfortable, reliable worker respiratory protection against certain non-oil based particles.

### Features

- NIOSH approved R95 rating
- Adjustable nose clip
- Braided headbands
- Collapse resistant shell
- Carbon layer for relief against nuisance levels of organic vapors†
- Tested and compliant with the P2 performance requirements of AS/NZS716:2012.

### Materials

The following materials are used in the production of the 8110S Disposable Respirator:

Straps	Braided Polyisoprene and Polyester
Staples	Steel
Nose Clip	Aluminium
Nose Foam	Polyurethane
Filter	Polypropylene
Carbon Layer	Activated Carbon
Shell	Polyester
Coverweb	Polypropylene

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

Maximum mass of products = 14g

### Use For

- Use for solid particulates and liquid mists in concentrations not exceeding 10 x the Workplace Exposure Standard.
- Use for oil based particles from sprays that do not also emit harmful vapours at significant levels.
- Use for nuisance levels\* of organic vapours such as solvents, degreasers, and/or resins.

†Nuisance level refers to concentrations not exceeding OSHA PEL or applicable occupational exposure limit whichever is lower.



- Always follow *User Instructions* and use in manners as indicated

### Do Not Use for

- DO NOT use for gases and vapors, asbestos, arsenic, cadmium, lead, 4,4-methylene dianiline (MDA), or abrasive blasting
- DO NOT use for particulate concentrations exceeding 10X PEL/OEL
- DO NOT use in any manner not indicated in the *User Instructions*

### Standards

These products meet the performance requirements of AS/NZS 1716:2012. They should be used to protect the wearer from solid and non-volatile liquid particles only.

Products are classified in AS/NZS 1716:2012 by filtering efficiency and maximum total inward leakage performance (P1, P2 and P3).

Performance tests in AS/NZS 1716:2012 include filter penetration. A full copy of AS/NZS 1716:2012 can be purchased from SAI Global.

## Fitting Instructions

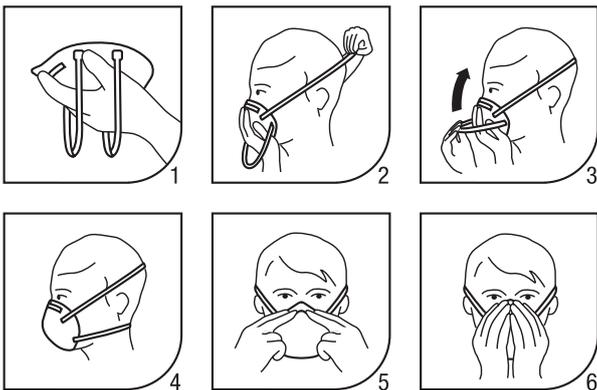
**Must be followed each time the respirator is worn. Before fitting device, ensure hands are clean.**

See Figure 1 below.

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

1. Cup respirator in one hand with nosepiece at fingertips, allow headbands to hang freely below hand.
2. Hold respirator under chin, with nosepiece up.
3. Locate the upper strap across the crown of the head and the lower strap below the ears.
4. Straps must not be twisted.
5. Using both hands, mould noseclip to the shape 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



## 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.
- It is recommended that fit testing be conducted before assigning a respirator to an individual. If you cannot achieve a proper fit then do not enter contaminated area. See your supervisor.
  - Inspect respirator before each use to ensure it is in good working condition. Examine all the respirator parts for signs of damage including the two straps, noseclip, nose foam and staples. The respirator should be disposed of immediately upon observation of damaged or missing parts. The respirator should be disposed of immediately upon observation of damaged or missing parts.
  - Leave the contaminated area immediately and contact supervisor if dizziness, irritation or other distress occurs.
  - Dispose of used product in accordance with applicable regulations.
  - All respirators should be used in accordance with local regulations.
  - Do not alter, repair, wash, and abuse or misuse the respirator.
  - Do not use with beards or other facial hair or conditions that prevent a good seal between the face and the sealing edge of the respirator.
  - The respirator can help protect the wearer's lungs against certain airborne contaminants; however, it will not prevent entry through other routes such as the skin or eyes, which would require additional personal protective equipment (PPE).
  - The respirator is designed for occupational/professional use by adults who are properly trained in its use and limitations. The respirator is not designed to be used by children.
  - Individuals with a compromised respiratory system, such as asthma or emphysema, should consult a physician and complete a medical evaluation prior to use.
  - Maximum Operating Temperature: +50 degrees Celsius.
  - The filtration efficiency of the respirator may decrease in the presence of oily mists.

## Storage and Transportation

Shelf life of the unopened product is three (3) years from date of manufacture when stored within temperature range of -20°C to +30°C and at less than 80% relative humidity. End of shelf life date is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life. When storing or transporting this product use original packaging provided.

### Warning

Respirators must not be used until your employer has determined whether usage will be in accordance with manufacturers instructions. The wearer must be trained in the proper fitting and use of this product. Failure to follow all instructions and warnings on the use of this product and/or failure to wear this respirator during all times of exposure can reduce respirator effectiveness and result in illness or death. All respirators should be used in accordance with Australian standard AS/NZS 1715. It is recommended that fit testing be conducted before assigning a respirator to an individual. If you cannot achieve a proper fit, do not enter contaminated areas. Do not use with beards or other facial hair or conditions that prevent a good seal between the face and the sealing surface of the respirator.

### Important Notice

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