

3M 8247H1-DC

3M R95 Odor Respirator 8247 User Manual

Brand: 3M | Model: 8247H1-DC

INTRODUCTION

The 3M 8247 Disposable Odor Respirator is designed to help reduce exposure to particles and nuisance levels of organic vapors. Equipped with a carbon layer, this respirator is suitable for environments where certain paints, adhesives, and other substances with organic vapors are present. It provides a comfortable and customizable seal for effective respiratory protection.



Figure 1: 3M R95 Odor Respirator 8247 in its retail packaging.

KEY FEATURES

- **NIOSH-APPROVED R95:** Provides at least 95 percent filtration efficiency against solid and liquid aerosols, including oils.

- **CARBON LAYER:** Helps reduce nuisance levels of organic vapors such as certain solvents, degreasers, and resins. Note: Nuisance levels are less than OSHA PEL or applicable government occupational exposure limits, whichever is lower.
- **ADVANCED FILTER MEDIA:** Designed for easier breathing, enhancing user comfort during extended wear.
- **CUSHIONING NOSE FOAM:** Rests comfortably on the bridge of the nose, improving fit and reducing pressure points.
- **ADJUSTABLE NOSECLIP:** Allows for a custom and secure seal, adapting to various face shapes.
- **LIGHTWEIGHT DESIGN:** Contributes to overall comfort, making it suitable for prolonged use.

SETUP AND PROPER USAGE

Proper fitting and use of the 3M R95 Odor Respirator are crucial for effective protection. Follow these steps carefully:

1. **Inspect the Respirator:** Before each use, inspect the respirator for any damage, such as tears, holes, or stretched straps. Do not use if damaged.
2. **Positioning:** Hold the respirator in your hand with the nosepiece at your fingertips, allowing the headbands to hang freely below your hand.
3. **Placing on Face:** Place the respirator over your nose and mouth. Pull the top strap over your head and position it above your ears. Pull the bottom strap over your head and position it around your neck, below your ears.
4. **Noseclip Adjustment:** Using both hands, mold the metal noseclip to the shape of your nose by pushing inward while moving your fingertips down both sides of the noseclip. This ensures a tight seal.
5. **Seal Check:**
 - For non-valved respirators: Place both hands completely over the respirator and exhale sharply.
 - For valved respirators: Place both hands completely over the respirator and inhale sharply.

If air leaks around the edges, readjust the noseclip and straps until a proper seal is achieved.

6. **Wearing the Respirator:** Ensure the respirator covers both your nose and mouth completely. The cushioning nose foam should rest comfortably on the bridge of your nose.



Figure 2: Inside view highlighting the cushioning nose foam and elastic straps.



Figure 3: Example of proper usage during painting activities.

MAINTENANCE

The 3M 8247 Odor Respirator is a disposable product and is not designed to be cleaned or reused after it becomes soiled, damaged, or breathing becomes difficult. For optimal protection and hygiene, dispose of the respirator when:

- It becomes difficult to breathe through.
- The respirator becomes damaged or distorted.
- You detect the odor of contaminants.
- At the end of your work shift or after 8 hours of continuous or intermittent use, whichever comes first.

Store unused respirators in their original packaging in a clean, dry environment away from contaminated areas.

SAFETY INFORMATION AND WARNINGS

This respirator helps protect against certain particles. Misuse may result in sickness or death. Always read and follow user instructions and warnings provided with the product packaging.

- **DIY/HOME USE:** Use ONLY in NON-HARMFUL environments.
- **OCCUPATIONAL/HAZARDOUS USE:** Use under a regulated government (e.g., OSHA) respiratory protection program.
- Do not use for gases or vapors, or for concentrations of contaminants that are immediately dangerous to life or health (IDLH).
- Do not use in atmospheres containing less than 19.5% oxygen.
- Do not use for sandblasting.
- Leave the contaminated area immediately if breathing becomes difficult, dizziness or other distress occurs, or if you smell or taste the contaminant.
- Facial hair, beards, or other conditions that prevent a good face seal will reduce the effectiveness of the respirator.

DIY/HOME USE: Use ONLY in NON-HARMFUL environments.
OCCUPATIONAL/HAZARDOUS USE: Use under a regulated government (e.g. OSHA) respiratory protection program.
WARNING: Limitations apply; Misuse may result in sickness or death. See product packaging and insert, or call 3M in USA at 1-800-243-4630. In Canada, call 1-800-267-4414.

Figure 4: Important warning information regarding usage limitations.

SPECIFICATIONS

Attribute	Detail
Product Dimensions	3 x 6 x 9 inches
Item Weight	1.6 ounces
Item Model Number	8247H1-DC
Department	Unisex-adult
Date First Available	May 3, 2006
Manufacturer	3M
ASIN	B002Y4E196
Country of Origin	USA
Fabric Type	Advanced Filter Media
Origin	Made in the USA and Imported

TROUBLESHOOTING

If you encounter issues while using your 3M R95 Odor Respirator, consider the following:

- **Difficulty Breathing:** If breathing becomes difficult, the respirator may be clogged with particles. Dispose of the respirator and replace it with a new one.
- **Detecting Odors:** If you begin to smell or taste contaminants, the carbon layer may be saturated, or the seal may be compromised. Immediately leave the contaminated area, check your fit, or replace the respirator.
- **Discomfort or Irritation:** Ensure the noseclip is properly molded and the straps are not too tight or too loose. Adjust for a comfortable yet secure fit. If irritation persists, discontinue use and consult a healthcare professional.
- **Loose Fit/Air Leakage:** Re-adjust the noseclip and headbands to ensure a tight seal around your face. Perform a seal check as described in the "Setup and Proper Usage" section.

WARRANTY AND SUPPORT

For specific warranty information or product support, please refer to the documentation included with your 3M R95 Odor Respirator or contact 3M Customer Service directly. 3M stands behind the quality of its products and provides support for proper usage and any manufacturing defects.

In the USA, you can call 3M at [1-800-243-4630](tel:1-800-243-4630). In Canada, call [1-800-267-4414](tel:1-800-267-4414).

You can also visit the official 3M Safety website for more resources and contact options [3M Safety](#)