

Helping You Wear it Right

Wearing your 3M™ Half Facepiece Reusable Respirator 7500 Series



Always read and follow User Instructions.

This respirator can be worn as either a standard fixed suspension or a drop down suspension for users who are wearing hard hats. Before beginning the steps below, adjust the head cradle size as needed to fit comfortably on your head. For the standard suspension (Figure A), position the straps beneath the locking tabs. For the drop down suspension (Figure B), position the straps over the locking tabs.

1



Standard Suspension

Place the respirator over the mouth and nose, then pull the head harness over the crown of the head.



Drop Down Suspension

While holding the head harness strap ends with one hand, slide the facepiece up onto your face.

For Both Suspensions

2



Grasp the straps, place them at the back of the neck and hook them together.

3



Adjust strap tension by pulling ends until a secure fit is obtained. Balance strap tension by adjusting the top and bottom strap buckles. Do not over-tighten.

4



Strap tension may be decreased by pushing out on back side of buckles.

Perform a User Seal Check

Before assigning any respirator to be worn in a contaminated area, a qualitative or quantitative fit test must be performed per U.S. OSHA standard 29CFR 1910.134 or local requirements.

Positive Pressure User Seal Check



Cover the opening in the exhalation valve cover with your hand. Be careful not to disturb the position of the respirator. *Exhale gently.* If the facepiece bulges slightly and no air leaks are detected between your face and the facepiece, proper seal has been obtained.*

Negative Pressure User Seal Check



Using Particulate Filters

Place your thumbs onto the center portion of the filters, restricting airflow into the breathing tube of the filters. Be careful not to disturb the position of the respirator. *Inhale gently.* If you feel the facepiece collapse slightly and pull closer to your face with no leaks between your face and the facepiece, a proper seal has been obtained.*



Using Cartridges

Place palms of hands to cover the cartridge or the open area of the filter retainer (when retainer is attached to the cartridge) to restrict airflow. Be careful not to disturb the position of the respirator. *Inhale gently.* If you feel the facepiece collapse slightly and pull closer to your face with no leaks between your face and the facepiece, a proper seal has been obtained.*



Using Hard Case Particulate Filters

Using hands, press or squeeze filter covers toward facepiece to restrict airflow. Be careful not to disturb the position of the respirator. *Inhale gently.* If you feel the facepiece collapse slightly and pull closer to your face with no leaks between your face and the facepiece, a proper seal has been obtained.*

*If you cannot achieve a proper seal, do not enter contaminated area. See your supervisor.

Technical Data Bulletin

#150, September, 2001 — Reusable Respirators

Inspection, Cleaning and Storage Procedures for 3M Reusable Respirators

Inspection

3M™ 6000 and 7000 Series Respirators must be inspected before each use to ensure good operating condition. The facepiece must be repaired or replaced if there are damaged or defective parts. The following inspection procedure is suggested:

1. Check facepiece for cracks, tears and dirt. Be certain facepiece, especially face seal area, is not distorted.
2. Examine inhalation valves for signs of distortion, cracking or tearing.
3. Make sure that head straps are intact and have good elasticity.
4. Examine all plastic parts for signs of cracking or fatiguing. Make sure filter gaskets or seal areas are in good condition.
5. Remove exhalation valve cover and examine exhalation valve and valve seat for signs of dirt, distortion, cracking or tearing. Replace exhalation valve cover.
6. Inspect lens of full facepiece for any damage that may impair respirator performance or vision.

Cleaning and Storage

Cleaning is recommended after each use. 3M™ Respirator Cleaning Wipes 504 may be used as an interim method in the cleaning

schedule for individually assigned respirators, but they must not be the only method in place. During fit-testing, wipes may also be used between employees being tested. However, these respirators must be thoroughly cleaned at the end of each day, using procedures in appendix B-2 of 29 CFR 1910.134.

⚠ WARNING

Do not clean with solvents. Cleaning with solvents may degrade some respirator components and reduce respirator effectiveness. Inspect all respirator components before each use to ensure good operating condition. Failure to do so may result in sickness or death.

1. Remove cartridges and filters.
2. Clean facepiece (excluding filters and cartridges) by immersing in warm cleaning solution, water temperature not to exceed 120° F (49° C), and scrub with soft brush until clean. Add neutral detergent if necessary. Do not use cleaners containing lanolin or other oils.
3. Disinfect facepiece by soaking in a solution of quaternary ammonia disinfectant or sodium hypochlorite (1 oz [30 ML] household bleach in 2 gallons [7.5 L] of water), or other disinfectant.
4. Rinse in fresh, warm water and air dry in noncontaminated atmosphere.

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5. Respirator components must be inspected prior to each use. A respirator with any damaged or deteriorated components must be repaired or discarded.
6. The cleaned respirator should be stored away from contaminated areas when not in use.

NOTE: The above information is also outlined in the users instructions. Additionally, see specific product user instructions packaged with each respirator facepiece for additional information.