

# **3M** Combination Cartridge/Filter P100

*User Instructions for 3M™ Cartridge/Filters 60921, 60922, 60923, 60924, 60925, 60926, 60928 and 60929*

Important: Keep these *User Instructions* for reference.

For use only with 3M™ 6000 Series, 7000 Series and FF-400 Series half and full facepiece respirators according to the NIOSH approval label.





## **WARNING**

These cartridge/filters help protect against certain airborne contaminants. **Misuse may result in sickness or death.** For proper use, see supervisor, or *User Instructions*, or call 3M in U.S.A., 1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414.



Use cartridge before expiration date.

## **IMPORTANT**

Before use, the wearer must read and understand these *User Instructions*, and the *User Instructions* for the 6000 Series, 7000 Series or FF-400 Series half or full facepiece respirator to be used with these cartridges. Keep these *User Instructions* for reference.

## **Use For**

Respiratory protection from certain airborne contaminants according to NIOSH approvals, OSHA limitations, in Canada CSA standard Z94.4 requirements, other applicable regulations and 3M instructions. For additional information on 3M use recommendations please consult the 3M Respirator Selection Guide found on the 3M OH&ESD web site at [www.3M.com/OccSafety](http://www.3M.com/OccSafety) or call 1-800-243-4630 in U.S.A. In Canada call 1-800-267-4414.

## **Do Not Use For**

Sandblasting

## **Biological Particles:**

These cartridge/filters can help reduce inhalation exposures to certain airborne biological particles (e.g. mold, *Bacillus anthracis*, avian influenza, *Mycobacterium tuberculosis*, etc.) but cannot eliminate the risk of contracting infection, illness or disease. OSHA and other government agencies have not established safe exposure limits for these contaminants.

## **Use Instructions**

1. Failure to follow all instructions and limitations on the use of these cartridge/filters and/or failure to wear the respirator during all times of exposure can reduce respirator effectiveness and **may result in sickness or death.**
2. Before occupational use of these cartridge/filters, a written respiratory protection program must be implemented meeting all the requirements of OSHA 29 CFR 1910.134 such as medical evaluation, training and fit testing and applicable OSHA substance specific standards. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate.
3. The airborne contaminants which can be dangerous to your health include those so small that you cannot see them.

4. Leave the contaminated area immediately and contact supervisor if you smell or taste contaminants or if dizziness, irritation, or other distress occurs.
5. Store the cartridge/filters and respirator away from contaminated areas when not in use.
6. Dispose of used product in accordance with applicable regulations.

### **Use Limitations**

1. These cartridge/filters do not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen.
2. Do not use when concentrations of contaminants
  - are immediately dangerous to life or health,
  - are unknown,
  - are greater than 10 times the permissible exposure limit (PEL) with half facepiece respirators and full facepiece respirators when qualitatively fit tested,
  - are greater than 50 times the PEL with full facepiece respirators when quantitatively fit tested, or
  - exceed specific OSHA standards or applicable government regulations, whichever is lower.
3. Do not alter, clean (e.g. vacuum, wash, use compressed air), abuse or misuse these cartridge/filters and/or respirator.
4. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the sealing surface of the respirator.

### **Time Use Limitations**

1. Replace cartridge/filters in accordance with an established change schedule or earlier if smell, taste or irritation from contaminants is detected.
2. If cartridge/filter becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area immediately and replace the cartridges.
3. If used in environments containing only oil aerosols, dispose of cartridge/filter after 40 hours of use or 30 days, whichever is first.

### **Special Instructions for 3M™ Cartridge/Filter 60929, Mercury Vapor or Chlorine Gas/P100**

3M™ Mercury Vapor Cartridges (6009 and 60929) are equipped with passive 3M™ End of Service Life Indicators (ESLI). The color change indicator must be readily visible when wearing the respirator without manipulation. If you cannot readily see the ESLI, do not use. The mercury vapor cartridges must be discarded when the ESLI changes to the discard color found on the mercury vapor cartridge label; or within 30 days of opening packaging; or when ESLI becomes dirty or damaged; or when odors of vapors or gases become noticeable, whichever occurs first. Mercury vapor has no odor.

**NIOSH Approval: See NIOSH approval label insert**