



Combination Cartridge/Filter P100

User Instructions



⚠ WARNING

These cartridge/filters help protect against certain airborne contaminants. **Misuse may result in sickness or death.** For correct use, consult supervisor and *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 3M™ Half and Full Facepiece Respirators 6000 Series, 7000 Series and FF-400 Series to be used with these combination cartridges. These combination cartridges are NIOSH approved only for use with 3M™ Half and Full Facepiece Respirators 6000 Series, 7000 Series and FF-400 Series. Keep these *User Instructions* for reference.

Use For

Respiratory protection from certain airborne contaminants according to local applicable regulations and approvals, NIOSH approvals, in the U.S. OSHA limitations, in Canada CSA standard Z94.4 requirements, in Brazil the Respiratory Protection Program of the Ministry of Labor, other applicable regulations and 3M instructions. In the U.S., for additional information on 3M use recommendations please consult the 3M Respirator Selection Guide found on the 3M PSD website at www.3m.com/workersafety or call 1-800-243-4630. 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 local applicable requirements. In the U.S., follow OSHA 29 CFR 1910.134 which includes medical evaluation, training and fit testing. In the U.S. users must also comply with applicable OSHA substance specific standards. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. In Brazil, follow the requirements of the Respiratory Protection program of the Ministry of Labor.
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. Store unopened combination cartridges in a cool dry place.
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 (IDLH),
 - 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 local applicable government regulations (such as OSHA standards in the U.S.) 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.

In Brazil, according to the Respiratory Protection Program of the Ministry of Labor, do not use when concentrations of contaminants are greater than 10 times the permissible exposure limit when using a half facepiece or 100 times the permissible exposure limit when using a full facepiece that has been quantitatively fit tested.

Assembly on Facepiece

1. Align cartridge notch with facepiece mark, as shown, and push together (Fig. 1).
2. Turn cartridge clockwise one quarter turn until it is firmly seated and cannot be further turned (Fig. 2).
3. Repeat for second cartridge.

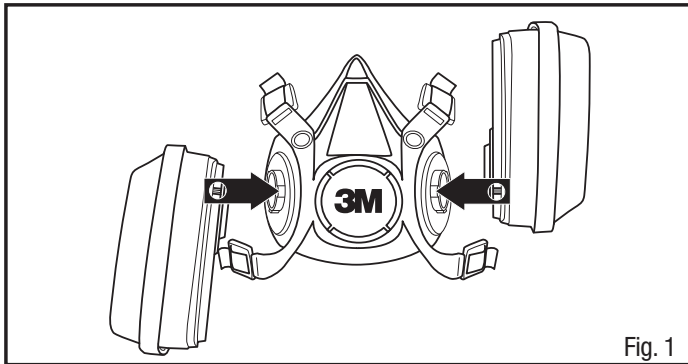


Fig. 1

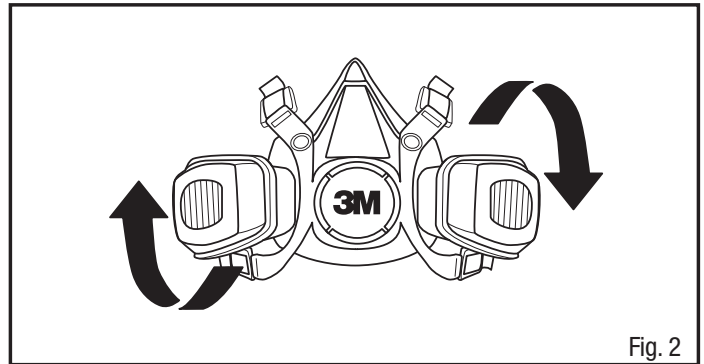


Fig. 2

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. Please see 3M Service Life Software at www.3M.com/sls.
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

3M™ Mercury Vapor, Organic Vapor and Acid Gas Cartridge, P100 60927 must be discarded within 50 hours of use against mercury vapor; or according to organic vapor, chlorine, hydrogen sulfide or sulfur dioxide service life; or when odors of vapors or gases become noticeable, whichever occurs first. Mercury vapor has no odor.

NIOSH Approval: See NIOSH Approval Label Insert

For Compliance in Brazil NOTE:

Combination Cartridge/Filter 6000 Series – Class 1, P3 SL

The cartridges assembly in the facepieces is done by bayonet lug, aligning cartridge with facepiece.

3M™ 60921: Respiratory protection against Organic Vapors – Class 1 and Particulate

3M™ 60922: Respiratory Protection against Acid Gases (chlorine gas, hydrogen chloride/sulfur dioxide or chlorine dioxide or hydrogen sulfide) – Class 1 and Particulate

3M™ 60923: Respiratory Protection against Organic Vapors/ Acid Gases – Class 1 and Particulate

3M™ 60924: Respiratory Protection against Ammonia and Methylamine – Class 1 and Particulate

3M™ 60925: Respiratory Protection against Formaldehyde and Organic Vapors – Class 1 and Particulate

3M™ 60926: Respiratory Protection against some organic vapors, chlorine gas, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen sulfide, ammonia/methylamine, formaldehyde or hydrogen fluoride (multi-gas) – Class 1 and Particulate

3M™ 60927: Respiratory Protection against Organic Vapors, Mercury Vapor, Chlorine Gas, Hydrogen Sulfide or Sulfur Dioxide Gas – Class 1 and Particulate

3M™ 60928: Respiratory Protection against Organic Vapors/ Acid Gases – Class 1 and Particulate

NOTE:

1. Do not use in deficient or enriched oxygen atmospheres.
2. Storage, Transportation and Care: store in a clean and dry place and away from contaminants and extreme temperature and humidity.
3. The components of this respirator are made of materials which are not expected to cause adverse health effects.
4. It is necessary to have special care to use this product in explosives atmospheres.

FOR MORE INFORMATION

In United States, contact:

Website: www.3m.com/workersafety
Technical Assistance: 1-800-243-4630
For other 3M products:
1-800-3M-HELPS or 1-651-737-6501

RENSEIGNEMENTS SUPPLÉMENTAIRES

Aux États-Unis :

Internet : www.3m.com/workersafety
Assistance technique : 1 800 243-4630
Autres produits 3M :
1 800 364-3577 ou 1 651 737-6501

PARA MAYORES INFORMES

En Estados Unidos:

Sitio Web: www.3m.com/workersafety
Soporte técnico: 1-800-243-4630
Para otros productos 3M:
1-800-3M-HELPS o 1-651-737-6501

PARA MAIS INFORMAÇÕES

Nos Estados Unidos, entre em contato com:

Website: www.3m.com/workersafety
Assistência Técnica: 1-800-243-4630
Para outros produtos 3M:
1-800-3M-HELPS ou 1-651-737-6501