

Particulate Filter, P100

User Instructions

IMPORTANT: Keep these User Instructions for reference.

For use only with 3M™ Facepieces 5000, 6000, 7000 and FF-400 Series according to NIOSH approval labels.

Use For Solid and liquid aerosols including oils that do not also emit harmful vapors. Metal fumes produced from welding, brazing, cutting and other operations involving heating of metals. Radioactive materials such as uranium and plutonium. Asbestos. For additional information on 3M use recommendations please consult the 3M Respirator Selection Guide found on the 3M Personal Safety Division (PSD) web site at www.3m.com/workersafety or call 1-800-243-4630 in U.S.A., in Canada call 1-800-267-4414. In Brazil, contact: 0800-0550705. Do Not Use For Do not use for gases and vapors when concentrations exceed the OSHA PEL, or applicable government regulations, whichever is lower, including those present in paint spraying operations, unless combined with approved chemical cartridges. Do not use for sandblasting. Biological Particles This filter, when used with 3M™ Facepieces 5000, 6000, 7000 and FF-400 Series can help reduce inhalation exposures to certain airborne biological particles (e.g. mold, Bacillus anthracis, Avian Influenza Viruses, 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 this filter 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 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 particles 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 dizziness, irritation, or

other distress occurs.

5. Store the filters and respirator away from contaminated areas when not in use.

6. Dispose of used filters in accordance with applicable regulations.

Use Limitations

1. These 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 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 other applicable government regulations, whichever is lower.

3. Do not alter, clean (e.g. vacuum, wash, use compressed air), abuse or misuse these filters and/or respirator.

4. Do not use with beards, 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 using a half facepiece or 100 times the permissible exposure limit using a full facepiece.

Time Use Limitations

1. If filters become damaged, soiled or breathing becomes difficult, leave the contaminated area immediately and replace the filters.

2. If used in environments containing only oil aerosols, replace filters after 40 hours of use or 30 days, whichever is first.

Assembly on Facepiece

1. Align opening of filter with filter attachment on facepiece. NOTE: The alignment mark on the filter should face the front of the facepiece.

2. Turn filter clockwise one quarter turn until it is firmly seated and cannot be further turned.
3. Repeat for second filter.

NOTE: *When using the 7093 filters with the 3M™ Respirator 5000 Series or the 6000 Series Cartridges, the 502 adaptor is required.*

NEGATIVE PRESSURE USER SEAL CHECK

3M™ Filter 7093

1. 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 (Fig. 1).
2. If face seal air leakage is detected, reposition respirator on face and/or readjust tension of straps to eliminate the leakage.

IMPORTANT: If you CANNOT achieve a proper seal, DO NOT enter the contaminated area.

See your supervisor