The 3M™ Filters 2000 Series have been developed with your respiratory protection needs in mind. Specially designed carbon layers and advanced filtration technology provide comfort and convenience.

When you’re interested in performance as well as simplicity of use and comfort, the 2000 Series filters are just what you’re looking for. Used in conjunction with 3M™ 5000, 6000, 7000 and Ultimate FX FF-400 Series Facepieces, these filters help provide respiratory protection in a variety of industrial settings. Depending on the conditions and contaminants in your work area, one of these filters should suit your needs.

Each of the 2000 Series filters can be used as stand-alone filters with 3M™ 6000, 7500, 7800 and Ultimate FX FF-400 Series Facepieces or as prefilters with 3M™ 5000 Series Respirators and 6000 Series Cartridges (use with 502 adapter).

Features/Benefits

- **Comfort.** 3M’s Advanced Electret Media (AEM) provides a lightweight protection not found in filters containing fiberglass.¹
- **Approved protection.** All of the 2000 Series filters are NIOSH approved.
- **Versatile protection.** The 2000 Series filters are well suited for a wide range of particulate contaminants found in oil and non-oil environments.

- **Simplicity.** The versatility of these filters reduces your inventory and training requirements.
- **Compatibility.** The 2000 Series filters can be used with 3M’s wide variety of half and full facepiece designs.²
- **Durability.** Unique flexible filter material enables the product to be worn in close quarters. Its rugged construction resists abrasion and wetting. Filters are flame and water resistant.
- **Economy.** The 2000 Series filters are economical to use compared to traditional filters and cartridges.

References:

1. The 2000 Series filters contain no components made from fiberglass.
2. The 2000 Series filters can be used as a stand-alone filter with 3M™ 6000, 7500, 7800 and Ultimate FX FF-400 Series Facepieces or as a prefilter with 3M™ 5000 Series Respirators and 6000 Series Cartridges (use with 502 adapter).
### Selection

<table>
<thead>
<tr>
<th>Filter</th>
<th>Use with Respirator Series</th>
<th>Use for these Contaminants</th>
<th>Suggested Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>2071</td>
<td>5000 Series 6000 Series 7000 Series Ultimate FX FF-400</td>
<td>Certain particles. Certain paint and pesticide mists (when used as a prefilter with the 3M™ 5000 or 6000 Series OV cartridge).</td>
<td>Grindng, welding, sanding, sawing, sweeping, bagging, torch cutting, brazing, soldering and other dusty, oily operations.</td>
</tr>
<tr>
<td>2076HF</td>
<td>6000 Series 7000 Series Ultimate FX FF-400</td>
<td>Certain particles and hydrogen fluoride gas. 3M recommended for nuisance level relief of acid gases.*</td>
<td>Aluminum smelting, glass etching and chemical manufacturing.</td>
</tr>
<tr>
<td>2078</td>
<td>6000 Series 7000 Series Ultimate FX FF-400</td>
<td>Certain particles. 3M recommended for nuisance level relief of organic vapors and acid gases. ** 3M recommended for ozone.***</td>
<td>Utilities operations, chemical manufacturing, welding, torch cutting, brazing, soldering and aluminum smelting.</td>
</tr>
<tr>
<td>2091</td>
<td>5000 Series 6000 Series 7000 Series Ultimate FX FF-400</td>
<td>Dusts, fumes, mists and radionuclides. Paint and pesticide mists (when used as a prefilter with the 5000 or 6000 Series OV cartridge).</td>
<td>Welding, brazing, torch cutting, metal pouring, soldering, and pharmaceutical manufacturing and OSHA substance specific particle exposures.¹</td>
</tr>
<tr>
<td>2096</td>
<td>6000 Series 7000 Series Ultimate FX FF-400</td>
<td>Dusts, fumes, mists and radionuclides. 3M recommended for nuisance level relief of acid gases.*</td>
<td>Utility operations, chemical manufacturing, aluminum smelting, pharmaceutical manufacturing, welding, brazing, soldering, torch cutting, and metal pouring and OSHA substance specific particle exposures.¹</td>
</tr>
<tr>
<td>2097</td>
<td>6000 Series 7000 Series Ultimate FX FF-400</td>
<td>Dusts, fumes, mists and radionuclides. 3M recommended for nuisance level relief of organic vapors.****</td>
<td>Chemical manufacturing, undercoating, welding, brazing, soldering, torch cutting, metal pouring, and pharmaceutical manufacturing and OSHA substance specific particle exposures.¹</td>
</tr>
</tbody>
</table>

*3M recommended for relief against nuisance levels of acid gases. Nuisance level refers to concentrations not exceeding OSHA PEL or applicable exposure limits, whichever is lower. Do not use for respiratory protection against acid gases.

**3M recommended for relief against nuisance levels of certain organic vapors and acid gases. Nuisance level refers to concentrations not exceeding OSHA PEL or applicable exposure limits, whichever is lower. Do not use for respiratory protection against organic vapors or acid gases.

***3M recommended for ozone protection up to 10 x OSHA PEL. Not NIOSH approved for ozone.

****3M recommended for relief against nuisance levels of certain organic vapors. Nuisance level refers to concentrations not exceeding OSHA PEL or applicable exposure limits, whichever is lower. Do not use for respiratory protection against organic vapors.

¹. OSHA substance specific particle exposures: -Lead, -Asbestos, -Cadmium, -Arsenic, 4,4’-Methyleneedianiline (MDA).

**IMPORTANT:** Before using these filters, the user must read the instructions included with the 5000, 6000, 7000 and Ultimate FX FF-400 Series facepieces for use instructions and limitations, approval labels and warnings.
Important
Before using these filters, you must determine the following:
1. The type of contaminant(s) for which the respirator is being selected.
2. The concentration level of contaminant(s).
3. Whether the respirator can be properly fitted on the wearer’s face. Do not use with beards, on other facial hair, or other conditions that prevent a good seal between the face and the faceseal of the respirator.
4. Before use of these respirators, a written respiratory protection program must be implemented, meeting all the requirements of OSHA 29 CFR 1910.134, including training, medical evaluation and fit testing.

Time Use Limitation
If filter becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area immediately and dispose of the filter. If used in environments containing only oil aerosols, dispose of filter after 40 hours of use or 30 days, whichever is first.

Do Not Use For:
• Gases and vapors above the OSHA PEL, including those present in paint spraying operations, unless combined with approved chemical cartridges.
• Aerosol concentrations that exceed:
  – 10 times the permissible exposure limit (PEL) with half facepiece, or
  – 10 times the PEL with full facepiece qualitatively fit tested, or
  – 50 times the PEL with full facepiece quantitatively fit tested, or
  – applicable government regulations, whichever is lower.

<table>
<thead>
<tr>
<th>Filters Per Bag</th>
<th>Filters Per Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>100</td>
</tr>
</tbody>
</table>

For more information, please contact:

3M Occupational Health and Environmental Safety Division (OH&ESD)

In the U.S., contact:
Customer Service
1-800-328-1667
Technical Assistance
1-800-243-4630
Website
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For other 3M products
1-800-3M HELPS

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