

Filters 2000 Series

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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.

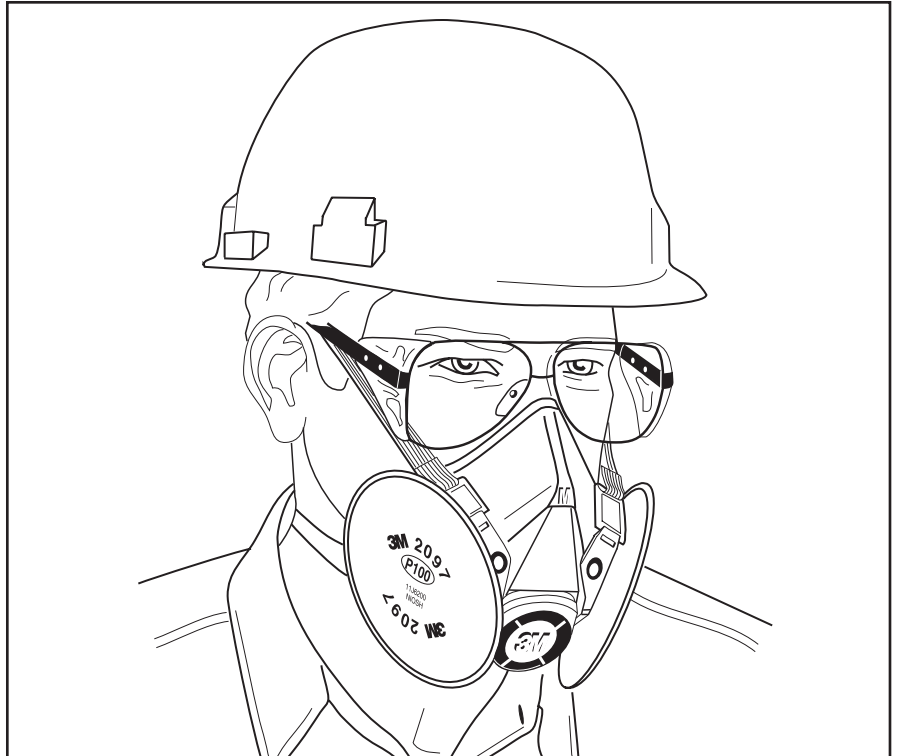
Each of the 2000 Series filters can be used as stand-alone filters with 3M™ 6000, 7500, 7800 and Ultimate FX FF-400 Series Facepieces or as prefilters with 3M™ 5000 Series Respirators and 6000 Series Cartridges (use with 502 adapter).

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.



WARNING

These filters help protect against certain particles. **Misuse may result in sickness or death.** Before use, the wearer must read and understand *User Instructions* provided as a part of product packaging. Time use limitations may apply. For proper use, see package instructions, supervisor or call 3M OH&ESD Technical Service in U.S.A., 1-800-243-4630. In Canada, call 1-800-267-4414.

Additional use instructions, product limitations, approval labels, and warnings are included with each facepiece and filter package.

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

Filter	Use with Respirator Series	Use for these Contaminants	Suggested Applications
 2071 Rating: P95	5000 Series	Certain particles. Certain paint and pesticide mists (when used as a prefilter with the 3M™ 5000 or 6000 Series OV cartridge).	Grinding, welding, sanding, sawing, sweeping, bagging, torch cutting, brazing, soldering and other dusty, oily operations.
	6000 Series		
	7000 Series		
	Ultimate FX FF-400		
 2076HF Rating: P95	6000 Series	Certain particles and hydrogen fluoride gas. 3M recommended for nuisance level relief of acid gases.*	Aluminum smelting, glass etching and chemical manufacturing.
	7000 Series		
	Ultimate FX FF-400		
 2078 Rating: P95	6000 Series	Certain particles. 3M recommended for nuisance level relief of organic vapors and acid gases.** 3M recommended for ozone.***	Utilities operations, chemical manufacturing, welding, torch cutting, brazing, soldering and aluminum smelting.
	7000 Series		
	Ultimate FX FF-400		
 2091 Rating: P100	5000 Series	Dusts, fumes, mists and radionuclides. Paint and pesticide mists (when used as a prefilter with the 5000 or 6000 Series OV cartridge).	Welding, brazing, torch cutting, metal pouring, soldering, and pharmaceutical manufacturing and OSHA substance specific particle exposures. ¹
	6000 Series		
	7000 Series		
	Ultimate FX FF-400		
 2096 Rating: P100	6000 Series	Dusts, fumes, mists and radionuclides. 3M recommended for nuisance level relief of acid gases.*	Utility operations, chemical manufacturing, aluminum smelting, pharmaceutical manufacturing, welding, brazing, soldering, torch cutting, and metal pouring and OSHA substance specific particle exposures. ¹
	7000 Series		
	Ultimate FX FF-400		
 2097 Rating: P100	6000 Series	Dusts, fumes, mists and radionuclides. 3M recommended for nuisance level relief of organic vapors.****	Chemical manufacturing, undercoating, welding, brazing, soldering, torch cutting, metal pouring, and pharmaceutical manufacturing and OSHA substance specific particle exposures. ¹
	7000 Series		
	Ultimate FX FF-400		

*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'-Methylenedianiline (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.

Filters Per Bag	Filters Per Case
2	100

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.

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 facepiece 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.



Occupational Health and Environmental Safety Division
3M Center, Building 235-2E-91
St. Paul, MN 55144-1000

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
www.3M.com/OccSafety

For other 3M products
1-800-3M HELPS

In Canada, contact:

3M Canada Company, OH&ESD
P.O. Box 5757
London, Ontario N6A 4T1

Customer Care
1-800-364-3577

Technical Assistance (Canada only)
1-800-267-4414

Website
www.3M.ca/safety

Technical Assistance In Mexico

01-800-712-0646
5270-2255, 5270-2119 (Mexico City only)

Technical Assistance In Brazil
0800-132333