2076HF, P95 Particulate/Hydrogen Fluoride Cartridge with Nuisance Level Acid Gas Relief[2]

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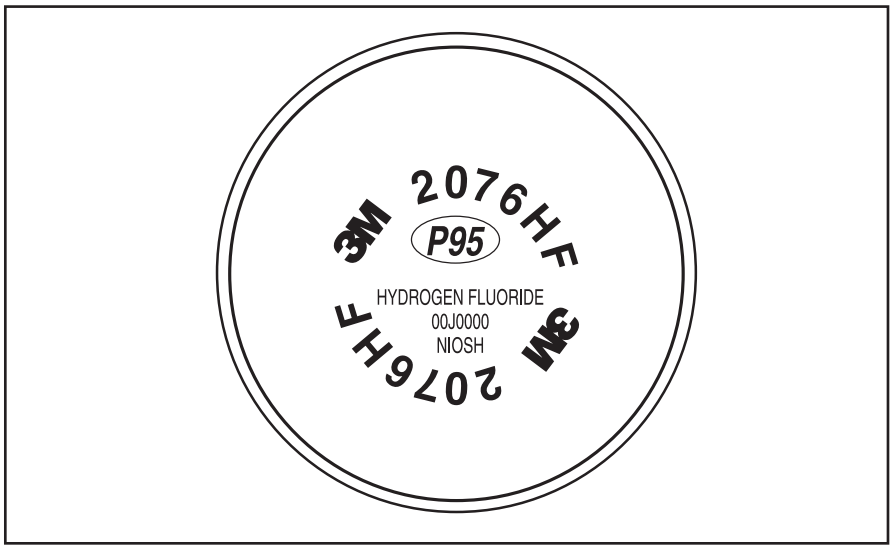
The 3M™ 2076HF, P95 Cartridge featuring 3M™ Advanced Electret Media has been developed with your respiratory needs in mind.

The 2076HF provides you and your workers:

- **NIOSH approved P95.** At least 95% filtration efficiency against solid and liquid aerosols including oils.[1]
- **Comfort.** The uniquely designed 2076HF cartridge is lighter and easier to breathe through than cartridge/filter combinations.
- **Versatile protection.** The 2076HF is well suited for a wide range of oil and non-oil based particulate contaminants, hydrogen fluoride and nuisance levels of acid gases.[2]
- **Economy.** The 2076HF is attractively priced in comparison to filter/cartridge combinations.
- **Simplicity.** The versatility of this filter reduces your inventory and training requirements.
- **Compatibility.** The 2076HF can be used with 3M's wide variety of half and full facepieces.[3]
- **Durability.** The unique flexible filter material resists abrasion and wetting. Filters are flame and water resistant.



3M™ 2076HF, P95 Particulate/Hydrogen Fluoride Cartridge

Suggested Applications:



- Aluminum smelting



- Glass Etching
- Chemical manufacturing



⚠ 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. Tested against particles approximately 0.3 micron in size (mass median aerodynamic diameter) per 42 CFR 84.

2. 3M recommended for relief against nuisance level acid gas. Nuisance level refers to those concentrations below OSHA permissible exposure limits or applicable government occupational exposure limits, whichever is lower. Do not use for respiratory protection against acid gases, except Hydrogen Fluoride.

3. The 2076HF cartridge can be used as a stand-alone cartridge 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).

3M™ 2076HF, P95 Particulate/Hydrogen Fluoride Cartridge with Nuisance Level Acid Gas Relief*

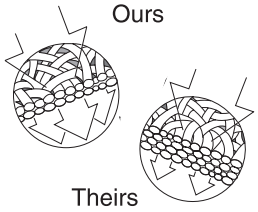
Use For:

- Solids such as those from processing minerals, coal, iron ore, cotton, flour, and certain other substances.
- Liquid or oil based particles from sprays that do not also emit **harmful** vapors.
- Metal fumes produced from welding, brazing, cutting and other operations involving heating of metals.
- Hydrogen Fluoride gas up to 10 times PEL. Relief from nuisance levels of acid gases* such as Sulfur Dioxide and/ or Chlorine below the OSHA PEL or applicable government standards, whichever is lower.

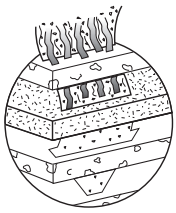
Do Not Use For:

- Gases and vapors other than Hydrogen Fluoride, when concentrations exceed the OSHA PEL, or applicable government standards, whichever is lower, including those present in paint spray operations, unless combined with approved chemical cartridges.
- Asbestos.
- Sandblasting.
- Oxygen deficient atmospheres.
- 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.

Technologies



Advanced Electret Media
Advanced electrostatically charged microfibers make breathing easier and cooler.



Odor-Removing Filter Material
Carbon layers remove many nuisance level odors for greater comfort and productivity.



P-Series Filter
Featuring Advanced Electret Media, appropriate for prolonged use in both oil- and non-oil-containing environments.

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, 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.

*** 3M recommended** for relief against nuisance level organic acid gas. Nuisance level refers to those concentrations below OSHA permissible exposure limits or applicable government occupational exposure limits, whichever is lower. Do not use for respiratory protection against organic acid gases, except Hydrogen Fluoride.

Filters Per Bag	Filters Per Case
2	100

Time Use Limitation

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

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

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