

3M™ Reusable Respirators



Comfort, Trust, Versatility

Hazardous substances are formed in many industries and applications. To help you provide the right product solution, 3M assists in identifying and assessing the risk in your working environment. 3M's reusable respirators can be used with a broad range of cartridges and filters that help reduce exposure to gases, vapors and particles.

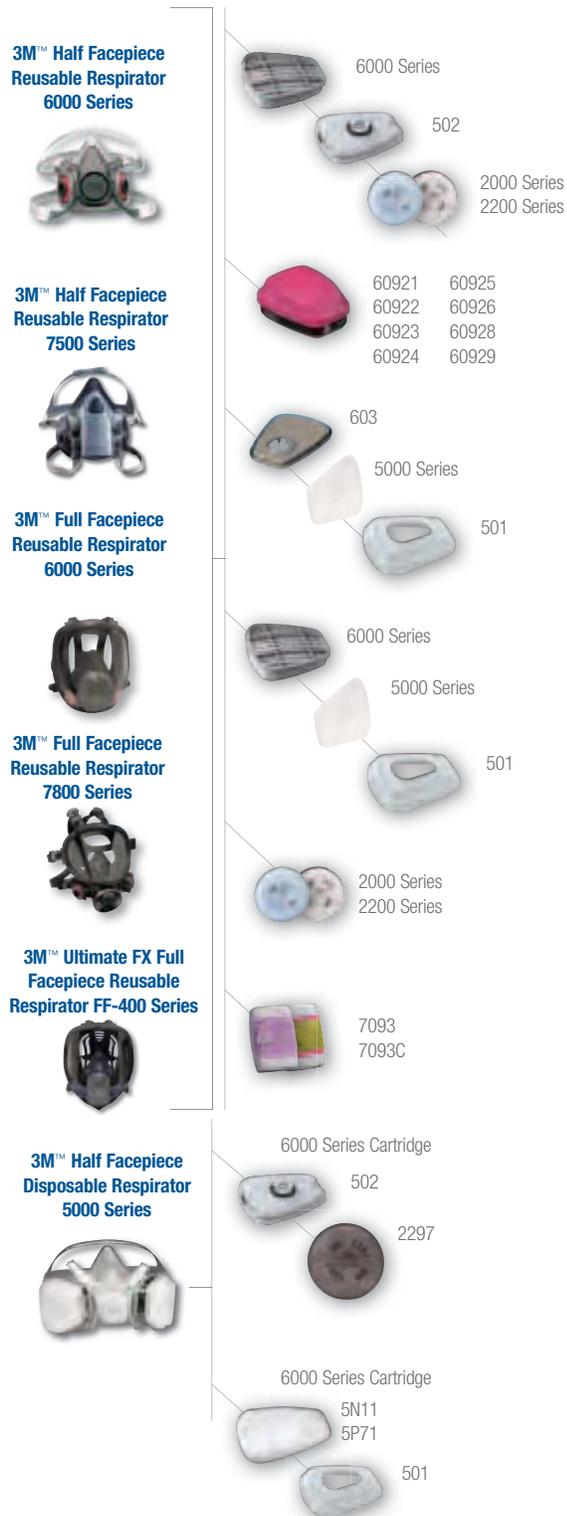
For a variety of use conditions, Half and Full Facepieces by 3M offer comfort, convenience and durability.

The selection of respiratory protection equipment follows a basic 3M method:

- **Identify the Hazards – dusts, metal fumes, gases, vapors, etc.**
- **Assess the Risk – assess the hazard levels against safety standards and consider other protection – skin, eye and body**
- **Select the Right Respirator and Cartridge/Filter –** the 3M™ Respirator Selection Software and Respirator Selection Guide will help determine which respirator is suggested for a given exposure situation. It includes data on 800+ chemicals, including gases, vapors and particulates. Visit 3M.com/RespGuide to utilize this software or to view a PDF of the Respirator Selection Guide.
- **Train in Fitting and Use – to optimize respiratory protection**
- **Develop cartridge/filter replacement plan –** The cartridge and filter replacement plan implements a process that helps employees replace their cartridges and filters at the appropriate time. To help establish how frequently cartridges should be replaced, visit 3M™ Service Life Software at www.3M.com/SLSWeb/home.html. To establish filter replacement frequency, visit Understanding P-Series Particulate Filters at 3M.com/filterchange. Contact your 3M Sales Representative if you have questions on the timing of cartridge or filter replacements.

Respirator and Filter/Cartridge Matrix

Possible combinations for 3M facepieces, cartridges, filters, retainers and adapters.



See 3M.com/PPESafety for more product selection.



Full Facepiece Respirators*

3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400 Series

FF-401 (S) UPC: 50051135894182 (89418)

FF-402 (M) UPC: 50051135894212 (89421)

FF-403 (L) UPC: 50051135894243 (89424)

Features and Benefits

- Large lens featuring Scotchgard™ Protector
- Passive speaking diaphragm
- Bonded silicone gaskets
- Easy to use
- Durable, long-lasting head harness
- Comfort cradle
- Soft, silicone nose cup and face seal
- 3M™ Cool Flow™ Exhalation Valve
- Available in three sizes
- Six adjustable straps help provide a secure fit
- May be used in air purifying respirator (APR) and supplied air modes



Other Full Facepiece Reusable Respirators



3M™ Full Facepiece Reusable Respirator 6000 Series

6700 (S) UPC: 50051138541458 (07138)

6800 (M) UPC: 50051138541465 (07139)

6900 (L) UPC: 50051138541595 (07140)

Features and Benefits

- Large lens provides wide field of vision and excellent visibility
- 3M™ Cool Flow™ Exhalation Valve
- Lightweight, well-balanced design with silicone face seal for enhanced comfort and durability
- May be used in air purifying respirator (APR), supplied air and powered air purifying respirator (PAPR) modes
- Available in three sizes



3M™ Full Facepiece Reusable Respirator 7000 Series

7800S (S) UPC: 00051138542573

7800S (M) UPC: 00051138542580

7800S (L) UPC: 00051138542597

Features and Benefits

- Silicone facepiece enhances fit and improves durability
- Six adjustable straps help provide a secure fit
- Can be used with a passive or electronic clip-on welding lens
- May be used in air purifying respirator (APR), supplied air and powered air purifying respirator (PAPR) modes
- Available in three sizes

Typical Applications for 3M™ Full Facepiece Respirators

- Chemical manufacturing
- Manufacturing
- Oil & Gas
- Painting
- Abatement

*For full line of products, see page 71.

3M Automotive Aftermarket Division (AAD) product numbers are found in blue type on select products.

For information on the full range of cartridges and filters, visit 3M.com/PPESafety.

3M™ Reusable Respirators



Half Facepiece Respirators*

3M™ Half Facepiece Reusable Respirator 7500 Series

7501 (S) UPC: 50051131370819 (37081)

7502 (M) UPC: 50051131370826 (37082)

7503 (L) UPC: 50051131370833 (37083)

Features and Benefits

- Soft feel silicone
- Adjustable head cradle
- Dual-mode head harness
- Unique exhalation valve cover
- 3M™ Cool Flow™ Exhalation Valve
- Available in three sizes

Typical Applications

- Sanding and grinding
- Painting Safety
- Remediation Safety
- Cement work
- Emergency Response
- Agriculture
- Manufacturing (ship building to steel mills)
- Chemical Manufacturing
- Oil & Gas



Other Half Facepiece Reusable Respirators

3M™ Half Facepiece Reusable Respirator 6000 Series



6100 (S) UPC: 50051131070245 (07024)

6200 (M) UPC: 50051131070252 (07025)

6300 (L) UPC: 50051131070269 (07026)

Features and Benefits

- Facepiece made from soft, lightweight material
- Available with a standard or drop-down head harness option
- Drop-down model allows wearer to lower the respirator without removing hard hat or faceshield
- Head harness assembly and spare parts are available
- Available in three sizes

3M™ Half Facepiece Disposable Respirator 5000 Series

51P71 (S) UPC: 50051138660685 (07191)

52P71 (M) UPC: 50051138660692 (07192)

53P71 (L) UPC: 50051138660708 (07193)

Features and Benefits

- Easy to use and convenient
- Pre-assembled with permanently attached cartridges; no maintenance necessary
- Facepiece made from soft, lightweight material
- Available in three sizes

Typical Applications

- Spray painting
- Intermittent respirator use
- Plant shutdowns and turnarounds
- Dirty applications where respirators wear out or become difficult to clean in a short time



*For full line of products, see pages 70 and 71.

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See 3M.com/PPESafety for more product selection.



Cartridges and Filters*

All 3M™ Particulate Filters and Gas/Vapor Cartridges can be used interchangeably with 3M™ Reusable Respirators 6000, 7000 and FF-400 Series.

What types of 3M™ Filters and Cartridges are there?

3M™ Particulate Filters: Filters either non-oil or both non-oil and oil aerosols (e.g., dust, mists, fumes, smoke, mold, bacteria, etc). Some filters also have nuisance level gas and vapor capabilities. Nuisance level refers to exposure levels that are less than applicable exposure limits.



3M™ Gas and Vapor Cartridges: Filters only gases and vapors. There are different kinds of cartridges for different kinds of gases and vapors.



3M™ Combination Cartridge/Filters: Filters particles, gases and vapors. Different combination particulate/cartridge filters are used depending on the gas or vapor present in the air.



When do I replace my 3M™ Particulate Filters?

For guidance on filter replacement frequency, visit 3M.com/filterchange.

When do I replace 3M™ Gas & Vapor Cartridges?

To help establish how frequently cartridges should be replaced, visit www.3M.com/SLSWeb/home.html to access 3M™ Service Life Software.

For information on the full range of cartridges and filters, visit 3M.com/PPESafety.

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