

## 3M™ Half Facepiece Reusable Respirator 6000 Series

Compatible, convenient respiratory protection

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



Standard

6100 (Small)  
6200 (Medium)  
6300 (Large)



Drop-down

6100DD (Small)  
6200DD (Medium)  
6300DD (Large)



## 3M™ Half Facepiece Disposable Respirator 5000 Series

Balanced design, disposable convenience

- Easy to use and convenient
- Pre-assembled with permanently attached cartridges; no maintenance necessary
- Facepiece is made from soft, lightweight material
- Ideally suited for:
  - Intermittent respirator use
  - Plant shutdowns and turnarounds
  - Dirty applications where respirators wear out or become difficult to clean in a short time



5101 Organic Vapor Respirator (Small)  
5201 Organic Vapor Respirator (Medium)  
5301 Organic Vapor Respirator (Large)

5103 Organic Vapor/Acid Gas Respirator (Small)  
5203 Organic Vapor/Acid Gas Respirator (Medium)  
5303 Organic Vapor/Acid Gas Respirator (Large)

51P71 P95 Paint Spray/Pesticide Assembly (Small)  
52P71 P95 Paint Spray/Pesticide Assembly (Medium)  
53P71 P95 Paint Spray/Pesticide Assembly (Large)



## Identify the Hazards

Applications and Industries	Potential Hazards	Cartridge/Filter Options*
Spray Painting, Varnishing, Staining & Coating	Solvent-based	OV/P95
	Water-based Latex	Nuisance OV**/P95
Sanding & Grinding	Particulate	N95
Welding	Weld Fume	N95
	Stainless Steel & Galvanized	Nuisance OV**/P95
Abatement	Lead & Asbestos	P100
	Mold	N95 - P100/ Nuisance OV**
Cement Work	Silica/Dust	N95
Cleaning & Janitorial	Bleach	AG/P95
	Ammonia	AM/MA/P95
	General Cleaning Products	OV/P95
Agriculture	Pesticides & Insecticides	OV/AG/P95 - P100
Construction	Particulate	N95
Manufacturing	Solvents	OV
	Particulate	N95
Pharmaceutical Manufacturing	Particulate	N95/P100
Chemical Manufacturing	Sulfur Dioxide, Chlorine	AG/P95
	Ammonia	AM/MA/P95

\*Respirator facepiece or system must be chosen based on the contaminant, airborne concentration and the necessary assigned protection factor.

\*\*Nuisance level refers to concentrations below the Occupational Exposure Limit (OEL) or other applicable government regulations, whichever is lower.

If you are uncertain of the concentration levels of contaminants or recommended levels of respiratory protection, contact the 3M Technical Service Helpline at 1-800-243-4630.

This guide is only an outline. It should not be used as the only means for selecting a respirator. Details regarding performance and limitations are set out on the respirator package and *User Instructions*. Before using any of these respirators, the wearer must read and understand the User Instructions for each product.



## Select the Right Respirator

	5000	6000 HF	6500	7500	6000 FF	FF-400	7800S
Enhanced Durability			●	●		●	●
Maintenance Free	●						
Enhanced Comfort			●	●	●	●	
Drop-down Feature		●*	●**	●			
3M™ Cool Flow™ Valve			●	●	●	●	
Compatible with 3M™ Supplied Air System		●	●	●	●	●	●
Compatible with 3M™ PAPR Systems					●	●	●
Eye Protection					●	●	●
Speaking Diaphragm						●	●
Accessories					●	●	●
Spare Parts		●	●	●	●	●	●
Six-point Head Harness						●	●
Silicone Face Seal			●	●	●	●	●
Compatible with Welding Shield		●	●				
Clip-on Welding Shield							●

\*6000DD Version.

\*\*6500QL Version.

# Find a Combination that Works Best for You



6000 Series



6500 Series



7500 Series



6000 Series



Ultimate FX  
FF-400



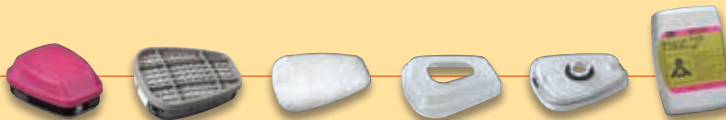
7800 Series



Particulate Protection



Gas and Vapor Protection



Combines Particulate  
and Gas and Vapor  
Protection



Dual Airline Supplied Air Respirator

For all 6000, 7000  
and FF-400 Series  
Respirators



Face-mounted PAPR<sup>†</sup>  
(available for 6000 FF only)

Belt-mounted PAPR<sup>†</sup>

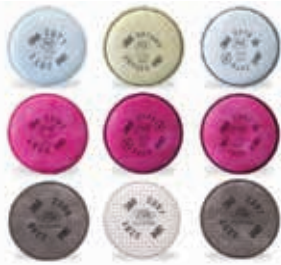
For 6000 and 7000\*  
Series Full Facepiece  
Respirators

<sup>†</sup>Powered Air Purifying Respirator  
\*Belt-mounted PAPR only

# 3M™ Particulate Filters and Gas/Vapor Cartridges

All 3M Particulate Filters and Gas/Vapor Cartridges can be used interchangeably with 3M™ Reusable Respirators 6000, 6500, 7000 and FF-400 Series.

## 3M™ Particulate Filters 2000 Series



- Lightweight and easy to breathe through
- Assortment of filters available for a wide range of applications
- Easier breathing through new 3-layer advanced Electret Filter Media in 2200 Series Filters

Part Number	Description
2071	Particulate Filter, P95
2076HF	Particulate Filter, Hydrogen Fluoride/P95, with Nuisance Level Acid Gas Relief*
2078	Particulate Filter, P95, with Nuisance Level Organic Vapor/Acid Gas Relief*
2091	Particulate Filter, P100
2096	Particulate Filter, P100, with Nuisance Level Acid Gas Relief*
2097	Particulate Filter, P100, with Nuisance Level Organic Vapor Relief*
2291	Advanced Particulate Filter, P100
2296	Advanced Particulate Filter, P100, with Nuisance Level Acid Gas Relief*
2297	Advanced Particulate Filter, P100, with Nuisance Level Organic Vapor Relief*

## 3M™ Particulate Filter 7093, P100

- Unique, spring-loaded filter cover design simplifies negative pressure user seal checks
- Swept-back design provides enhanced field of view and greater comfort
- 7093C offers a lightweight, low profile design that combines P100 filtration with carbon-loaded features found in heavier combination cartridge products



7093	Particulate Filter, P100
7093B	Particulate Filter, P100, Bulk
7093C	Cartridge/Filter, Hydrogen Fluoride, P100 with Nuisance Level Organic Vapor and Acid Gas Relief*

## 3M™ Gas/Vapor Cartridges 6000 Series



- Low-profile design helps maintain good field of vision
- Full range of cartridges to meet your needs

6001	Cartridge, Organic Vapor
6002	Cartridge, Acid Gas**
6003	Cartridge, Organic Vapor/Acid Gas**
6004	Cartridge, Ammonia/Methylamine
6005	Cartridge, Formaldehyde/Organic Vapor
6006	Cartridge, Multi Gas/Vapor**
6009	Cartridge, Mercury Vapor or Chlorine

## 3M™ Combination Cartridges/P100 Particulate Filters 6000 Series



- Particulate filter is permanently attached to cartridge for easy, one-step assembly
- Unique design for enhanced comfort and visibility

60921	Cartridge/Filter, Organic Vapor/P100
60922	Cartridge/Filter, Acid Gas/P100**
60923	Cartridge/Filter, Organic Vapor/Acid Gas/P100**
60924	Cartridge/Filter, Ammonia/Methylamine/P100
60925	Cartridge/Filter, Formaldehyde/Organic Vapor/P100
60926	Cartridge/Filter, Multi-Gas/Vapor/P100**
60928	Cartridge/Filter, Organic Vapor/Acid Gas/P100**†
60929	Cartridge/Filter, Mercury Vapor/Chlorine Gas/P100

\* 3M recommended for relief against nuisance levels of organic vapors and acid gases. Nuisance level organic vapor and acid gas refers to concentrations not exceeding OSHA PEL or applicable government occupational exposure limits, whichever is lower. Do not use for respiratory protection against acid gases or organic vapors (except hydrogen fluoride).

\*\* Reminder: These cartridges are approved for respiratory protection from hydrogen sulfide gas up to 10 times the permissible exposure limit (PEL) with half facepiece respirators and full facepiece respirators when qualitatively fit tested, or up to less than 300 parts per million (ppm) with full facepiece respirators when quantitatively fit tested or according to specific OSHA standards or applicable government regulations, whichever is lower. 300 ppm is the concentration considered Immediately Dangerous to Life or Health (IDLH) for hydrogen sulfide.

† As recommended by the California Department of Pesticide Regulation No. 01-009-Methyl Bromide Field Fumigation. 3M recommended for use against radioiodine and methylbromide. Note: not NIOSH approved for methylbromide or radioiodine.

### For More Information

#### In the United States, contact:

Technical Service  
1-800-243-4630

Customer Service  
1-800-328-1667

Internet  
[www.3M.com/PPESafety](http://www.3M.com/PPESafety)

#### In Canada, contact:

Technical Service  
1-800-267-4414

3M Canada Customer Care  
1-800-364-3577

Internet  
[www.3M.ca/safety](http://www.3M.ca/safety)

#### For other 3M products:

Technical Service  
1-800-3M-HELPS



Personal Safety Division  
3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000

3M, Scotchgard and Cool Flow are trademarks of 3M Company, used under license in Canada. Please recycle. Printed in U.S.A.  
© 2013 3M Company.  
All Rights Reserved.  
70-0710-9082-6

**WARNING**

These respirators help protect against certain airborne contaminants. **Misuse may result in sickness or death.** For proper use, the wearer must read and understand *User Instructions* provided as a part of product packaging, see supervisor, or call 3M PSD Technical Service, 1-800-243-4630. Time use limitations may apply.

**Important**—Before using these respirators, 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. All respirator instructions, warnings and use and time limitations must also be read and understood by the wearer before use. 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 and fit testing.