

# 3M™ Half and Full Facepiece Respirators

**Unsurpassed comfort.  
Maximum versatility.**



**100**  
A CENTURY  
of INNOVATION

**3M** *Innovation*

# 3M™ Half Facepiece Respirators

## Ultimate reusable for comfort and durability

### New 3M™ Half Facepiece Respirators 7500 Series Ultimate Reusable

State-of-the-art features help provide unsurpassed comfort.

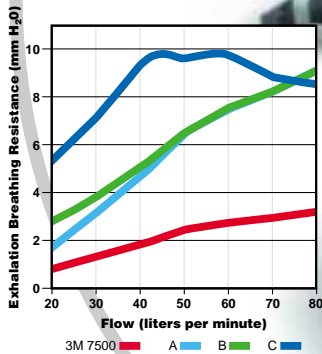


#### 3M™ Cool Flow™ Exhalation Valve

New valve design helps make breathing easier, and helps reduce heat and moisture buildup in the facepiece.

#### The Cool Flow valve opens easier.

The chart below shows exhalation breathing resistance on competitive half facepiece respirators. As you can see, the 7500 Series has measurably lower exhalation breathing resistance at all work levels tested.



Helps reduce ring around the nose.



#### New Soft Seal Design

- Advanced silicone material provides a softer feel on the face.
- Unique adjustment design helps reduce tension and pressure points on the face for unsurpassed comfort.



#### Dual-mode head harness

Unique head harness design adjusts easily so user has the option of wearing the respirator in either traditional or drop-down mode.



Available in three color-coded sizes for easy identification.



Small <sup>11</sup>



Medium <sup>12</sup>



Large <sup>13</sup>

#### Ordering Information

Part Number	Description
7501	Half Facepiece, Silicone, Small
7502	Half Facepiece, Silicone, Medium
7503	Half Facepiece, Silicone, Large

#### Durable and heat-resistant

- Made from soft, resilient silicone and heat-resistant plastics.
- Yoke won't get hot to the touch like metal yokes.

## Reusable, economical protection

### 3M™ Half Facepiece Respirators 6000 Series Reusable



- The economical choice to either keep or toss.
- Facepiece is made from soft, lightweight thermoplastic elastomer.
- Available with a standard or drop-down head harness option. Drop-down model allows wearers to lower the respirator without removing hardhat or faceshield.
- Head harness assembly and spare parts available.



#### Ordering Information

Part Number		Description
Standard	Drop Down	
6100	6100DD	Half Facepiece, Small
6200	6200DD	Half Facepiece, Medium
6300	6300DD	Half Facepiece, Large

## Disposable, maintenance-free protection

### 3M™ Half Facepiece Respirators 5000 Series Disposable

- Simple and convenient—minimal training required.
- Pre-assembled with permanently attached cartridges; no maintenance necessary.
- Facepiece made from soft, lightweight thermoplastic elastomer.
- 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



#### Ordering Information

Available in three sizes and with a variety of pre-assembled cartridges and filters. Please call your sales representative for ordering information.



### Which 3M half facepiece respirator is right for you?

The 5000 series has permanently attached cartridges, but the 6000 and 7500 series use interchangeable cartridges/filters, making standardization simple and cost-effective.

	Comfort	Durability	Versatility	Facepiece Material	Respirator Maintenance Program
<b>5000 Disposable</b>	Very Good	Very Good	Air Purifying Only	Thermoplastic Elastomer	Little or None
<b>6000 Reusable</b>	Very Good	Very Good	3 System Configurations	Thermoplastic Elastomer	Limited or Ongoing
<b>7500 Ultimate Reusable</b>	Excellent	Excellent	3 System Configurations	Silicone	Ongoing

# 3M™ Full Facepiece Respirators

## Ultimate reusable for full face respirator protection 3M™ Full Facepiece Respirators 7000 Series Ultimate Reusable

- Available in 11 different modes—from negative-pressure air purifying to SCBA. Excellent choice for standardizing your entire facility’s respiratory requirements.
- Light silicone facepiece enhances fit and improves durability.
- Extra-large inhalation and exhalation valves make breathing easier.
- Double-flange face seal and six adjustable straps help provide a secure fit.



### Ordering Information

Part Number	Description
7800S-S	Full Facepiece, Silicone, Small
7800S-M	Full Facepiece, Silicone, Medium
7800S-L	Full Facepiece, Silicone, Large
7990	<b>NEW!</b> Welding Faceshield Kit
7991	<b>NEW!</b> Electronic Lens



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## Economical choice for reusable full face respirator protection 3M™ Full Facepiece Respirators 6000 Series Reusable

- Lightweight design with silicone face seal enhances comfort and improves durability.
- Wide field of vision helps wearers feel safe.
- Available in six different modes; can be used with both negative- and positive-pressure systems.



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### Ordering Information

Part Number	Description		
	DIN Adapter	Pressure Demand Adapter	
6700	6700DIN	6700PD	Full Facepiece, Small
6800	6800DIN	6800PD	Full Facepiece, Medium
6900	6900DIN	6900PD	Full Facepiece, Large

## Which 3M full facepiece respirator is right for you?

3M full facepiece respirators use the same interchangeable cartridges/filters as our half facepieces, making standardization with any respirator you choose simple and cost-effective.

	Durability	Versatility	Facepiece Material	Welding Attachment	Speaking Diaphragm
<b>6000 Reusable</b>	Good	6 System Configurations	Thermoplastic Elastomer with Silicone Face Seal	No	No
<b>7000 Ultimate Reusable</b>	Excellent	11 System Configurations	Silicone	Yes	Yes

# Standardization and compliance have never been easier

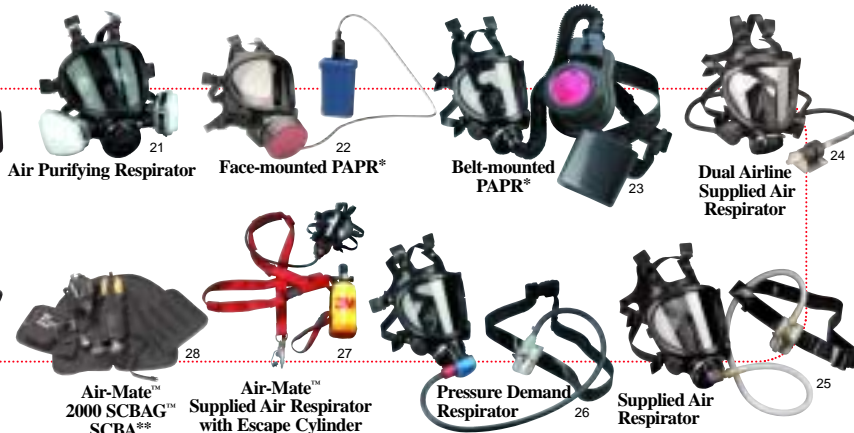
3M offers you the widest selection of respiratory protection products in the industry, making it easy for you to choose 3M as your preferred respiratory protection provider. Standardizing with 3M means providing your employees with the most comfortable protection available.

## 3M™ Full Facepiece Respirators

### 7000 Ultimate Reusable



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21 Air Purifying Respirator

22 Face-mounted PAPR\*

Belt-mounted PAPR\*

24 Dual Airline Supplied Air Respirator

28 Air-Mate™ 2000 SCBAG™ SCBA\*\*

27 Air-Mate™ Supplied Air Respirator with Escape Cylinder

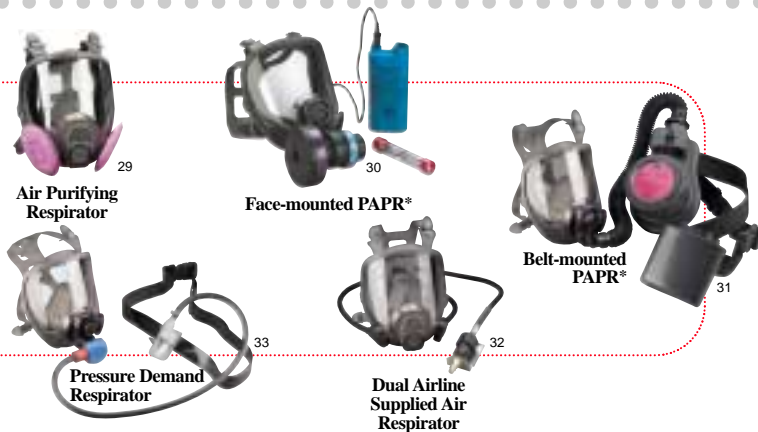
26 Pressure Demand Respirator

25 Supplied Air Respirator

### 6000 Reusable



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29 Air Purifying Respirator

30 Face-mounted PAPR\*

Belt-mounted PAPR\*

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33 Pressure Demand Respirator

32 Dual Airline Supplied Air Respirator

\*Powered Air Purifying Respirator  
\*\*Self-Contained Breathing Apparatus

## 3M™ Half Facepiece Respirators

### 7500 Ultimate Reusable



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Air Purifying Respirator



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Dual Airline Supplied Air Respirator

### 6000 Reusable



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Air Purifying Respirator



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Dual Airline Supplied Air Respirator

### 5000 Disposable



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Air Purifying Respirator

# 3M™ Particulate Filters and Gas/Vapor Cartridges

All these filters and cartridges can be used interchangeably with 3M™ Half and Full Facepieces 6000, 7500 and 7000 Series.

## Ordering Information

### 3M™ Particulate Filters 2000 Series



- Lightweight and easy to breathe through.
- Assortment of filters available for a wide range of applications.

\* Nuisance level refers to concentrations below current OSHA PELs.

\*\* 3M recommended for ozone protection up to 10 times the OSHA PEL. NOTE: This product is not NIOSH approved for ozone protection.

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 and Ozone Protection* **
2091	Particulate Filter, P100
2096	Particulate Filter, P100, with Nuisance Level Acid Gas Relief*
2097	Particulate Filter, P100, with Nuisance Level Organic Vapor Relief and Ozone Protection* **

### 3M™ Particulate Filter 7093, P100

- Newly designed for higher-heat applications.
- Innovative air inlet design creates a channeled airflow that reduces premature clogging.
- No need to tape off the filter during showering or decontamination.
- Improved filter technology provides up to 25% improvement in breathing resistance.
- Unique, spring-loaded filter cover design simplifies negative pressure user seal checks.

**NEW!**



7093	Particulate Filter, P100 4 filters/bag, 3 bags/carton, 5 cartons/case = 60 each
7093-B	Particulate Filter, P100, Bulk 4 filters/bag, 36 bags/case = 144 each

### 3M™ Chemical Cartridges 6000 Series



- Low-profile design helps maintain good field of vision.

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

\*As recommended by the California Department of Pesticide Regulation No. 01-009-Methyl Bromide Field Fumigation.

## For more information

### In the United States, contact:

Technical Assistance  
1-800-243-4630  
Sales Assistance  
1-800-896-4223  
Fax-on-Demand  
1-800-646-1655  
Internet  
www.3M.com/occsafety  
E-mail  
occsafety@mmm.com

### In Canada, contact:

Technical Assistance  
1-800-267-4414  
Marketing  
3M Canada Company, OH&ES  
1-800-265-1840, ext. 6137  
Internet  
www.3M.com/CA/occsafety  
E-mail  
ohes@ca.mmm.com

### For other 3M products:

1-888-3M-HELPS  
or 1-651-737-6501

## WARNING



These respirators help reduce exposure to 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 OH&ESD 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.



### General Offices

3M Center  
St. Paul, MN 55144-1000



Minimum 10% Post-Consumer Fiber

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