3M[™] Reusable Respirators

Image: Window Structure Image: Window Structure Image: Window Structure Image: Window Structure Image: Window Structure





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

Comfortable, durable protection for demanding, X-treme conditions

The lightweight Ultimate FX FF-400 was developed to provide maximum comfort and durability with unique features that make it the optimal choice for a variety of industrial applications:



3M[™] Full Facepiece Reusable Respirator 6000 Series

Reliable, convenient, compatible protection

- Unique center adapter directs exhaled breath and moisture downward, and helps reduce debris from depositing in the valve. Smooth surface allows for quick and easy cleaning
- Large lens provides wide field of view and excellent visibility
- 3M[™] Cool Flow[™] Valve helps provide cool, dry comfort
- Meets requirements of ANSI Z87.1-2010 for high impact (Z87+)
- Lightweight, well-balanced design with silicone faceseal for enhanced comfort and durability
- Available in air purifying respirator (APR), supplied air and powered air purifying respirator (PAPR) modes

6700 (Small) 6800 (Medium) 6900 (Large)



3M[™] Full Facepiece Reusable Respirator 7800S Series

7800S-S (Small) 7800S-M (Medium) 7800S-L (Large)

Designed for durability and protection

- Silicone facepiece enhances fit and improves durability
- Double-flange faceseal and six adjustable straps help provide a secure fit
- Can be used with a passive or electronic clip-on welding lens
- Available in air purifying respirator (APR), supplied air and powered air purifying respirator (PAPR) modes
- FR-7800B (First Responder) version available
 - Butyl rubber seal to minimize permeation
 - CBRN approved with FR-15-CBRN





3M[™] Half Facepiece Reusable Respirator 7500 Series

Easy breathing, comfort and durability

7501 (Small) 7502 (Medium) 7503 (Large)

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

Cool Flow[™] Valve

breathing easier

Valve design helps make

Helps reduce heat and

moisture buildup for

cool, dry comfort

Adjustable Head Cradle

 Allows wearer to adjust for optimum fit and comfort

Dual-mode Head Harness

 Adjusts easily so user has the option of wearing respirator in either traditional or drop-down mode

Unique Exhalation Valve Cover

- Directs exhaled breath and moisture downward
- Smooth surface allows for quick and easy cleaning
- Helps reduce debris from depositing in valve area

3M[™] Rugged Comfort Half Facepiece Reusable Respirator 6500 Series

Rugged comfort, durability, and slim profile design

Adjustable Head Harness Assembly

- Optimum fit and comfort with threesize adjustable head cradle
- Long-lasting polyester/spandex straps

3M[™] Bayonet Connection

 Compatible with all 3M[™] bayonet-style cartridges and filters

Quick Latch Drop-Down Mechanism*

- Easy on and off as you move in and out of contaminated areas
- No need to remove your hard hat or faceshield when lowering or raising your respirator
- *Available on models 6501QL, 6502QL and 6503QL.

Valve Cover Design

- Directs exhaled breath and moisture downward
- Easy positive pressure seal check

6501 (Small)

6503 (Large)

6502 (Medium)

6501QL (Small)

6503QL (Large)

6502QL (Medium)

with a soft but firm faceseal

Silicone Faceseal

• Extended product life due to resilient silicone material

· Provides comfort and stability

- Our lightest silicone facepiece
- Keeps its shape in high-heat environments

Cool Flow[™] Valve

- Enhanced comfort by reducing heat and moisture
- Easier breathing with unique valve design

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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 0V**/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.

	52	Đ.	AR				Ŷ
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 Faceseal							
Compatible with Welding Shield		•					
Clip-on Welding Shield							

*6000DD Version. **6500QL Version.

Find a Combination that Works Best for You







6500 Series



7500 Series



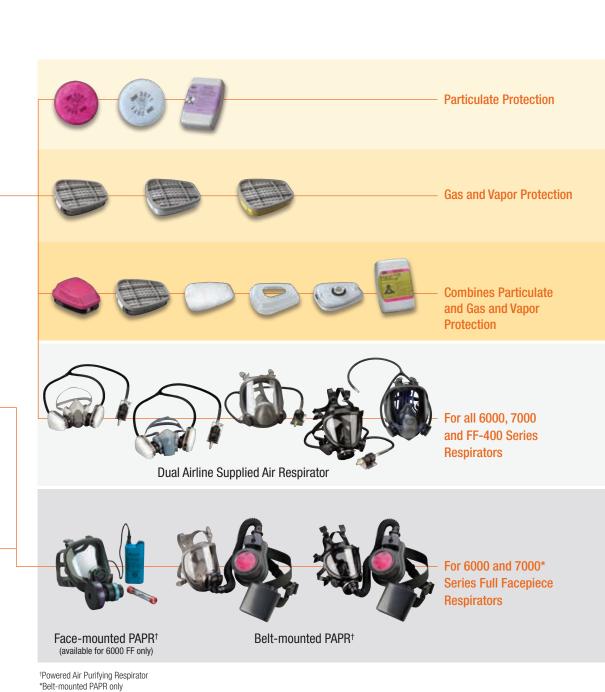
6000 Series



Ultimate FX FF-400



7800 Series



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3M[™] Particulate Filters and Gas/Vapor Cartridges

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

3M [™] Particulate Filters 20	000 Series			
		Part Number	Description	
	 Lightweight and easy to breathe through 	2071	Particulate Filter, P95	
	Assortment of filters available	2076HF	Particulate Filter, Hydrogen Fluoride/P95, with Nuisance Level Acid Gas Relief*	
	for a wide range of applications	2078	Particulate Filter, P95, with Nuisance Level Organic Vapor/Acid Gas Relief*	
	Easier breathing through new 3-layer advanced Electret Filter	2091	Particulate Filter, P100	
mar and the	Media in 2200 Series Filters	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 709	93, P100			
- Linious, environ looded filter environd	losian	7093	Particulate Filter, P100	
 Unique, spring-loaded filter cover d simplifies negative pressure user set 	eal checks			
 Swept-back design provides enhan 		7093B	Particulate Filter, P100, Bulk	
of view and greater comfort • 7093C offers a lightweight, low pro-	ofile design			
that combines P100 filtration with o	carbon-loaded	7093C	Cartridge/Filter, Hydrogen Fluoride, P100 with Nuisance Level Organic	
features found in heavier combination cartridge products			Vapor and Acid Gas Relief*	
3M™ Gas/Vapor Cartridge	s 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	
and the second s		6006	Cartridge, Multi Gas/Vapor**	
		6009	Cartridge, Mercury Vapor or Chlorine	
3M [™] Combination Cartrido	ges/P100 Particulate Filters 6000	Series		
		60921 📐	Cartridge/Filter, Organic Vapor/P100	
	 Particulate filter is permanently attached to cartridge for easy, 	60922 🔫	Cartridge/Filter, Acid Gas/P100**	
	 Unique design for enhanced comfort and visibility 	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	
	* OM recommended for relief excited pulses a louge	f organia unnora and a	rid pases. Nuisance level organic vapor and acid pas refers to concentrations not exceeding OSHA PEL	

* 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 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.

3M Particulate Filter 5P71, P95

Issue Date 09/07/07

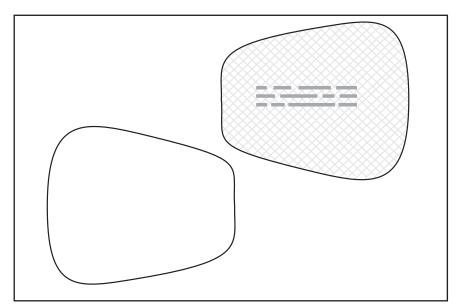
The 3M[™] Particulate Filter 5P71, P95 offers simplicity and ease of use while helping to provide reliable worker protection against certain oil and non-oil containing aerosols. It passes NIOSH testing criteria providing a minimum filter efficiency of 95%.*

Meets NIOSH 42 CFR 84 P95 requirements*

P-series filter features Advanced Electret Media (AEM), appropriate for both oil and non-oil containing environments with extended time-use limitations.

Comfort and versatility

- Advanced electrostatically charged microfibers allow for a low-profile design and easier breathing filter.
- The 5P71 filters are for use on 3M[™] 5000 Series Respirators and 6000 Series Cartridges with 501 Filter Retainers.
- * Tested against particles approximately 0.3 micron in size (mass median aerodynamic diameter) per 42CFR84.



3M[™] Particulate Filter 5P71, P95

Suggested Applications



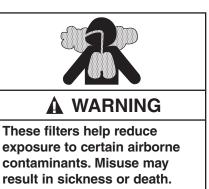
- Spray painting
- Lacquering



- Petrochemical manufacturingChemical
- manufacturing
- Paper processing
- Boat manufacturing
- Lab settings



- Pesticide spraying
- Agriculture



contaminants. 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.

Filters	Filters
Per Box	Per Case
10	100

Use For:

Oil and non-oil based particles including paint sprays and pesticides (with appropriate gas and vapor cartridges).

Do Not Use For:

Gases, asbestos or sandblasting. Organic vapors, including those present in paint spraying operations, when concentrations exceed the OSHA PEL, or applicable government regulations whichever is lower. This respirator does not supply oxygen.

Fit Testing

Before use of this respirator, a written respirator protection program must be implemented meeting all the requirements of OSHA 20 CFR 1910.134 such as training and fit testing.

Time Use Limitation

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

Product Features

Ours		
Advanced Electret Media Advanced electrostatically charged microfibers make breathing easier and cooler.	Cake-resistant filter media Specially designed filter layers provide longer respirator life and easier breathing.	P-series filter Featuring Advanced Electret Media, appropriate for prolonged use in both oil- and non-oil-containing environments.
1	\checkmark	1

3M Product Information Filter Adapter 603

The $3M^{TM}$ Filter Adapter 603 is designed for use with $3M^{TM}$ Particulate Filter 5N11 or $3M^{TM}$ Particulate Filter 5P71 and $3M^{TM}$ Filter Retainer 501.

Features

- Platform for 5N11 and 5P71 N95 and P95 prefilters.
- Enables these filters to be directly attached to all 3MTM Full or Half Facepiece 6000 and 7000 Series Respirators.

Benefits

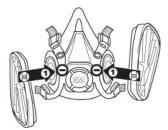
- The filter adapter 603 may be used multiple times on all 3M full or half facepiece 6000 and 7000 series respirators.
- Provides cost-effective filtering solution when multiple filters are needed for elastomeric facepieces.

Packaging and Ordering Information

Part No.	Stock ID/UPC	Case Packaging
603	70-0707-5800-1	2 adapters per box,
	50051138 54376 6	8 boxes per case

How to use the filter adapter 603

1. Align notch on edge of 603 adapter with facepiece mark, as shown, and push together.



 Turn adapter ¹/₄ turn clockwise to stop. To remove adapter, turn ¹/₄ turn counterclockwise.



3. Place filter into retainer (Part No. 501) with filter printing facing towards the 603 adapter. Snap together and ensure the filter seal is free from creases or gaps.

