

3M™ Reusable Respirators



Comfort, Trust,
Versatility

Respirators for Your Workplace





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

FF 401 (Small)
FF 402 (Medium)
FF 403 (Large)

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:

Large Lens Featuring Scotchgard™ Protector

- Paint and stain-resistant lens—3M's exclusive Scotchgard™ coating causes some paints and stains to bead up on the surface so they can be wiped off easily
- Helps lens stay clearer during some spray applications
- Provides a wide field of view

Passive Speaking Diaphragm

- Optimally positioned for clearer and easier communications

Bonded Silicone Gaskets

- Eliminates loose gaskets that can be lost

Easy to Use

- Respirator attachments twist on and off easily for quick assembly and disassembly

Durable, Long-lasting Head Harness

- Features a six-strap configuration for a secure fit
- Harness straps pulled over one million times in development durability testing

Comfort Cradle

- Positions the respirator more comfortably on the head

Soft, Silicone Nose Cup and Faceseal

- Engineered for maximum durability, comfort and resilience
- Three sizes help the respirator fit a broad range of face shapes and sizes

Cool Flow™ Valve

- Allows for easier breathing
- Reduces heat and moisture buildup for cool, dry comfort

3M Reusable Respirators Technology Innovations Over the Years



3M offers the first reusable "Maintenance-Free" Half Facepiece Respirator

1977



3M designs and develops the "bayonet-style" cartridge connection

1989



3M develops first disc filters with loaded web filter media—the first non-woven, non-fiberglass filters

1992

3M manufactures a "swept-back" designed cartridge for its 5000 Series Facepiece for better peripheral vision and weight distribution



1987

3M develops and incorporates a new integral filter technology in its 4000 Series Facepiece, creating a lighter weight respirator



1991

3M launches its 6000 Series Full Facepiece Respirator offering best-in-class field of view and lightweight characteristics



1996

3M™ Full Facepiece Reusable Respirator 6000 Series

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



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 face seal for enhanced comfort and durability
- Available in air purifying respirator (APR), supplied air and powered air purifying respirator (PAPR) modes



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 face seal 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



2002 3M develops first rectangular filter with unique seal-check capabilities



2007 3M develops first HF P100 nuisance OV filter. Offers lowest breathing resistance on the market



2010 3M develops first Full Facepiece Respirator with Scotchgard™ coating, overmolded gaskets, and comfort head cradle

2002

2002

2007

2009

2010

2013

3M introduces Cool Flow™ Valve for reduced heat and moisture in the 7500 Half Facepiece Respirator



3M develops easier breathing, longer lasting 2000 Series disc filters



3M introduces the 6500 Half Facepiece Respirator, our lightest silicone half facepiece





3M™ Half Facepiece Reusable Respirator 7500 Series

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

Easy breathing, comfort and durability

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

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

Cool Flow™ Valve

- Valve design helps make breathing easier
- Helps reduce heat and moisture buildup for cool, dry comfort

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

6501 (Small)
6502 (Medium)
6503 (Large)

Rugged comfort, durability, and slim profile design

6501QL (Small)
6502QL (Medium)
6503QL (Large)



Adjustable Head Harness Assembly

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

Silicone Face Seal

- Provides comfort and stability with a soft but firm face seal
- Extended product life due to resilient silicone material
- Our lightest silicone facepiece
- Keeps its shape in high-heat environments

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

Valve Cover Design

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

Cool Flow™ Valve

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



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.



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



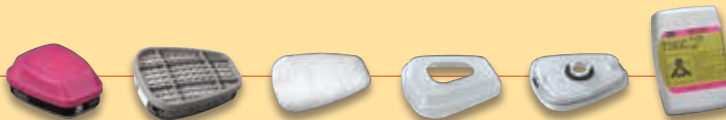
7800 Series



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[†]
(available for 6000 FF only)

Belt-mounted PAPR[†]

For 6000 and 7000*
Series Full Facepiece
Respirators

[†]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.

Half Facepiece Respirator 6000 Series, Reusable

Issue Date 7/1/09

Unmatched performance and comfort.

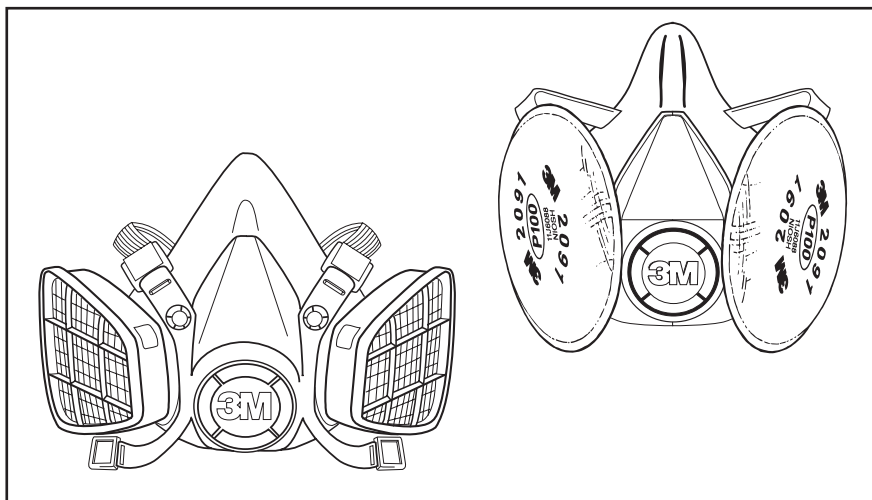
3M™ Half Facepiece Respirator 6000 Series, Reusable offers the user comfort and convenience coupled with the cost savings of a reusable respirator.

Features/Benefits

- Used with 3M™ Filters and Cartridges, these respirators are among the lightest available
- The swept back design of the cartridges helps improve balance and visibility
- Remarkably comfortable, soft, lightweight facepiece and easy-to-adjust head straps
- Reusable—just dispose of the cartridges/filters when used to capacity
- Can be disassembled, cleaned and reused
- NIOSH approved for negative pressure air purifying and supplied air dual airline applications
- Supplied with reclosable storage bag
- The half facepieces are available in 3 sizes (small, medium, large) to comfortably fit many faces

The 6000 Series respirators can be used in dual airline mode:

- Available with both back-mounted and front-mounted breathing tubes














The 3M™ Half Facepiece Respirator 6000 Series, Reusable with replaceable cartridges/filters

- Systems can be used in combination with NIOSH approved 3M™ 2000 or 2200 Series Filters or 6000 Series Cartridges and P100 Filter/Cartridges
- Cartridge/filter connections provide negative pressure and supplied air capability in one respirator assembly
- Can be used on both high and low pressure supplied air systems*
- Wearer can disconnect the airline at the air regulating valve and the system is changed to a filters/ cartridges air purifying mode— then back to supplied air system with a simple reconnection of the airline
- Small diameter breathing tubes are simple to work with and easy to clean and decontaminate

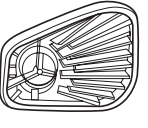
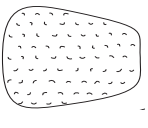
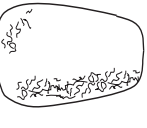


⚠ WARNING	
	<p>These respirators help protect against certain airborne contaminants. Misuse may result in sickness or death. Before use, the wearer must read and understand <i>User Instructions</i> provided as a part of product packaging. Time use limitations may apply.</p>
<p>Important Before using these respirators, you must determine the following:</p> <ol style="list-style-type: none"> 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. <p>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.</p>	

* Employer must provide a minimum of Grade D breathing air in accordance with OSHA requirements


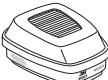
3M™ Filters and Accessories 2000 and 2200 Series, 7093, 5N11, 5P71

					
2071 P95 Filter	2076HF P95 Filter with hydrogen fluoride, nuisance level acid gas relief*	2078 P95 Filter with nuisance level organic vapor and acid gas relief*	2091/07000 P100 Filter	2096 P100 Filter with nuisance level acid gas relief*	2097/07184 P100 Filter with nuisance level organic vapor relief*
					
2291 P100 Filter	2296 P100 Filter with nuisance level acid gas relief*	2297 P100 Filter with nuisance level organic vapor relief*	7093 P100 Filter	7093C/37173 P100 Cartridge/Filter with hydrogen fluoride, nuisance level organic vapor and acid gas relief*	

*Nuisance levels refer to concentrations below the OSHA PEL or other government standard, whichever is lower.

					
603 Filter Adapter (Use with the 5N11 or 5P71 Filters and 501 Filter Retainer)	5N11 N95 Filter (Use with the 501 Filter Retainer and 6000 Series cartridges)	5P71/07194 P95 Filter (Use with the 501 Filter Retainer and 6000 Series cartridges)	501 Filter Retainer (Use with 5N11 and 5P71 Filters and 6000 Series cartridges)	502 Filter Adapter (Use with 2000 and 2200 Series and 7093 Filters and 6000 Series cartridges)	

3M™ Cartridges 6000 Series

Product Number	NIOSH Approval*		Product Number	NIOSH Approval*	
6001	Certain organic vapors (a)(b)		60921	P100/Certain organic vapors (a)(b)	
6002	Chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide (a)(b)		60922	P100/Chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide (a)(b)	
6003	Certain organic vapors, chlorine, hydrogen chloride, and sulfur dioxide or hydrogen sulfide or hydrogen fluoride (a)(b)		60923	P100/Certain organic vapors, chlorine, hydrogen chloride, and sulfur dioxide or hydrogen sulfide or hydrogen fluoride (a)(b)	
6004	Ammonia and methylamine (a)(b)		60924	P100/Ammonia and methylamine (a)(b)	
6005	Formaldehyde and certain organic vapors (a)(b)		60925	P100/Formaldehyde and certain organic vapors (a)(b)	
6006	Certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide ammonia/methylamine, formaldehyde or hydrogen fluoride (a)(b)(c)		60926	P100/Certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide ammonia/methylamine, formaldehyde or hydrogen fluoride (a)(b)(c)	
			60928	P100/Organic vapor/Acid gas (d)	
6009	Mercury vapor or chlorine gas (a)(b)		60929	P100/Mercury vapor or chlorine gas (a)(b)	

* For respiratory protection against the following contaminants up to 10X PEL with half facepiece respirators and full facepiece respirators when qualitatively fit tested, or 50X PEL with full facepiece respirators when quantitatively fit tested.

(a) All respirators and respirator/filter assemblies can be used up to the NIOSH approval limits, 10X PEL for half facepiece respirators and full facepiece respirators when qualitatively fit tested, or 50X PEL for full facepiece respirators when quantitatively fit tested or the maximum use concentration allowable in applicable OSHA standards, whichever is lower.

(b) For specific usage, limitations and warning information, see respirator and/or filter packaging.

(c) OSHA regulations require that gas-proof goggles be worn with half facepiece respirators when used against formaldehyde.

(d) As recommended by the California Department of Pesticide Regulation No. 01-099 Methyl Bromide Field Fumigation.

3M™ Half Facepiece Respirator 6000 Series, Reusable

4100

To complete a 3M™ Dual Airline Respirator System, select a facepiece, an adapter kit and an air supply hose.
For example: 6200 + SA-2000 + W-9435-100 = complete system.

Accessories and Replacement Parts	High Pressure	Low Pressure
Standard Back-Mounted Adapter Kit. Includes SA-2500 Breathing Tube, GVP-127 Belt and SA-1009 Air Regulator or SA-1029 Connector (low pressure).	SA-2000	SA-2000LP
Combination Back-Mounted Adapter Kit. Includes 2600 Breathing Tube, GVP-127 Belt and SA-1009 Regulator or SA-1029 Connector (low pressure). Cartridges/Filters not included.	SA-2100	SA-2100LP
Standard Front-Mounted Adapter Kit. Includes SA-1500 Breathing Tube, GVP-127 Belt, and SA-1009 Regulator or SA-1029 Connector (low pressure).	SA-1000	SA-1000LP
Combination Front-Mounted Adapter Kit. Includes SA-1600 Breathing Tube, GVP-127 Belt, and SA-1009 Regulator or SA-1029 Connector (low pressure). Cartridges/Filters not included.	SA-1100	SA-1100LP

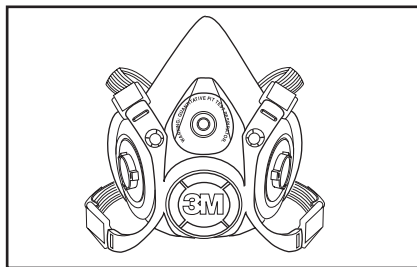
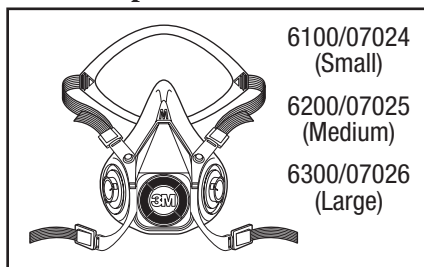
Half Facepiece Replacement Parts 6000 Series

6281	Respirator Strap Assembly	6893	Inhalation Valve
6889	Exhalation Valve	6895	Inhalation Gasket

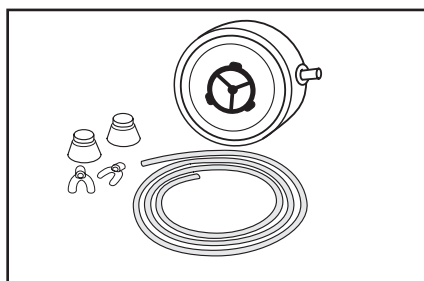
Half Facepiece 6000 Series

Facepieces per bag	Facepieces per case
1	24

Half Facepieces



3M™ Quantitative Fit Test Adapter 601



For use with all 3M bayonet attachment facepieces.

3M™ Fit Test Respirator

3M developed this product specifically for quantitative fit testing. Available in small (6100Q), medium (6200Q) and large (6300Q). A probe has been added for fit testing purposes. **Do not use for respiratory protection.**

3M™ Fit Test Kits

- FT-10 Qualitative Fit Test Apparatus (sweet solution)
- FT-20 Training and Fit Testing Case (sweet solution)
- FT-30 Qualitative Fit Test Apparatus (bitter solution)

3M Online Respirator Medical Evaluation



On busy job sites, getting results – and getting them quickly – is vital. To save you time, money, and the hassle of coordinating clinic appointments, 3M facilitates a convenient, online method for employers to obtain medical evaluation of respirator wearers as required by the OSHA Respiratory Protection Standard (29 CFR 1910.134**). The Online Respirator Medical Evaluation has a web-based interactive questionnaire, which gives you immediate notification of the results.

Here are some of the benefits the Online Respirator Medical Evaluation Service offers:

Convenience

- Respirator medical evaluations for all brands and types of respirators
- Most employees do not need to leave the work site
- Questionnaires available in both English and Spanish
- Evaluations can be taken 24 hours/day, 7 days/week from any computer with internet access

Speed

- It takes most employees only 15 to 30 minutes to complete the questionnaire

Consistency

- All employees are evaluated using the same expanded OSHA Respirator Medical Evaluation Questionnaire

Quality

- The expanded OSHA Respirator Medical Evaluation Questionnaire incorporates work conditions and respirator types
- Board-certified occupational medicine physicians complete the reviews and, when necessary, make recommendations for medical follow-up.

3M Science.
Applied to Life.™



Product Information

Filter Adapter 603

Issue Date 5/1/09

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

Features

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

Benefits

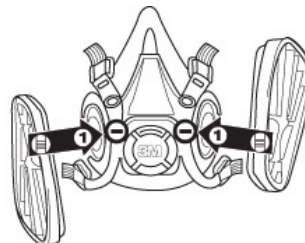
- The filter adapter 603 may be used multiple times on all 3M full or half facepiece 6000 and 7000 series respirators.
- Provides cost-effective filtering solution when multiple filters are needed for elastomeric facepieces.

Packaging and Ordering Information

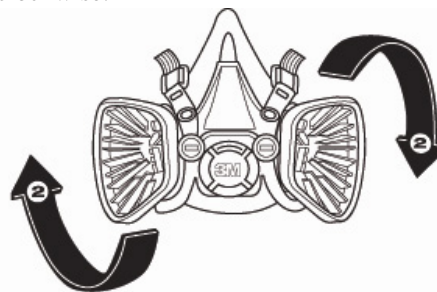
Part No.	Stock ID/UPC	Case Packaging
603	70-0707-5800-1 50051138 54376 6	2 adapters per box, 8 boxes per case

How to use the filter adapter 603

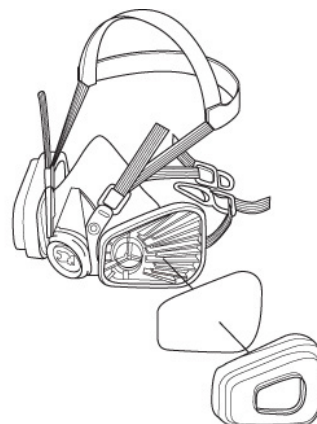
1. Align notch on edge of 603 adapter with facepiece mark, as shown, and push together.



2. Turn adapter ¼ turn clockwise to stop. To remove adapter, turn ¼ turn counter-clockwise.



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.



Technical Data Bulletin

#150, September, 2001 — Reusable Respirators

Inspection, Cleaning and Storage Procedures for 3M Reusable Respirators

Inspection

3M™ 6000 and 7000 Series Respirators must be inspected before each use to ensure good operating condition. The facepiece must be repaired or replaced if there are damaged or defective parts. The following inspection procedure is suggested:

1. Check facepiece for cracks, tears and dirt. Be certain facepiece, especially face seal area, is not distorted.
2. Examine inhalation valves for signs of distortion, cracking or tearing.
3. Make sure that head straps are intact and have good elasticity.
4. Examine all plastic parts for signs of cracking or fatiguing. Make sure filter gaskets or seal areas are in good condition.
5. Remove exhalation valve cover and examine exhalation valve and valve seat for signs of dirt, distortion, cracking or tearing. Replace exhalation valve cover.
6. Inspect lens of full facepiece for any damage that may impair respirator performance or vision.

Cleaning and Storage

Cleaning is recommended after each use. 3M™ Respirator Cleaning Wipes 504 may be used as an interim method in the cleaning

schedule for individually assigned respirators, but they must not be the only method in place. During fit-testing, wipes may also be used between employees being tested. However, these respirators must be thoroughly cleaned at the end of each day, using procedures in appendix B-2 of 29 CFR 1910.134.

⚠ WARNING

Do not clean with solvents. Cleaning with solvents may degrade some respirator components and reduce respirator effectiveness. Inspect all respirator components before each use to ensure good operating condition. Failure to do so may result in sickness or death.

1. Remove cartridges and filters.
2. Clean facepiece (excluding filters and cartridges) by immersing in warm cleaning solution, water temperature not to exceed 120° F (49° C), and scrub with soft brush until clean. Add neutral detergent if necessary. Do not use cleaners containing lanolin or other oils.
3. Disinfect facepiece by soaking in a solution of quaternary ammonia disinfectant or sodium hypochlorite (1 oz [30 ML] household bleach in 2 gallons [7.5 L] of water), or other disinfectant.
4. Rinse in fresh, warm water and air dry in noncontaminated atmosphere.

Issue Date 11/01/01

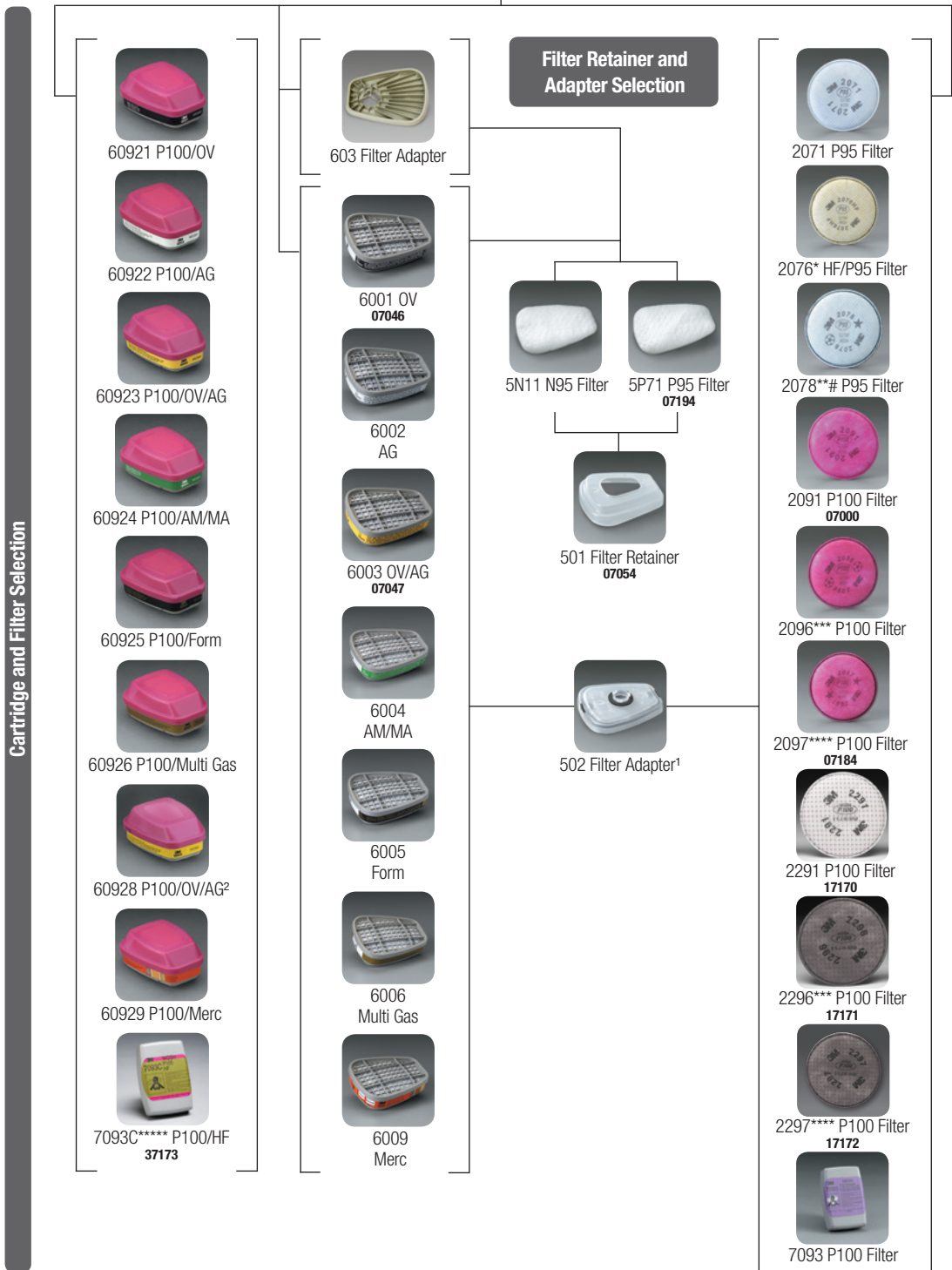
5. Respirator components must be inspected prior to each use. A respirator with any damaged or deteriorated components must be repaired or discarded.
6. The cleaned respirator should be stored away from contaminated areas when not in use.

NOTE: The above information is also outlined in the users instructions. Additionally, see specific product user instructions packaged with each respirator facepiece for additional information.

3M™ Half and Full Facepiece Respirators 6000, 7000 and FF-400 Series – Product Matrix

3M Automotive Aftermarket Division (AAD) Product Numbers are listed in bold on select products. Other AAD packouts available.

Facepieces							
	6100 (S) 07024	6100DD (S)	7501 (S) 37081	6700 (S) 07138	6700DIN (S)	FF-401 (S) 89418	7800S-S
	6200 (M) 07025	6200DD (M)	7502 (M) 37082	6800 (M) 07139	6800DIN (M)	FF-402 (M) 89421	7800S-M
	6300 (L) 07026	6300DD (L)	7503 (L) 37083	6900 (L) 07140	6900DIN (L)	FF-403 (L) 89424	7800S-L



- OV = NIOSH approval: Certain organic vapors.
- AG = NIOSH approval: Chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide.
- OV/AG = NIOSH approval: Certain organic vapors, chlorine, hydrogen chloride, and sulfur dioxide or hydrogen sulfide or hydrogen fluoride.
- AM/MA = NIOSH approval: Ammonia and methylamine.
- Form = NIOSH approval: Formaldehyde† and certain organic vapors
- Multi-Gas/Vapor = NIOSH approval: Certain organic vapors, chlorine, hydrogen chloride, hydrogen sulfide ammonia/methylamine, formaldehyde† or hydrogen fluoride.
- Merc = NIOSH approval: Mercury vapor or chlorine gas.

* P95 filter with hydrogen fluoride and nuisance level acid gas relief. (Nuisance levels are less than OSHA PEL.)³

** P95 filter with nuisance level organic vapor/acid gas relief. (Nuisance levels are less than OSHA PEL.)³

*** P100 filter with nuisance level acid gas relief. (Nuisance levels are less than OSHA PEL.)³

**** P100 filter with nuisance level organic vapor relief. (Nuisance levels are less than OSHA PEL.)³

***** P100 cartridge filter with hydrogen fluoride and nuisance level organic vapor and acid gas relief. (Nuisance levels are less than OSHA PEL.)³

3M recommended for ozone up to 10 X PEL. Not NIOSH approved for ozone.

¹ Do not reuse.

² 3M recommended for methylbromide or radioiodine up to 5 ppm with daily cartridge change.

³ 3M recommended for relief against nuisance level acid gas or organic vapors. Nuisance levels are less than OSHA PEL or applicable government occupational exposure limits, whichever is lower. Do not use for respiratory protection against gases or vapors.

† OSHA regulations require that gas-proof goggles be worn with half facepiece respirators when used against formaldehyde.

WARNING! For proper use, see user instructions, warnings and limitations accompanying each product.



