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[™] 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

 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

Our lightest silicone facepiece

Silicone Faceseal

· Provides comfort and stability

with a soft but firm facesealExtended product life due to resilient silicone material

 Keeps its shape in high-heat environments

Cool Flow[™] Valve

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

6501 (Small) 6502 (Medium)

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

6503 (Large)



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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	0V/P95		
	Water-based Latex	Nuisance 0V**/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	0V/P95		
Agriculture	Pesticides & Insecticides	0V/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. 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.

	52	Đ.			Ø		Ś.
Select the Right Respirator	5000	6000 HF	6500	7500	6000 FF	FF-400	7800S
Enhanced Durability			0	0		0	0
Maintenance Free	0						
Enhanced Comfort			0	0	0	0	
Drop-down Feature		•*	•**	0			
3M [™] Cool Flow [™] Valve			0	0	0	0	
Compatible with 3M [™] Supplied Air System		0	0	0	0	0	•
Compatible with 3M [™] PAPR Systems					0		0
Eye Protection					0	0	0
Speaking Diaphragm						0	0
Accessories					0	0	0
Spare Parts		0	0	0	0	0	0
Six-point Head Harness						0	0
Silicone Faceseal			0	0	0	0	•
Compatible with Welding Shield		0	0				
Clip-on Welding Shield							0

Find a Combination that Works Best for You









6500 Series



7500 Series



6000 Series



Ultimate FX FF-400



7800 Series



[†]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 $3M^{\text{TM}}$ 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 for a wide range of applications Easier breathing through new 3-layer advanced Electret Filter Media in 2200 Series Filters 	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		
mar and the		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 enhant 		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				
		6001	Cartridge, Organic Vapor		
	 Low-profile design helps maintain good field of vision Full range of cartridges to meet your needs 	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.