

3M™ 6000 Full Facepiece Reusable Respirator

Product Description

Designed to help protect your workforce from certain airborne contaminants when used with 3M bayonet cartridges and filters, the 3M™ Full Facepiece Reusable Respirator 6000 Series is durable and versatile, making it a great choice for a wide variety of work environments and applications.



Key Features

- Wide variety of cartridge and filter options
- Silicone faceseal for comfort
- ANSI Z87.1 standard, high impact level for eye and face protection
- 3 sizes (small, medium and large)
- Facepiece weight of approximately 411 grams (0.9 lbs.)

Approvals

6000 Series full facepieces are NIOSH approved for use with 6000 Series cartridges, 6000 series combination cartridges, and 2000, 7000, and 5000 Series filters against a variety of gases, vapors, and particulate hazards.

Use

When properly fitted and used, these respirators may be used in contaminant concentrations up to 10 times the Permissible Exposure Limit (PEL) when qualitatively fit tested, or up to 50 times the PEL when quantitatively fit tested with approved 3M cartridges and filters. Not for use in environments that are immediately dangerous to life or health (IDLH) or in oxygen deficient environments.

Facepiece Options

Model	Size
6700	Small
6800	Medium
6900	Large

Materials

Component	Material
Faceseal	Silicone rubber
Lens	Polycarbonate
Inhalation valve	Polyisoprene
Exhalation valve	Silicone rubber
Gasket	Silicone rubber
Nosecup	Thermoplastic elastomer
Head harness	Thermoplastic elastomer

Spare Parts/Accessories

Part	Description	Image
6583	Exhalation valve	
6864	Center adapter assembly	
6885	Lens cover	
6886	Tinted lens cover	
6893	Inhalation valve	
6894	Nose cup assembly	

Part	Description	Image
6895	Inhalation gasket	
6896	Center adapter gasket	
6897	Head harness assembly	
6898	Lens assembly	
6899	Frame assembly w/ screws	
102	Universal spectacle kit	
601	Quantitative fit test adapter	
504	Respirator cleaning wipes	

Bayonet Cartridges

Part #	Type	P100 Filter	OV	SD	HC	CI	CD	HF	HS	AM/MA	FM ¹	MV ²	Ozone ³
6001	OV		✓										✓
6002	AG			✓	✓	✓	✓		✓				
6003	OV/AG		✓	✓	✓	✓		✓	✓				
6004	AM/MA									✓			
6005	FM/OV		✓								✓		
6006	MG-V		✓	✓	✓	✓	✓	✓	✓	✓	✓		
6007	MV/OV/AG		✓	✓		✓			✓			✓	
60921	OV/P100	✓	✓										✓
60922	AG/P100	✓		✓	✓	✓	✓		✓				

Part #	Type	P100 Filter	OV	SD	HC	Cl	CD	HF	HS	AM/MA	FM ¹	MV ²	Ozone ³
60923	OV/AG/P100	✓	✓	✓	✓	✓		✓	✓				
60926	MG-V/P100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
60927	MV/OV/AG/P100	✓	✓	✓		✓			✓			✓	
60928	OV/AG/P100	✓	✓	✓	✓	✓		✓	✓				

OV = Organic vapors	Cl = Chlorine	AM/MA = Ammonia/Methylamine
AG = Acid gases	CD = Chlorine dioxide	FM = Formaldehyde
SD = Sulfur dioxide	HF = Hydrogen fluoride	MV = Mercury vapor
HC = Hydrogen chloride	HS = Hydrogen sulfide	MG-V = Multi-Gas/Vapor

¹Half facepiece respirators cannot be used unless appropriate eye protection is also worn.

²3M™ 6007 and 60927 cartridges must be discarded within 50 hours of use against mercury vapor; or according to service life for other gas/vapor, or when odors of vapors or gases become noticeable, whichever occurs first.

³3M recommended for ozone up to 1ppm for up to 40 hours.

Bayonet Filters

Part #	Particle Filter Class			HF	Ozone	Nuisance OV ³	Nuisance AG ³
	N95	P95	P100				
2071		✓					
2076HF		✓		✓			✓
2078		✓			✓ ¹	✓	✓
2091			✓				
2096			✓				✓
2097			✓		✓ ²	✓	
2291			✓				
2296			✓				✓
2297			✓		✓ ²	✓	
5N11	✓						
5P71		✓					
7093			✓				
7093C			✓	✓		✓	✓
501	Used to hold 3M particulate filters 5N11 and 5P71 in place on top of 3M 5000 series respirators, 3M cartridges 6000 series and 603 filter adapter.						

Part #	Particle Filter Class			HF	Ozone	Nuisance OV ³	Nuisance AG ³
	N95	P95	P100				
502	Used to attach 3M particulate filters 2000 series, 3M particulate filters 2200 series and 3M particulate filters 7000 series to 3M 5000 series respirators and 3M cartridges 6000.						
603	Used to connect 3M filters 5N11 and 5P71 to bayonet facepieces. Requires 3M filter retainer 501.						

¹2078 is 3M recommended for use against up to 1 ppm ozone for up to 40 hours. Not NIOSH approved for ozone.

²2097 and 2297 are 3M recommended for use against up to 1 ppm ozone for up to 8 hours. Not NIOSH approved for ozone.

³Nuisance level refers to concentrations not exceeding the OSHA PEL or applicable government occupational exposure limits, whichever is lower.

HF = Hydrogen fluoride

OV = Organic vapors

AG = Acid gases



WARNING



Respirators help reduce exposures to certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. Follow all local regulations. In the U.S., a written respiratory protection program must be implemented meeting all the requirements of 29CFR1910.134, including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in injury, sickness or death.** For correct use, consult supervisor and User Instructions, or call 3M Technical Service in the USA at 1-800-243-4630 and in Canada at 1-800-267-4414.



Personal Safety Division

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3M PSD products are occupational use only.



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