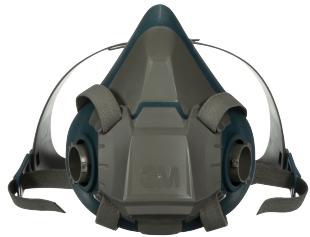


3M™ Rugged Comfort Half Facepiece Reusable Respirator 6500 Series

Description

3M™ Half Facepiece Reusable Respirator 6500 Series were designed with comfort and convenience in mind. The facepiece is available with either a standard or Quick Latch (QL) drop-down mechanism. All facepieces have the 3M™ bayonet connection system, allowing the user to connect to a broad range of 3M™ cartridges and filters to protect against gases, vapors and particulates.



Key Features

- Quick Latch (6500QL Series) allows easy on and off as workers move in and out of contaminated areas, with no need to remove their hard hat or faceshield when lowering or raising their respirator.
- Designed for comfort, durability, and stability with a firm, lightly textured silicone faceseal.
- Low profile half facepiece design offers a wide field of view and compatibility with certain welding and grinding shields.
- Overmolded design simplifies cleaning and maintenance with fewer parts.
- Exhalation valve helps direct exhaled breath and moisture downward.
- 3M™ Cool Flow™ Exhalation Valve helps release warm and moist exhaled breath from inside the respirator.

Component	Material
Face seal	Silicone rubber
Overmold	Nylon
Inhalation valve	Polyisoprene
Exhalation valve	Nylon/Silicon

Component	Material
Straps	Polyester fiber/Polyurethane elastic
Buckles	Polypropylene

Approvals

NIOSH approved with 3M™ Cartridges 6000 Series, 3M™ Particle Filters 2000, 2200, 7000 or 5000 Series. The 6500 Series is NIOSH approved with 3M™ Dual Airline supplied air systems. The 6500QL Series is NOT NIOSH approved with supplied air systems.

Use

When properly fitted and used, this respirator may be used in contaminant concentrations up to 10 times the Permissible Exposure Limit (PEL) with approved 3M cartridges and filters. The 6500 Series (not the 6500QL) may be used up to 50 times the PEL with approved 3M supplied air systems. Not for use in environments that are immediately dangerous to life or health (IDLH) or in oxygen deficient environments.

Sizes and Weight

Sizes:

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

Approximate Weight:

- 6500 Series - 100 grams
- 6500QL Series - 110 grams

Spare Parts

Spare Parts	
6581	Standard head harness
6582	Quick Latch head harness
6583	Exhalation valve
6893	Inhalation valve

Find a Combination that Works Best for You



⚠️ WARNING

This respirator helps 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 OSHA 1910.134, 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 sickness or death.** For correct use, see package instructions, supervisor, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

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	✓		✓	✓	✓	✓		✓				
60923	OV/AG/P100	✓	✓	✓	✓	✓		✓	✓				

Part #	Type	P100 Filter	OV	SD	HC	Cl	CD	HF	HS	AM/MA	FM ¹	MV ²	Ozone ³
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
¹ Half facepiece respirators cannot be used unless appropriate eye protection is also worn. ² 3M™ 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. ³ 3M 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			✓	✓		✓	✓

Part #	Particle Filter Class			HF	Ozone	Nuisance OV ³	Nuisance AG ³
	N95	P95	P100				
501	Filter retainer: used to hold 3M particulate filters 5N11 and 5P71 in place on top of 3M cartridges 6000 series and 603 filter adapters.						
502	Filter retainer: used to attach 3M particulate filters 2000 series, 3M particulate filters 2200 series and 3M particulate filters 7000 series to 3M cartridges 6000 Series.						
603	Filter adapter: 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



This respirator helps protect against certain airborne contaminants. Misuse may result in sickness or death. For correct use, consult supervisor and *User Instructions*, or call 3M in U.S.A., 1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414.



Personal Safety Division

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3M PSD products are
occupational use only.

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Customer Service: 1-800-328-1667
3M.com/workersafety

In Canada

Technical Service: 1-800-267-4414
Customer Service: 1-800-364-3577
3M.ca/Safety

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