



Half and Full Facepiece Respirators

with Bayonet Attachment

7000 Series

Photo#9449



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Respiratory Protection Solutions

These respirators are specifically designed to offer versatility, comfort and long life. They are available in multiple sizes and in half-or full-face configurations. Suitable for either negative or positive pressure uses, they can use filters and/or cartridges in a wide range of combinations to provide protection in numerous applications. All are available with complete spare parts. 3M respirators offer users an effective way of meeting OSHA requirements. Depending on your workplace application, 3M has a respirator with innovative features and technologies that workers will wear.

Features & Benefits

- Available in 3 sizes (small, medium, large) to comfortably fit many faces.
- Half facepieces have a four-point strap attachment with convenient front-strap adjustment.
- N95, P95 or P100 filters can be used in combination with chemical cartridges.
- Extra large inhalation and exhalation valves for easier breathing.
- The full facepiece has double-flange face seal and six adjustable straps to help provide a secure fit, and improved fit-test results.
- The full facepiece is available in 11 different modes from air purifying to SCBA.



Suggested Applications

- Painting
- Welding
- Abatement
- Wood-working
- Metal-working
- Automotive manufacturing
- Chemical manufacturing
- Pharmaceutical manufacturing
- Petrochemical
- Nuclear
- Utilities
- Primary metals



▲ WARNING !

These respirators help reduce exposure to certain airborne 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. Call 3M OH&ESD Technical Service. 1 800 243-4630.

Important

Before using these respirators, you must determine the following:

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.

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 and fit testing.

Fax on Demand: 1 800 646-1655
7000 Series Document #4018

United States
Technical Service 1 800 243-4630
Sales Assistance 1 800 896-4223

C114

Canada
Technical Service 1 800 267-4414
Sales Assistance 1 800 265-1840 ext. 6137

3M™ Half and Full Facepiece Respirators with Bayonet Attachment 7000 Series

Facepieces

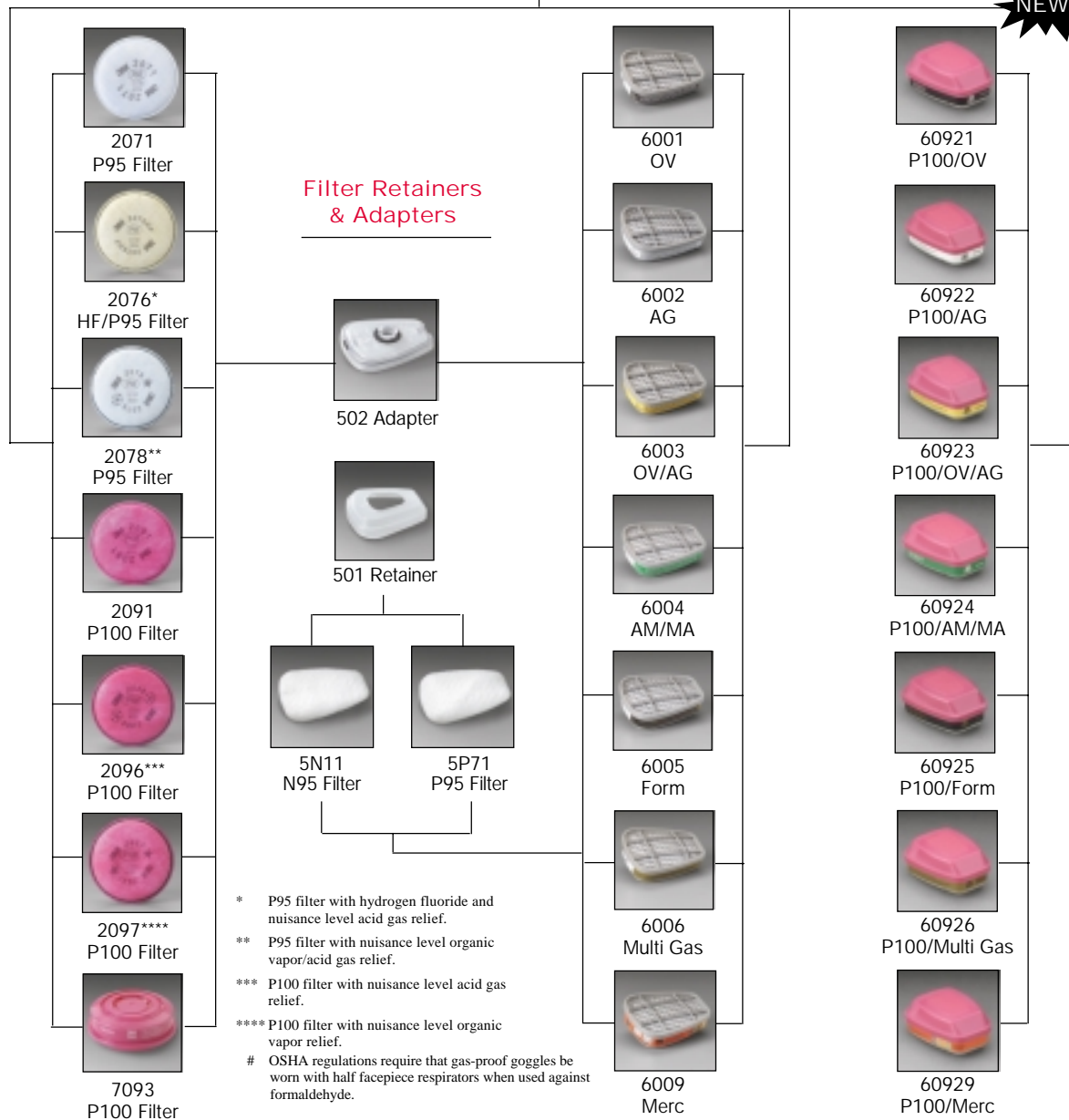


7001 Small
7002 Medium
7003 Large



7800S Small
7800S Medium
7800S Large

Cartridges & Filters



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OV = NIOSH approval: Certain organic vapors.
AG = NIOSH approval: Chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide (escape only).
OV/AG = NIOSH approval: Certain organic vapors, chlorine, hydrogen chloride, and sulfur

dioxide or hydrogen sulfide (escape only) or hydrogen fluoride.
AM/MA = NIOSH approval: Ammonia and methylamine.
Form = NIOSH approval: Formaldehyde # and certain organic vapors

Multi-Gas= NIOSH approval: Certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide (escape only) ammonia/methylamine, formaldehyde # or hydrogen fluoride.
Merc = NIOSH approval: Mercury vapor or chlorine gas.

United States
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Canada
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Sales Assistance 1 800 265-1840 ext. 6137



Half and Full Facepiece Respirators with Bayonet Attachment 7000 Series

Checklist for Building a Complete Respirator Assembly

1. Select full or half facepiece and determine size: small, medium or large.
 - Do you need cartridges? See pages C119-C120.
2. Determine protection requirements.
 - Do you need filters, retainers or adapters? See pages C117-C118.
 - If you need filters and cartridges, review pages C117-C120.
3. Select needed accessories based on your application. See pages C121-C122.
4. For replacement parts, see pages C123-C124.



Photo#4962 (small), 4970 (medium), 4961 (large)

Half Facepiece Respirators with Bayonet Attachment 7000 Series 7001 (small), 7002 (medium), 7003 (large)

These facepieces can be used with 2000 Series, 5000 Series, and 6000 Series cartridges, filters, retainers and adapters. Note: These facepieces also can be used as a dual airline respirator system. For more information on dual airline systems, see page D57.

Ordering Information

Model	Description	Packaging	UPC Code	National Stock #
7001	Size: small	1 facepiece/box 10/case	5 00 51138 29324 1	4240-01-342-2852
7002	Size: medium	1 facepiece/box 10/case	5 00 51138 29326 5	4240-01-342-2853
7003	Size: large	1 facepiece/box 10/case	5 00 51138 29328 9	4240-01-342-2854
Filters, Retainers, Adapters See page C117				
Cartridges See page C119				
Accessories See page C121				
Replacement Parts See page C124				



Photo#4991 (small), 4993 (medium), 4973 (large)

Full Facepiece Respirators with Bayonet Attachment 7000 Series 7800S(S) (small), 7800S(M) (medium), 7800S(L) (large)

These facepieces can be used with: 3M™ 2000, 5000, 6000 and 7000 Series cartridges, filters and adapters, 3M™ Powered Air Purifying Respirators—see page D1; 3M Supplied Air Respirators—see page D1; and 3M Self Contained Breathing Apparatus see page F1.

Ordering Information

Model	Description	Packaging	UPC Code	National Stock #
7800S(S)	Size: small	1 each/case	5 00 51138 54257 8	N/A
7800S(M)	Size: medium	1 each/case	5 00 51138 54258 5	N/A
7800S(L)	Size: large	1 each/case	5 00 51138 54259 2	N/A
Filters, Retainers, Adapters See page C117				
Cartridges See page C119				
Accessories See page C121				
Replacement Parts See page C123				

Please contact your local 3M distributor to place an order. To determine the location of the 3M distributor nearest you, simply call 1 800 896-4223.

United States
Technical Service 1 800 243-4630
Sales Assistance 1 800 896-4223

C116

Canada
Technical Service 1 800 267-4414
Sales Assistance 1 800 265-1840 ext. 6137

3M™ 2000 Series Filters for 3M™ Respirators with Bayonet Attachment 7000 Series



Photo#4909

2071 Filter P95 filter

Ordering Information

Model	Packaging	UPC Code	National Stock #
2071	100 filters/case	5 00 51138 54356 8	4240-1-372-3403



Photo#4912

2076HF Filter P95 filter with hydrogen fluoride and nuisance level acid gas relief.*

Ordering Information

Model	Packaging	UPC Code	National Stock #
2076HF	100 filters/case	5 00 51138 54369 8	N/A



Photo#4910

2078 Filter P95 filter with nuisance level organic vapor/acid gas relief.*

Ordering Information

Model	Packaging	UPC Code	National Stock #
2078	100 filters/case	5 00 51138 54368 1	N/A



Photo#4911

2091 Filter P100 filter for 3M™ Half-Facepiece Respirator 6000 Series assembly.

Ordering Information

Model	Packaging	UPC Code	National Stock #
2091	100 filters/case	5 00 51138 46201 2	4240-01-320-1954



Photo#4913

2096 Filter P100 filter with nuisance level acid gas relief.*

Ordering Information

Model	Packaging	UPC Code	National Stock #
2096	100 filters/case	5 00 51138 54295 0	N/A



Photo#4914

2097 Filter P100 filter with nuisance level organic vapor relief.*

Ordering Information

Model	Packaging	UPC Code	National Stock #
2097	100 filters/case	5 00 51138 54296 7	N/A

Please contact your local 3M distributor to place an order. To determine the location of the 3M distributor nearest you, simply call 1 800 896-4223.

* Nuisance levels refer to concentrations below the OSHA PEL.



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E-mail: occsafety@mmm.com
Web Site: www.3M.com/occsafety

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Filters, Adapters, Retainers for 3M™ Respirators with Bayonet Attachment 7000 Series



Photo#5062

5N11 Filter

N95 filter for use with the 501 filter retainer.

Ordering Information

Model	Packaging	UPC Code	National Stock #
5N11	100 filters/case	5 00 51138 46464 1	N/A



Photo#5042

5P71 Filter

P95 filter for use with the 501 filter retainer.

Ordering Information

Model	Packaging	UPC Code	National Stock #
5P71	100 filters/case	5 00 51138 54331 5	4240-01-452-8678



Photo#4989

7093 Filter

P100 filter.

Ordering Information

Model	Packaging	UPC Code	National Stock #
7093	60 filters/case	0 00 51138 46474 5	N/A



Photo#5030

501 Filter Retainer

Filter retainer for use with the 5N11 or 5P71 filters.

Ordering Information

Model	Packaging	UPC Code	National Stock #
501	100/case	0 00 51138 17668 6	4240-01-302-5290



Photo#5031

502 Filter Adapter

Filter adapter for use with the 2000 Series or 7093 filters.

Ordering Information

Model	Packaging	UPC Code	National Stock #
502	100/case	0 00 51138 21511 8	4240-01-320-1956

Please contact your local 3M distributor to place an order. To determine the location of the 3M distributor nearest you, simply call 1 800 896-4223.

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3M™ Cartridges 6000 Series for 3M™ Respirators with Bayonet Attachment 7000 Series

To determine end-of-service life for 3M™ cartridges, use 3M Respirator Service Life Software. See page C122.



Photo#4971

6001 Organic Vapor Cartridge
NIOSH approval: Certain organic vapors.

Ordering Information

Model	Packaging	UPC Code	National Stock #
6001	60 cartridges/case	0 00 51138 21674 0	4240-01-342-2857



Photo#4972

6002 Acid Gas Cartridge
NIOSH approval: Chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide (escape only).

Ordering Information

Model	Packaging	UPC Code	National Stock #
6002	60 cartridges/case	0 00 51138 28880 8	4240-01-342-2858



Photo#5259

6003 Organic Vapor and Acid Gas Cartridge
NIOSH approval: Certain organic vapors, chlorine, hydrogen chloride, and sulfur dioxide or hydrogen sulfide (escape only) or hydrogen fluoride.

Ordering Information

Model	Packaging	UPC Code	National Stock #
6003	60 cartridges/case	0 00 51138 28881 5	4240-01-342-2859



Photo#4974

6004 Ammonia and Methylamine Cartridge
NIOSH approval: Ammonia and methylamine.

Ordering Information

Model	Packaging	UPC Code	National Stock #
6004	60 cartridges/case	0 00 51138 28882 2	4240-01-342-2860



Photo#4976

6005 Formaldehyde and Organic Vapor Cartridge
NIOSH approval: Formaldehyde** and certain organic vapors

Ordering Information

Model	Packaging	UPC Code	National Stock #
6005	60 cartridges/case	0 00 51138 28883 9	4240-01-342-2861



Photo#5260

6006 Multi-Gas and Vapor Cartridge
NIOSH approval: Certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide (escape only) ammonia/methylamine, formaldehyde** or hydrogen fluoride.

Ordering Information

Model	Packaging	UPC Code	National Stock #
6006	60 cartridges/case	0 00 51138 54186 1	N/A



Photo#4977

6009 Mercury Vapor Cartridge
NIOSH approval: Mercury vapor or chlorine gas.

Ordering Information

Model	Packaging	UPC Code	National Stock #
6009	60 cartridges/case	0 00 51138 29148 3	4240-01-394-6341

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



Fax on Demand: 1 800 646-1655
E-mail: occsafety@mmm.com
Web Site: www.3M.com/occsafety

United States
Technical Service 1 800 243-4630
Sales Assistance 1 800 896-4223

C119

Canada
Technical Service 1 800 267-4414
Sales Assistance 1 800 265-1840 ext. 6137

2000 Resource Guide

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3M Cartridges 6000 Series for 3M™ Respirators with Bayonet Attachment 7000 Series



To determine end-of-service life for 3M™ cartridges, use 3M Respirator Service Life Software. See page C122.



60921 Cartridge
NIOSH approval: P100/certain organic vapors.

Ordering Information			
Model	Packaging	UPC Code	National Stock #
60921	60 cartridges/case	5 00 51138 46465 8	4240-01-342-2857



60922 Cartridge
NIOSH approval: P100/chlorine, hydrogen chloride, and sulfur dioxide or chlorine dioxide or hydrogen sulfide (escape only).

Ordering Information			
Model	Packaging	UPC Code	National Stock #
60922	60 cartridges/case	5 00 51138 46466 5	4240-01-342-2858



60923 Cartridge
NIOSH approval: P100/certain organic vapors, chlorine, hydrogen chloride, and sulfur dioxide or hydrogen sulfide (escape only) or hydrogen fluoride.

Ordering Information			
Model	Packaging	UPC Code	National Stock #
60923	60 cartridges/case	5 00 51138 46467 2	4240-01-342-2859



60924 Cartridge
NIOSH approval: P100/ammonia and methylamine.

Ordering Information			
Model	Packaging	UPC Code	National Stock #
60924	60 cartridges/case	5 00 51138 46468 9	4240-01-342-2860



60925 Cartridge
NIOSH approval: P100/formaldehyde** and certain organic vapors

Ordering Information			
Model	Packaging	UPC Code	National Stock #
60925	60 cartridges/case	5 00 51138 46469 6	4240-01-342-2861



60926 Cartridge
NIOSH approval: P100/certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide (escape only) ammonia/methylamine, formaldehyde** or hydrogen fluoride.

Ordering Information			
Model	Packaging	UPC Code	National Stock #
60926	60 cartridges/case	0 00 51138 54187 8	N/A



60929 Cartridge
NIOSH approval: P100/mercury vapor or chlorine gas.

Ordering Information			
Model	Packaging	UPC Code	National Stock #
60929	60 cartridges/case	5 00 51138 46471 9	4240-01-394-6341

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

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3M™ Accessories for 3M™ Respirators with Bayonet Attachment 7000 Series



Photo#5531

3M™ Fit Test Kits

FT-10 Qualitative Fit Test Apparatus (sweet solution)

Includes FT-11 Sensitivity Solution (sweet), FT-12 Fit Test Solution (sweet) FT-14 Fit Test Hood, FT-15 Collar, FT13 Nebulizer (2 pack)

FT-20 Training and Fit Testing Case (sweet solution)

Includes FT-10 Materials, Universal Fitting Video, Animated Guide to Respiratory Protection Video, Fitting Posters

FT-30 Qualitative Fit Test Apparatus (bitter solution)

Includes FT-31 Sensitivity Solution (bitter), FT-32 Fit Test Solution (bitter), FT-14 Fit Test Hood, FT-15 Collar, FT-13 Nebulizer (2 pack)

Ordering Information

Model	Description	Packaging	UPC Code	National Stock #
FT-10	qualitative fit test apparatus: sweet solution	1/box 1box/case	0 00 51138 16358 7	4240-01-248-8146
FT-20	training and fit testing case: sweet solution	1/box 1box/case	5 00 51138 29137 7	N/A
FT-30	qualitative fit test apparatus: bitter solution	1/box 1box/case	5 00 51138 54203 5	N/A



Photo#5019

3M™ Quantitative Fit Test Adapter 601

For use with 3M Respirators 6000 Series and 7000 Series with Bayonet Attachment.

Ordering Information

Model	Description	Packaging	UPC Code	National Stock #
601	one size	1/case	5 00 51138 29018 9	4240-01-372-3079



3M™ Respirator Cleaning Wipes 504

These 8"x10" towelettes are alcohol-free and will not damage the facepiece materials. They are individually wrapped to hold moisture and are stored in a convenient dispenser box.

Ordering Information

Model	Description	Packaging	UPC Code	National Stock #
504	Individually packaged	500/case	0 00 51138 28909 6	N/A

Please contact your local 3M distributor to place an order. To determine the location of the 3M distributor nearest you, simply call 1 800 896-4223.

United States
 Technical Service 1 800 243-4630
 Sales Assistance 1 800 896-4223

C121

Canada
 Technical Service 1 800 267-4414
 Sales Assistance 1 800 265-1840 ext. 6137

3M Accessories for Use with 3M™ Respirators with Bayonet Attachment 7000 Series



3M™ Respirator Service Life Software

This software calculates respirator service life based on workplace conditions. Download the free software from our website: www.3M.com/occsafety.

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Photo#5240, 5241

3M™ Personal Air Monitoring System

3M air monitors are simple and effective devices that collect certain airborne contaminants using the scientific principle of diffusion. They meet or exceed $\pm 25\%$ accuracy at a confidence level for many workplace contaminants. For Air Monitoring Systems, see page B1.

Please contact your local 3M distributor to place an order. To determine the location of the 3M distributor nearest you, simply call 1 800 896-4223.

United States
Technical Service 1 800 243-4630
Sales Assistance 1 800 896-4223

C122

Canada
Technical Service 1 800 267-4414
Sales Assistance 1 800 265-1840 ext. 6137

3M™ Replacement Parts Respirators with Bayonet Attachment 7000 Series



Photo#7950



Respiratory Protection Solutions

Ordering Information—Replacement Parts: Full Facepiece Respirator 7800S

ID #	Model	Description	Packaging	UPC Code	National Stock #
1	701	Cartridge/Filter Adapter	2 each/bag 10 bag/case	5 00 51138 29113 1	4240-01-389-7449
2	6895	Inhalation Gasket	20 each/bag 4 bag/case	5 00 51138 54298 1	N/A
3	7282	Inhalation Valve	50 each/bag 4 bag/case	5 00 51138 08742 9	4240-01-248-2607
4	7283	Exhalation Valve	10 each/bag 5 bag/case	5 00 51138 08743 7	4240-01-248-2608
5	7881S	Nose Cup Assembly, Silicone	1 each/bag 5 bag/case	5 00 51138 21341 6	N/A
6	7882	Nose Cup Valve Assembly	2 each/b0x 10 box/case	5 00 21200 60339 1	N/A
7	7883	Neck Strap Assembly	1each/bag 10 bag/case	0 00 21200 60332 7	N/A
8	7884	Lens	1 each/box 5 box/case	5 00 51138 29114 8	4240-01-247 8929
9	7885	Lens Frame Kit	1 each/box 5 box/case	5 00 21200 60334 6	4240-01-380-4962
10	7886	Removable DIN Connector	1 each/box 5 box/case	5 00 51138 21420 8	4240-01-320-1947
11	7887	Inhalation Valve Gasket	2 each/pack 10 pack/case	0 00 21200 60328 5	N/A
12	7890	Full Face Plug	4 each/box 5 box/case	5 00 21200 60331 5	N/A
13	7891	Cartridge Holder	2each/bag 10 bag/case	5 00 21200 60327 8	4240-01-302-5291
14	7893S	Head Strap Assembly, Silicone	1 each/box 2 box/case	5 00 51138 21340 9	N/A
15	7894	Eyeglass Frame and Mount	1 each/box 1 box/case	0 00 21200 60379 2	4240-01-301 0728
16	7895	Speaking Diaphragm Kit	1 each/kit 2 each/case	5 00 51138 17494 6	N/A
17	7899-25	Lens Cover (25 pack)	25 each/box 4 box/case	5 00 21200 60417 6	4240-01-248-6434
18	7899-100	Lens Cover (100 pack)	100 each/box 1 box/case	5 00 21200 60418 3	4240-01-248-6435
19	7914	Band Clamp	5 each/box 1 box/case	5 00 51138 21426 0	N/A
20	7915-5	Tyvek® Shroud	5 each/bag 1 bag/case	5 00 51138 21555 7	4240-01-320-1957
21	7916-5	Breathing Room Assembly	5 each/bag 1 bag/case	5 00 51138 21563 2	N/A

* Not shown in photo

Continued next page

Please contact your local 3M distributor to place an order. To determine the location of the 3M distributor nearest you, simply call 1 800 896-4223.

United States
 Technical Service 1 800 243-4630
 Sales Assistance 1 800 896-4223

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Canada
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Replacement Parts Respirators with Bayonet Attachment 7000 Series

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Respiratory Protection Solutions

Ordering Information—Replacement Parts: Full Facepiece Respirator 7800S (continued)

ID #	Model	Description	Packaging	UPC Code	National Stock #
22	7918	Exhalation Valve Cover	5 each/box 4 box/case	5 00 51138 29095 0	N/A
23	7925	Spectacle Kit	1 each/box 1 box/case	0 00 51138 28918 8	4240-01-395-4128
24	7931-9	Autodarkening Lens, Shade 9	1 each/box 1 box/case	5 00 51138 29284 8	N/A
25	7931-10	Autodarkening Lens, Shade 10	1 each/box 1 box/case	5 00 51138 29285 5	N/A
26	7931-11	Autodarkening Lens, Shade 11	1 each/box 1 box/case	5 00 51138 29286 2	N/A
27	7931-12	Autodarkening Lens, Shade 12	1 each/box 1 box/case	5 00 51138 29287 9	N/A
28	7981S	Small Nose Cup Assembly, Silicone	1each/bag 5 bag/case	5 00 51138 28943 5	N/A
29	7986	Tinted Lens Cover	25 each/bag 1bag/case	5 00 51138 66188 0	N/A
30	7988	Welder's Face Shield, Autodarkening	1 each/box 1 box/case	5 00 51138 29283 1	N/A
31	7989	Full Facepiece Button	18 each/box 3 box/case	5 00 51138 54260 8	N/A
32	7993	Welder's Shroud	1 each/box 1 box/case	0 00 51138 21538 5	4240-01-320-1948
*	7994-5	Welder's Face Shield Retainer Spring *	5 each/box 1 box/case	5 00 51138 21537 3	4240-01-320-1949
*	7995-10	Welder's Face Shield Chipping Window Gasket*	10 each/box 1 box/case	5 00 51138 21536 6	4240-01-320-1950
*	7996-10	Welder's Face Shield Gasket*	10 each/box 1 box/case	5 00 51138 21535 9	4240-01-320-1951
*	7997-100	Welder's Face Shield Chipping Window*	100 each/box 1 box/case	5 00 51138 21534 2	4240-01-320-1952
33	7998	Welder's Face Shield Kit	1 each/box 1 box/case	5 00 51138 21533 5	4240-01-320-1953
34	7999	Air Inlet Gasket	1 each/pack 1 pack/case	5 00 21200 60383 4	N/A

* Not shown in photo



Photo#7951

Ordering Information—Replacement Parts: 7001, 7002, 7003 Half Facepieces

ID #	Model	Description	Packaging	UPC Code	National Stock #
1	7282	Inhalation Valve	50 each/bag 4 bag/case	5 00 51138 08742 9	4240-01-248-2607
2	7283	Exhalation Valve	10 each/bag 5 bag/case	5 00 51138 08743 7	4240-01-248-2608
3	7381	Head Harness Assembly, Black	5 each/bag 4 bag/case	5 00 51138 29329 6	N/A
4	7384	Exhalation Valve Seat and Guard, Black	10 each/bag 4 bag/case	5 00 51138 29330 2	N/A
5	7386	Cartridge/Filter Holder, Bayonet	5 each/bag 4 bag/case	5 00 51138 29331 9	N/A

United States
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 Sales Assistance 1 800 896-4223

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