

## Half and Full Face Respirators

### 5000 Series

The 5000 Series respirators are lightweight, well balanced, and come in three color coded sizes for quick identification. Respirators come pre-assembled, have no spare parts and require no maintenance. Designed for simplicity and ease of use while providing greater worker comfort.

#### Organic Vapor

**Part No. 5101-** Small  
**Part No. 5201-** Medium  
**Part No. 5301-** Large



#### Organic Vapor/Acid Gas

**Part No. 5103-** Small  
**Part No. 5203-** Medium  
**Part No. 5303-** Large



#### Paint Spray & Pesticide

**Part No. 51P71-** Small  
**Part No. 52P71-** Medium  
**Part No. 53P71-** Large



### 6000 Series

The lightweight and comfortable 3M™ 6000 Series low-maintenance respirators offer a cost-effective solution to reusable respirators. With limited spare parts, cleaning and care of the facepiece is fast and simple. Both half and full facepiece respirators are available in three sizes.

#### Half Face Respirator

**Part No. 6100-** Small  
**Part No. 6200-** Medium  
**Part No. 6300-** Large  
For use with 6000 series cartridges and 2000 series filters.



#### Half Facepiece w/P100 Filters

**Part No. 6191-** Small  
**Part No. 6291-** Medium  
**Part No. 6391-** Large  
With one pair of 2091 particulate filters, this respirator fits under Jackson Shadow Helmet.



#### Full Facepiece

**Part No. 6700-** Small  
**Part No. 6800-** Medium  
**Part No. 6900-** Large



### 6000 Drop Down Series

The 6000 Drop Down Series facepiece is the latest innovation in half facepiece design. The facepiece incorporates a unique drop down head harness system for workers who need to frequently communicate. It is designed for workers who wear hard hats with liftable face shields. With this system, the facepiece drops straight down onto the chest by removing the neck strap.

#### Half Facepiece

**Part No. 6100DD-** Small  
**Part No. 6200DD-** Medium  
**Part No. 6300DD-** Large



### 7000 Series

The 7000 Series feature interchangeable cartridges and filters for variety of applications, two facepiece styles to comfortably fit varying facial features, and a low-profile design of facepieces and cartridges/prefilters.

#### Ultra-Reusable Half Facepiece

**Part No. 7500S-** Small  
**Part No. 7500M-** Medium  
**Part No. 7500L-** Large



#### Full Face-Silicone

**Part No. 7800S-S-** Small  
**Part No. 7800S-M-** Medium  
**Part No. 7800S-L-** Large



5000 and 6000 Series Parts Breakdown

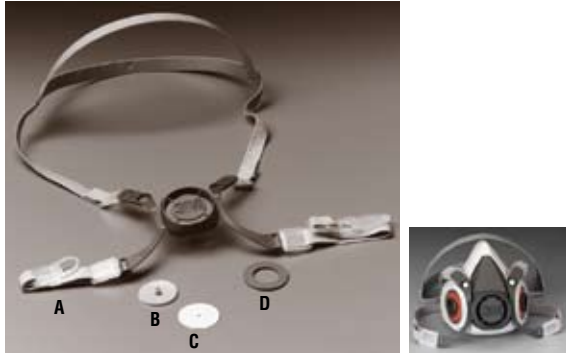
Respirator Replacement Parts

3M™ 5000 Series

No Accessories or Spare Parts Needed for 5000 Series

3M™ 6000 Series Half Facepiece

Part No. 6100 — 6300



Item	Part No.	Description
A	6281	Head harness assembly
B	6889	Exhalation valve
C	6893	Inhalation valve
D	6895	Inhalation gasket

3M™ 6000 Series Full Facepiece

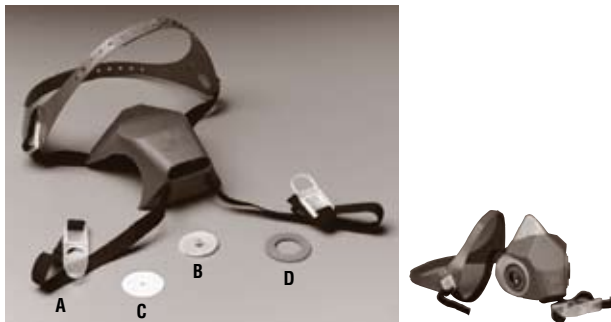
Part No. 6700 — 6900



Item	Part No.	Description
A	6878	Spectacle kit
B	6885	Face shield covers
C	6886	Tinted lens cover
D	6889	Exhalation valve
E	6892	Center adapter assembly
F	6893	Inhalation valve
G	6894	Nose cup
H	6895	Inhalation gasket
I	6896	Adapter gasket
J	6897	Head harness
K	6898	Lens assembly
L	6899	Frame kit
M	6883	Neck strap

3M™ 6000 Drop Down Series Half Facepiece

Part No. 6100DD — 6300DD

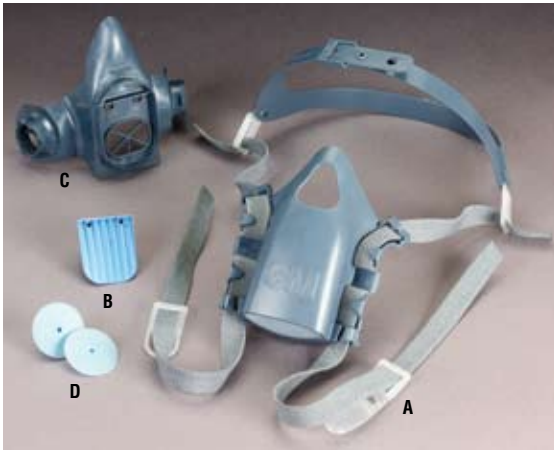


Item	Part No.	Description
A	6282	Head harness
B	6889	Exhalation valve
C	6893	Inhalation valve
D	6895	Inhalation gasket

7000 Series Parts Breakdown

**3M™ 7500 Series Half Facepiece**

Part No. 6100DD — 6300DD



Item	Part No.	Description
A	7581	Head harness assembly
B	7583	Exhalation valve
C	7586	Cartridge/filter holder
D	7582	Inhalation gasket

**3M™ 7800 Series**



Item	Part No.	Description
A	0601	Quantitative fit test adapter
B	6895	Inhalation gasket
C	0701	Cartridge/filter adapter
D	7282	Inhalation valve
E	7283	Exhalation valve
F	7881S	Nose cup assembly, silicone
G	7882	Nose cup valve assembly
H	7883	Neck strap assembly
I	7884	Lens
J	7885	Lens frame kit
K	7886	Removable DIN connector
L	7887	Inhalation valve gasket
M	7890	Full facepiece plug
N	7893	Head strap assembly, silicone
O	7894	Eyeglass frame and mount
P	7895	Speaking diaphragm kit
Q	7899	25- lens cover (25 pack)
R	7899	100- lens cover (100 pack)
S	7914	Band clamp
T	7915	5- Tyvek® shroud
U	7916	5- Breathing room assembly
V	7918	Exhalation valve cover
W	7925	Spectacle kit
X	7981S	Small nose cup assembly-silicone
Y	7986	Tinted lens cover
Z	7989	Full facepiece button
AA	7990	Clip-on welding faceshield kit
BB	7991	Electronic lens assembly
CC	7992	Electronic lens gasket
DD	7993	Welder's shroud
EE	7999	Air inlet gasket

## Particulates w/Nuisance Odors

### Particles with Nuisance Odor

3M™ research indicates that in environments with particulate hazards, 65% of those environments may also have problems with nuisance odor. Our product line includes a wide range of respirators which remove particles while reducing odors. For dusty work conditions with nuisance levels of organic vapors or acid gases below OSHA permissible exposure levels (PEL), carbon loaded 3M™ respirators help reduce worker complaints and raise productivity. (For organic vapors and acid/or gases above the PEL, use an appropriate 3M™ NIOSH approved respirator.)

#### 8577 P95

3M™ 8577 P95 with 3M™ recommended nuisance level (below OSHA PEL) organic vapor relief. Commonly used in either oil or non-oil environments where particulate contaminants are found with low levels (below OSHA PEL) of organic vapors. Applications would include boat manufacturing, undercoating, food processing and petrochemical operations.

- Advanced Electret Media
- Cool Flow Exhalation Valve
- M-Noseclip
- Odor-Removing Filter Material
- P95
- 10 ea/box

**Part No. 8577**



#### 8576 P95

3M™ 8576 P95 with 3M™ recommended nuisance level (below OSHA PEL) acid gas relief. For use in aluminum reduction, petrochemical manufacturing, and glass etching applications in either oil or non-oil environments where particulates and nuisance levels of hydrogen fluoride, sulfur dioxide and/or chlorine are present.

- Advanced Electret Media
- Cool Flow Exhalation Valve
- M-Noseclip
- Odor-Removing Filter Material
- P95
- 10 ea/box

**Part No. 8576**



#### 8247 R95

3M™ 8247 R95 with 3M™ recommended nuisance level organic vapor relief. For use in applications such as foundries, undercoating, petrochemical operations and agricultural situations where particles are present with concentrations of organic vapors below the OSHA PEL.

The respirator filter is NIOSH certified to provide at least 95% efficiency against solid and liquid particles, including oils. Time use restrictions may apply.

- Advanced Electret Media
- Odor-Removing Filter Material
- R95
- 20 ea/box

**Part No. 8247**



### Welding

Heat, sparks, odor, and harmful particles are some of the many factors to consider when selecting respirators for welding, brazing, soldering and metal pouring. 3M™ respirators are compatible with welding hoods and goggles, and include innovations such as cake-resistant filter media and durable shells for better performance in welding environments. From maintenance-free to conventional respirators, you'll find the right one for your application.

#### 8212 N95

The 8212 N95 respirator is for use when welding, torch cutting, soldering, brazing and working with molten metals. Helps provide protection when welding on galvanized and stainless steel. Fits easily under a welding hood. The respirator filter is NIOSH certified to provide at least 95% efficiency at removing solid and liquid particles (excluding those containing oil).

- Advanced Electret Media
- Adjustable Straps
- Cake-Resistant Filter Media
- Cool Flow Exhalation Valve
- Faceseal
- N95
- 10 ea/box

**Part No. 8212**

**Part No. 8512** Same as 8212 without Faceseal



#### 8214 N95

The 8214 N95 is NIOSH certified to provide at least 95% filter efficiency against non-oil particulate contaminants. It is designed for welding and metal fume applications with ozone or nuisance level odors (concentrations of organic vapors below the OSHA PEL). The 8214 is suited for maintenance, welding, torch cutting, brazing, soldering and metal pouring. Carbon layers trap nuisance level odors and ozone up to 10 times the OSHA PEL. Not for use above 10X PEL or express OSHA limitations.

- Advanced Electret Media
- Cake-Resistant Filter Media
- Cool Flow Exhalation Valve
- Faceseal
- N95
- 10 ea/box

**Part No. 8214**

**Part No. 8514** Same as 8214 without Faceseal



#### 8293 P100

For those who want maximum filter efficiency in a maintenance free respirator, 8293 P100 has been certified by NIOSH to provide at least 99.97% filter efficiency against solid and liquid particles in either oil or non-oil environments. This respirator can be used when grinding, welding, working with lead, or situations where arsenic or cadmium are present up to 10X the OSHA PEL.

- Adjustable Straps
- Advanced Electret Media
- Cool Flow Exhalation Valve
- Faceseal
- P100
- 1 ea/bag

**Part No. 8293**



#### 8233 N100

For those who want maximum filter efficiency in a maintenance free respirator, the 3M™ 8233 N100 has been certified by NIOSH to provide at least 99.97% filter efficiency against solid and liquid particles (excluding those containing oil). This respirator can be used when grinding, welding, working with lead, or situations where arsenic or cadmium are present up to 10X the OSHA PEL.

- Adjustable Straps
- Advanced Electret Media
- Cool Flow Exhalation Valve
- Faceseal
- N100
- 1 ea/bag

**Part No. 8233**



## Particulate Respirators

From woodworking to tobacco processing, workers in many industries require protection from airborne particles. Sweeping, grinding, sanding, and bagging create a unique set of demands, especially in environmental considerations such as heat, humidity and odor. At 3M™, safety and comfort innovations are standard issues. No one offers more solutions than 3M™, and now with our 42CFR84 approved products you have even more opportunities to enhance your respiratory program.

### 8000 N95

An Economical Solution for light duty or short duration applications. The basic features and lightweight construction of this style respirator make it an economical and effective choice for a variety of dusty applications over other respirators or masks.

- Two-strap design
- Adjustable nose clip
- Lightweight construction.
- Advanced Electret Media
- N95
- 20 ea/box

**Part No. 8000**



### 8110S N95

3M™ 8110S N95 has been certified by NIOSH as being at least 95% efficient at removing solid and liquid particles (excluding those containing oil). With a shell that is 20% smaller than the 3M™ 8210 respirator, the 8110S is designed to provide workers with small facial features quality, reliable protection when engaged in areas such as pharmaceutical manufacturing, sanding, textile processing, lab settings and other applications.

- Advanced Electret Media
- N95
- 20 ea/box

**Part No. 8110S**



### 8200 N95

An Economical Solution for Particulate Exposure. The basic features and lightweight construction of the 8200 make it an economical choice for a variety of applications where exposure to particles may be a concern..

- Two-strap design with dual point attachment.
- Adjustable nose clip reduces eye wear fogging and helps ensure a better seal and fit.
- Lightweight construction.
- Advanced Electret Media
- N95
- 20 ea/box

**Part No. 8200**



### 8210 N95

3M™ 8210 N95 has been certified by NIOSH as being at least 95% efficient at removing solid and liquid particles (excluding those containing oil).

The 8210 is designed to provide quality, reliable worker protection in applications such as grinding, sanding, sawing, sweeping and bagging.

- Advanced Electret Media
- N95
- 20 ea/box

**Part No. 8210**



### 8211 N95

3M™ 8211 N95 is NIOSH certified to have at least 95% filter efficiency at removing solid and liquid particles (excluding those containing oil). Workers will appreciate the added comfort and durability found in this respirator.

- Advanced Electret Media
- Cool Flow Exhalation Valve
- Faceseal
- M-Noseclip
- N95
- 10 ea/box

**Part No. 8211**

**Part No. 8511-** Same as 8211 without Faceseal



### 8515 N95

3M™ 8515 N95 is designed to help provide comfortable, reliable worker protection for applications such as welding, soldering, cutting, grinding and sanding. This respirator offers a number of benefits to you and your workers.

- Advanced Electret Media
- M-Nose Clip
- Cool Flow™ Exhalation Valve
- 3M™ Welding Web
- N95
- 10 ea/box

**Part No. 8515**



### 8271 P95

3M™ 8271 P95 is NIOSH certified to have at least 95% filter efficiency against solid and liquid particles. Uses include grinding, sanding, sawing in either oil or non-oil environments.

- Advanced Electret Media
- Cool Flow Exhalation Valve
- Faceseal
- M-Noseclip
- P95
- 10 ea/box

**Part No. 8271**



### 9210 N95

3M™ 9210 N95 is a non-valved, three panel filtering facepiece respirator. An adjustable nose clip helps provide a custom fit and secure seal.

- Soft cover web on inner panel
- Adjustable Nose Clip
- Individually packaged
- Lightweight, collapse-resistant design
- N95
- 20 ea/box

**Part No. 9210**



### 9211 N95

3M™ 9211 N95 is a valved, three panel filtering facepiece respirator. An adjustable nose clip helps provide a custom fit and secure seal.

- Soft cover web on inner panel
- Adjustable Nose Clip
- Individually packaged
- Lightweight, collapse-resistant design
- N95
- 10 ea/box

**Part No. 9211**



## Fit Test Kits / Respirator Systems Accessories

### Fit Test Kits

3M's fit testing devices and procedures provide a simple and effective way of helping meet OSHA qualitative fit testing requirements. A fast, easy method for performing qualitative fit testing. Can be used with any particulate respirator or any gas and vapor respirator with particulate filter. Helps satisfy respiratory program requirements. Can be used during respirator training programs. Convenient, reliable and economical to use. Determines employee's taste threshold to fit solution. Allows exercises to be performed in a test atmosphere. Use to test the seal of any respirator with a particulate prefilter.

#### Quantitative Fit Test Apparatus, Sweet

This kit contains:

- Laminated instruction booklet (English/Spanish).
- Sensitivity solution FT-11.
- Fit test solution FT-12.
- Two nebulizers FT-13.
- One hood FT-14.
- One collar assembly FT-15.
- Two sets replacement nebulizer inserts.

**Part No. FT-10**



#### Quantitative Fit Test Apparatus, Sweet

This kit contains:

- Durable, molded black plastic case with inside hinge straps and wide top pocket for extra literature.
- Easy to carry and convenient to use.
- All FT-10 materials.
- 3M™ Universal Fitting Instruction video.
- All 3M™ respirator fitting posters.
- Administrative Respiratory Protection Guide.

**Part No. FT-20**



#### Quantitative Fit Test Apparatus, Bitter

This kit contains:

- Laminated instruction booklet (English/Spanish).
- Sensitivity solution FT-31.
- Fit test solution FT-32.
- Two nebulizers FT-13.
- One hood FT-14.
- One collar assembly FT-15.
- Two sets replacement nebulizer inserts.

**Part No. FT-30**



### 3M™ Accessories Respirator Cleaning Wipes

Alcohol-free cleaning wipes, individually packaged.

- 100 pouches per carton dispenser.
- 5 cartons per case.

**Part No. 0504**



### 3M™ Respirator Systems Accessories

Part No.	Description
L-112-2	Chin strap
L-114-2	Chin strap, reinforced
L-115-10	Sweat pad
L-116-2	Head pad
L-121-5	Faceseal, Tychem®
L-123-2	Shroud, made of Tychem® QC fabric
L-126-2	Inner shroud
L-128-2	Shroud, made of Cordura® nylon fabric

Part No.	Description
L-131-10	Wide view lens
L-132-10	Wide view lens, high temperature
L-133-100	Lens cover
L-133-25	Lens cover
L-181	Flow meter adapter
L-182-2	Air deflector
L-183-2	Headgear cover
L-120-5	Faceseal, flame retardant, SoftGuard®

Part No.	Description
L-124-5	Faceseal, flame retardant
L-125-2	Shroud, flame retardant, Nomex®
L-127	Leather welding shroud
L-129-2	Flame retardant welding bib
L-152-5	Cover plate, 4-1/2" x 5-1/4"
L-156	Electronic lens and adapter
L-162-2	Safety plate, 4-1/2" x 5-1/4"

## Respirator and Cartridge Selection Chart

### 3M™ Respirator Selection Chart

#### 5000 Series

- Designed for simplicity and ease of use.



#### 6000 Series















- 6000 series cartridges and 2000 series filters can be used with this respirator.



#### 7000 Series








- Wide variety of interchangeable cartridge and filter styles.



Cartridge Type	NIOSH Approved For:	RESPIRATOR	RESPIRATOR/CARTRIDGES
		Non-replaceable cartridge style	Replaceable bayonet cartridge style
		<b>5000 Series</b> Half Facepiece (maintenance-free filter)	<b>6000 Series</b> Half Facepiece; Drop Down Half; Full Facepiece
			<b>7000 Series</b> 7500 Half Facepiece; 7800S Full Facepiece
OV Organic Vapor	Certain Organic Vapors	<b>Part No. 5101-</b> Small <b>Part No. 5201-</b> Medium <b>Part No. 5301-</b> Large	Part No. 6001 
OV/P100 Organic Vapor/P100	Certain Organic Vapors and Particulates	<b>Part No. 51911-</b> Small <b>Part No. 52911-</b> Medium <b>Part No. 53911-</b> Large	Part No. 60921 
AG Acid Gas	Chlorine, Hydrogen Chloride, and Sulfur Dioxide or Chlorine Dioxide or Hydrogen Sulfide (escape only)		Part No. 6002 
AG/P100 Acid Gas/P100	Chlorine, Hydrogen Chloride, and Sulfur Dioxide or Chlorine Dioxide or Hydrogen Sulfide (escape only) and Particulates		Part No. 60922 
OV/AG Organic Vapor/Acid Gas	Certain Organic Vapors, Chlorine, Hydrogen Chloride, and Sulfur Dioxide or Hydrogen Sulfide (escape only) or Hydrogen Fluoride	<b>Part No. 5103-</b> Small <b>Part No. 5203-</b> Medium <b>Part No. 5303-</b> Large	Part No. 6003 
OV/AG/P100 Organic Vapor/Acid Gas/P100	Certain Organic Vapors, Chlorine, Hydrogen Chloride, and Sulfur Dioxide or Hydrogen Sulfide (escape only) or Hydrogen Fluoride and Particulates	<b>Part No. 51913-</b> Small <b>Part No. 52913-</b> Medium <b>Part No. 53913-</b> Large	Part No. 60923 
AM/MA Ammonia/Methylamine	Ammonia and Methylamine		Part No. 6004 
AM/MA/P100 Ammonia/Methylamine/P100	Ammonia and Methylamine and Particulates		Part No. 60924 
FM/OV Formaldehyde/Organic Vapor	Formaldehyde/Certain Organic Vapors		Part No. 6005 
FM/OV/P100 Formaldehyde/Organic Vapor/P100	Formaldehyde and Certain Organic Vapors, and Particulates		Part No. 60925 
MG/V Multi-Gas/Vapor	Certain Organic Vapors, Chlorine, Hydrogen Chloride, Chlorine Dioxide, Sulfur Dioxide, Hydrogen Sulfide (escape only) Ammonia/ Methylamine, Formaldehyde or Hydrogen Fluoride	<b>Part No. 5106-</b> Small <b>Part No. 5206-</b> Medium <b>Part No. 5306-</b> Large	Part No. 6006 
MG/V/P100 Multi-Gas/Vapor/P100	Certain Organic Vapors, Chlorine, Hydrogen Chloride, Chlorine Dioxide, Sulfur Dioxide, Hydrogen Sulfide (escape only) Ammonia/ Methylamine, Formaldehyde or Hydrogen Fluoride and Particulates		Part No. 60926 
HG Mercury	Mercury Vapor or Chlorine		Part No. 6009 
HG/P100 Mercury/P100	Mercury Vapor or Chlorine and Particulates		Part No. 60929 

## Filter Selection Chart

### 3M™ Filter Selection Chart

Filter Type	NIOSH Approved For:	RESPIRATOR	RESPIRATOR/CARTRIDGES
		Non-replaceable cartridge style	Replaceable bayonet cartridge style
		<b>5000 Series</b> Half Facepiece (maintenance-free filter)	<b>6000 Series</b> Half Facepiece; Drop Down Half; Full Facepiece
			<b>7000 Series</b> 7500 Half Facepiece; 7800S Full Facepiece
P95	Particulates		Part No. 2071 
P95 HF with nuisance level Acid Gas*	Hydrogen Fluoride and Particulates		Part No. 2076HF 
P95 with nuisance level Organic Vapor/Acid Gas*	Particulates		Part No. 2078 
P100	Particulates	To use these filters for the 5000 series refer to the <i>Retainers/Adapters for Pre-Filters</i> below.	Part No. 2091  Part No. 7093  Part No. 7093C
P100 with nuisance level Acid Gas*	Particulates		Part No. 2096 
P100 with nuisance level Organic Vapor*	Particulates		Part No. 2097 

\*Nuisance level refers to concentrations below current OSHA PELs.

### Retainers/Adapters for Pre-Filters

#### 501 Filter Retainer

- For use on 5000 and 6000 series respirators.
- Holds filters 5N11 or 5P71 onto existing respirator cartridge (see chart below).

Part No. 0501



#### 502 Filter Adapter

- For use on 5000 and 6000 series respirators.
- Attaches filters 2091 or 7093 onto existing respirator cartridge (see chart below).

Part No. 0502



### Pre-Filters for Attachment to Cartridges

Filter Type	NIOSH Approved For:	5000, 6000, 7000 Series
N95	Non-Oil Particulates	Part No. 5N11 
P95	Particulates	Part No. 5P71 
P100	Particulates	Part No. 2091 
		Part No. 7093 

## 3M™ Supplied Air\* Respirators — Product Matrix

### Choose a headgear 1a

- Make your selection from the two categories of headgear:  
1a – Hood assemblies  
2a – Specialty hood



H-400 Series      H-600 Series

Part No.	Description
	<b>Hood-400 Series</b> hood assembly
	<b>Hood-600 Series</b> seam-sealed, chemical resistance

### 2a



W-8100B

Part No.	Description
W-8100B	Abrasive/blasting hood

### Choose a breathing tube 1b

- No choice here; only one option for each hood category:  
1a – 1b (W-5114)  
2a – 2b (W-8003)



W-5114

Part No.	Description
W-5114	Breathing tube

### 2b



W-8003

Part No.	Description
W-8003	Breathing tube for abrasive

### Choose an air control device 3a

- Free to choose any assembly from 3a or 4a regardless of previous hood/tube selections.



W-3018

Part No.	Description
W-3018	Low pressure connector assembly

### 4a



W-2907

W-2862

W-2863

Part No.	Description
W-2907	Air regulating assembly
W-2862	Vortex cooling assembly
W-2863	Vortemp™ heating assembly

### Choose a pressure hose 3b

- The hose selection will need to correspond with the air assembly:  
3b adapts 3a assembly either 4b adapts any 4a assembly.



W-3020

Part No.	Description
W-3020	1/2" low pressure hose

### 4b



W-9435

W-2929

Part No.	Description
W-9435	3/8" high pressure hose
W-2929	3/8" high pressure hose

## 3M™ Portable Air Purification Panels

These panels are available to connect the respirator system of choice to a compressed air supply.



256-02-00

256-02-01

W-2806

W-2808

Part No.	Description
256-02-00	(50 cfm) w/ CO filtration and monitor
256-02-01	(100 cfm) w/ CO monitor
W-2806	(50 cfm) w/o CO monitor
W-2808	CO monitor: retrofit for W2806

**Note:** Headgear, breathing tube, air control valve, and compressed air supply hose are required parts in a NIOSH-approved system.

Any NIOSH certification appearing on 3M components is strictly limited to use in an approved air system and only in full accordance with the specifications and limitations under said approval. NIOSH certifies complete assemblies only, not sub-assemblies.

\*It is the employer's responsibility to ensure that the compressed air used with any supplied air system meets the requirements for at least Grade-D breathing air per the Compressed Gas Association Commodity Specification G-7.1-1997 in the U.S. In Canada refer to CSA Standard Z180.1 table for the quality of compressed breathing air.

## Respirator Systems

### 3M™ GVP-Series Belt-Mounted Powered Air Purifying Respirators – Product Matrix

The GVP PAPR is a motorized blower unit worn at the waist that delivers filtered air into a hood, helmet or facepiece. The GVP allows the wearer to choose from a wide selection of filters that offer flexibility and freedom to work in a variety of industrial environments. These systems are compatible with many different styles of headgear ranging from lightweight hoods, bump caps, hard hats, helmets and full facepiece respirators.

- High levels of airflow.
- Contoured for maximum comfort.
- Eight hour battery.
- Inlet and outlet plugs to allow blower unit to be completely sealed for decontamination.
- Intrinsically safe.

#### Choose a headgear **1** **A**

- Make your selection from the three categories of headgear:
  - A – Hoods
  - B – Full facepieces
  - C – L-Series headgear

### 3M™ H-Series Hoods



H-400 Series      H-600 Series      H-900 Series

Part No.	Description
<b>Hood-400 Series</b> hood assembly	
H-411	w/ collar and cap suspension. Tychem® QC
H-412	w/ collar and hard hat. Tychem® QC
H-421	w/ inner shroud and cap suspension. Tychem® QC
H-422	w/ inner shroud and hard hat. Tychem® QC
<b>Hood-600 Series</b> seam-sealed hood assembly	
H-611	w/ collar and cap suspension. Tychem® SL
H-612	w/ collar and hard hat. Tychem® SL
<b>Hood-900 Series</b> grinding hood*	
H-910	w/ collar
H-920	w/ inner shroud

\* Grinding hood assemblies (hard hat option only) may be built with the following parts: H-910-5 or H-920-5 grinding hoods, W-3258-5 hatshell, W-2878-2 suspension, H-114-2 chin strap and a W-3222-2 plastic squeeze clamp.

#### Choose a 3M™ breathing tube **2** **a**

- The breathing tube will need to correspond with the headgear:
  - a adapts any A headgear
  - b adapts any B headgear
  - c adapts any C headgear



H-115      GVP-122

Part No.	Description
H-115	Breathing tube assembly
GVP-122	Breathing tube

#### Choose a 3M™ PAPR assembly **3**

- Select either GVP assembly from list 3.



GVP-1      GVP-CB

Part list w/ descriptions to the right (facing page).

#### Choose a 3M™ cartridge **4**

- Complete the respirator selection with the appropriate cartridge/filter.

Part No.	Description
GVP-401	Organic vapor
GVP-402	Acid gas <sup>1</sup>
GVP-403	Organic vapor/acid gas
GVP-404	Ammonia
GVP-405	Formaldehyde
GVP-440	HEPA
GVP-441	Organic Vapor/HEPA
GVP-442	Acid Gas <sup>1</sup> /HEPA
GVP-443	Organic vapor/acid gas <sup>2</sup> /HEPA
GVP-444	Ammonia/HEPA
GVP-445	Formaldehyde/HEPA

Superscript details are identified to the right (facing page).

**3M™ Full Facepieces**

**B**



67,68,6900 DIN      7800S Series

Part No.	Description
<b>Full Facepiece-6X00 Series</b>	
6700DIN	w/ DIN connection, small
6800DIN	w/ DIN connection, medium
6900DIN	w/ DIN connection, large
<b>Full Facepiece-7800 Series**</b>	
7800S-S	Silicone, small
7800S-M	Silicone, medium
7800S-L	Silicone, large

\*\* Clip-on welding shield also available.

**3M™ L-Series Headgear**

**C**



Part Nos.    L-501                      L-503                      L-505                      L-701



L-703                      L-705                      L-901                      L-905

Part No.	Description	Applications
<b>Bump Cap</b>		
L-501	w/faceshield	Chipping; grinding; pharmaceutical and laboratory; welding; painting; sanding; buffing; soldering; brazing; cutting; chemical processing or mixing; plasma cutting.
L-503	w/welding shield	
L-505	w/welding and face shield	
<b>Hard Hat</b>		
L-701	w/faceshield	Chipping; grinding; welding; sanding; buffing; soldering; brazing; cutting; chemical processing or mixing; plasma cutting.
L-703	w/welding shield	
L-705	w/welding and face shield	
<b>Helmet</b>		
L-901	w/welding and face shield	Chipping; grinding; welding; sanding; buffing; soldering; brazing; plasma cutting
L-905	w/welding and face shield	

**b**



GVP-123

Part No.	Description
GVP-123	Breathing tube

**C**



L-122

Part No.	Description
L-122	Breathing tube

Part No.	Description
GVP-1	Belt assembly. Includes: motor blower, battery pack, charger, flow meter, flow meter adapter, power cord, blower plugs and web belt.
GVP-CB	Comfort belt-mounted assembly. Includes: same as GVP-1, but with a comfort belt instead of web belt. Indicate belt size: S-XXL.

NIOSH approval:	
OV	= certain organic vapors.
AG <sup>1</sup>	= NIOSH approval: chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide or hydrogen fluoride.
AG <sup>2</sup>	= NIOSH approval: chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen fluoride or hydrogen sulfide (escape only).

## Respirators

### Dura-Mesh® 2-Strap

- Straps are securely attached so they don't pull off.
- Soft foam nose cushion for added comfort.
- N95.



Part No. 2200N95



Part No. 2300N95



Part No. 2400N95

#### Without Valve

Part No.	Description	Pkg.
2201N95	Small	20/bx
2200N95	Medium/large	20/bx
2207N95	Low profile nose bridge	20/bx

#### With Valve

Part No.	Description	Pkg.
2301N95	Small	10/bx
2300N95	Medium/large	10/bx
2307N95	Low profile nose bridge	10/bx

#### N95 Organic Vapor

Part No.	Description	Pkg.
2400N95	Medium/large	10/bx

### EZ-ON®

- NIOSH approved adjustable single strap N95 respirator.
- FLEXWING® design for comfortable single strap fit.
- Single strap is easier for workers to put on and take off.
- Head harness and adjustable cotton strap for a cool, custom fit.
- Soft foam nose cushion for added comfort.



Part No. EZ22

#### Without Valve

Part No.	Description	Pkg.
EZ22S	Small	10/bg
EZ22	Medium/large	10/bg

#### With Valve

Part No.	Description	Pkg.
EZ23S	Small	10/bg
EZ23	Medium/large	10/bg

### Higher Filtration

- Soft foam full cushion for added comfort and no pressure points (2360P100, 2730N100).
- Adjustable straps assure a snug, comfortable fit (2315N99, 2360P100).
- Adjustable cloth strap is cool and comfortable against the skin (2315N99, 2730N100, 2360P100).
- HandyStrap® allows strap to hang down around user's neck when not in use (2730N100, 2731N100).
- Exhalation valve on all models for cooler wear.



Part No. 2310N99

#### 2-Strap

Part No.	Description	Pkg.
2310N99	Medium/large	10/bg
2360P100	Medium/large	5/bg
2315N99	Medium/large	10/bg

#### With Handystrap®

Part No.	Description	Pkg.
2731N100	Small	5/bx
2730N100	Medium/large	5/bx

### HandyStrap® N95 Respirators

- HandyStrap® with buckle allows mask to hang down around user's neck when not in use.
- Adjustable cloth strap is cool and comfortable against the skin.
- Ventex® valve lets the hot air out faster so workers breathe easier and stay cooler.
- Soft foam nose cushion for added comfort.



Part No. 2701N95

#### Without Valve

Part No.	Description	Pkg.
2601N95	Small	15/bx
2600N95	Medium/large	15/bx

#### With Valve

Part No.	Description	Pkg.
2701N95	Small	10/bg
2700N95	Medium/large	10/bg

**Respirators / Cartridges**

**HandyStrap® N95 Organic Respirators with Locker**

- Separate compartment in locker permits storage of used masks during breaks, preventing premature disposal of the masks.
- Allows employer to meter respirator usage, reduces costs.
- Hygienic storage.



Part No. 2850



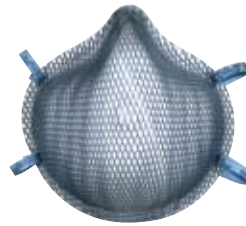
Part No. 2800N95

**With Valve**

Part No.	Description	Pkg.
2800N95	Medium/large	10/bx
2850	Respirator locker with four 2800N95 masks	1

**Dirt Dawgs® N95**

- Durability at an affordable price.
- Dura-Mesh® shell resists collapsing in regular use and even under hot and humid conditions.
- Molded nose bridge seals easily.
- Facepiece is naturally contoured without pressure points.
- Straps are securely attached so they don't break at the seal.
- Softspun® lining for increased comfort and durability.
- NIOSH certified to have a filter efficiency of 95% or greater for non-oil based particulates.



Part No. 1200

**Without Valve**

Part No.	Description	Pkg.
1200	Medium/large	20/bx



**Advantage® Respirator Cartridges**

The Advantage® line of particulate, chemical and combination cartridges is NIOSH-approved (to 42 CFR, Part 84) and provides lightweight, low-profile performance. Cartridges fit both the 200 LS Half-Mask and 3000 Full-Facepiece Advantage Respirators.

MSA Cartridge Description	Re-Order Part Number
GMA	815355
GMA with N95 Prefilter	815355 with 815394 or 816357
GMA with R95 Prefilter	815355 with 815397
GMA P100	815362
GME	815359
GME with N95 Prefilter	815359 with 815394 or 816357
GME with R95 Prefilter	815359 with 815397
GME P100	815366
Low-Profile P100	815369
R95 Snap-On Prefilter and Cover	815397 Box of 20 815401 Reusable Snap-On Cover. 2 in a Package.

Color Coding	Acid Gases													Filter Type & Efficiency ***
	Organic Vapor	Chlorine	Sulfur Dioxide	Chlorine Dioxide	Hydrogen Dioxide	Hydrogen Chloride	Hydrogen Sulfide*	Ammonia	Methylamine	Formaldehyde	Hydrogen Fluoride	Mercury Vapor		
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	
OV	CL	SD	CD	HC	HS*	AM	MA	FM	HF	MV	P100	R95	N95	

**▲ WARNING**

An appropriate cartridge change-out schedule must be developed by a qualified professional, unless the cartridge/canister utilizes an end-of-service-life indicator. The change-out schedule must take into account all factors that may influence respiratory protection including specific work practices and other conditions unique to the worker's environment. If using against substances having poor warning properties, there is no secondary means of knowing when to replace the cartridges/canister. In such cases, take appropriate additional precautions to prevent overexposure, which may include a more conservative change-out schedule or using an air-supplied respirator or SCBA. Failure to follow this warning can result in serious personal injury or death.

As a reference, below is a partial list of substances having poor warning properties:

Acrolein	Hydrogen cyanide	Nitric Acid	Phosphorus trichloride
Aniline	Hydrogen selenide	Nitro compounds	Stibine
Arsine	Methanol	Nitrogen oxides	Sulfur chloride
Bromine	Methyl bromide	Nitroglycerin	Urethane or other
Carbon monoxide	Methyl chloride	Nitromethane	diisocyanate-containing paints
Diisocyanates	Methylene chloride	Phosgene	Vinyl chloride
Dimethyl sulfate	Nickel carbonyl	Phosphine	

**Definitions**

**N95 - Particulate Filter (95% filter efficiency level)**

Effective against particulate aerosols free of oil; time use restrictions may apply.

**R95 - Particulate Filter (95% filter efficiency level)**

Effective against all particulate aerosols; time use restrictions may apply.

**P100 - Particulate Filter (99.97% filter efficiency level)**

Effective against all particulate aerosols.

**Respirators / Filters**

**Advantage® 200 LS Respirators**

The Advantage® 200 LS Respirator's lighter and softer facepiece is made from a clear blue formulation of thermoplastic rubber to give workers more comfort and stability than ever.

Extensive anthropometric research led to the Advantage® Respirator's unique design. MSA's engineers examined facial form data of over 8,000 people and, with CAD technology, developed the AnthroCurve™ Sealing Surface, which instantly conforms to each wearer's unique facial characteristics.



**Facepieces**

2-Piece Neckstrap	Single Neckstrap	Size
815696	815448	Small
815692	815444	Medium
815700	815452	Large

**Flexi-Filter®**

For Advantage® Respirators

The Flexi-Filter® Pad is a great alternative to a standard cartridge-type particulate filter. Its swept-back design and low profile make it ideal for use under welding hoods or any tight spot where a respirator must be worn. Low breathing resistance and light weight keep the respirator comfortable and secure on your face.

All Flexi-Filter® pads are approved to the recent NIOSH 42 CFR Part 84 regulation. The filters are built around a plastic frame, which forms a plenum through which the air flows. The filtration media is a composite of multiple-layered materials, which vary, according to the class and efficiency that are required. Thin layers of carbon media are added if nuisance odor removal is required.



Part No.	Description
818342	P100
818343	P100 OV/Ozone
818344	P100 AG/HF
818345	P100 HG/CL
818346	N95
818347	N95 OV/Ozone
818354	P95
818355	P95 OV/Ozone
10063227	P95/HF (NIOSH)

**NORTH**

**Low Maintenance Respirator N95**

- For solids such as welding fumes and non-oil particulates.
- Fits easily under a welding hood.
- Replacement filters available (below).
- 42CFR 84 approved.

Part No. 7190N99



Replacement filters for Part No. 7190N99

Part No. 719009N99- 2 pack

**WILLSON™**

**Saf-T-FIT® Disposable Respirators N95**

- Recommended use: particulate aerosols free of oil.
- Suggested applications: medical, grinding, polishing, sanding, woodworking, sweeping, other dusty applications.
- Individually wrapped for superior hygiene.
- Spring-open design for easy donning.
- Unique fold and hold mechanism keeps contamination out during non-use
- Boomerang nose seal for a secure fit.
- Lightweight, humidity-resistant, hypo allergenic filter media for low breathing resistance.
- Durable suspension straps eliminate pre-stretching and staples do not penetrate filter area.



Part No. 14110321

Part No.	Description	Box Qty.
14110321	Flat fold - medium size	50 per box
14110322	Flat fold - large size	50 per box
14110323	N95- small	30 per box