



## 3M™ Half Facepiece Reusable Respirator, 7500, Large

**Part Number: 3M-7503**

3M™ Half Facepiece Respirator 7500 Series, Large

Half facepiece reusable respirator, 7500 series, for superior durability, fit and comfort. In a large face sizes (7503), suitable for wide range of conditions and environments providing reliable protection

<div><br></div>

Connection Type	Bayonet
Facepiece Type	Half facepiece reusable
Harness Type	4 point
Primary Material	Silicone
Product Type	Half facepiece
Size	Large

### Product Description

This half facepiece reusable respirator 7500 Series uses advanced silicone material to help provide comfortable and durable respiratory protection. The 3M™ Cool Flow™ Valve helps make breathing easier and can reduces heat and moisture build-up for cool, dry comfort. Easy breathing, comfortable and durable respiratory protection.

When properly fitted and used with approved 3M™ Cartridges and Filters, helps provide respiratory protection from a variety of gases, vapors and particulate hazards at concentrations up to 10 times the Permissible Exposure Limit (PEL). Not for use in environments that are immediately dangerous to life or health (IDLH).

### Product Advantages

- Advanced silicone material for increased comfort and greater durability
- Proprietary 3M™ CoolFlow™ Valve helps make breathing easier and can offer cooler and drier comfort
- Dual-mode head harness that adjusts easily so users can wear the respirator in either standard or drop-down mode
- Solid exhalation valve cover which directs exhaled breath and moisture downward while helping protect the valve area from debris while also making for easier cleaning
- For use with 3M™ Cartridges 6000 Series; 3M™ Filters 2000, 2200, 7000 or 5000 Series; or 3M™ Dual Airline Systems against a variety of gases, vapors and particulate hazards according to NIOSH approvals
- Head harness assembly and spare parts available
- Comes with reclosable storage bag



## Technical Documents

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## Half Facepiece Respirators 7500 Series, Ultimate Reusable

Issue Date 7/1/09

**Ultimate reusable for comfort and durability.**

State-of-the-art features help provide unsurpassed comfort.

### Soft Seal Design

- Advanced silicone material provides a softer feel on the face.
- Unique adjustment design helps reduce pressure points on the face for unsurpassed comfort.

### Dual-mode head harness

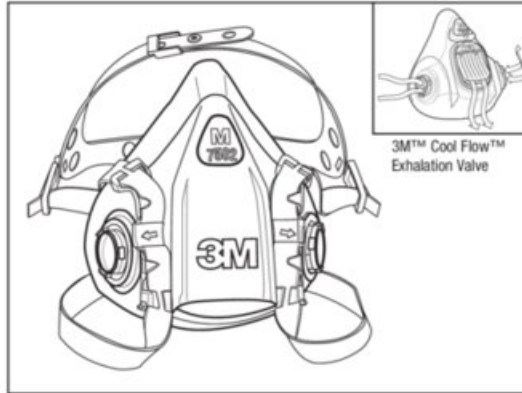
Unique head harness design adjusts easily so user has the option of wearing the respirator in either traditional or drop-down modes.

### Durable and heat-resistant

- Made from soft, resilient silicone and heat-resistant plastics.

### Suggested Applications

- Abatement
- Painting
- Welding
- Chemical handling
- Battery manufacturing
- Construction
- Utilities
- Mining
- Pharmaceutical
- Smelting



3M™ Half Facepiece Respirators 7500 Series, Ultimate Reusable

### 3M™ Cool Flow™ Exhalation Valve

Unique valve design helps make breathing easier, and helps reduce heat and moisture buildup in the facepiece.

### The Cool Flow™ Exhalation Valve opens easier

The chart shows exhalation breathing resistance on 3M and competitive half facepiece respirators. As you can see, the 7500 Series has measurably lower exhalation breathing resistance at all work levels tested.

<b>WARNING</b>	
	These respirators help protect against certain airborne contaminants. <b>Misuse may result in sickness or death.</b> Before use, the wearer must read and understand User Instructions provided as a part of product packaging. Time use limitations may apply. Call 3M OHS&SD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.
<b>Important</b>	
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, medical evaluation and fit testing.	

View this product online at <https://marathonhardware.com/pd/3M-7503>



## Technical Documents

MATERIAL SAFETY DATA SHEET 3M 7500 Series Dual Cartridge Half Facepiece 09/10/10



### Material Safety Data Sheet

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This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 3M 7500 Series Dual Cartridge Half Facepiece  
**MANUFACTURER:** 3M  
**DIVISION:** Occupational Health & Environ. Safety  
**ADDRESS:** 3M Center  
St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

**Issue Date:** 09/10/10  
**Supersedes Date:** 02/25/03

**Document Group:** 17-8313-3

**Product Use:**  
Intended Use: Respiratory Protection

### SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
SILICONE RUBBER	Unknown	37.5 - 47.5
DIMETHYL TEREPHTHALATE-1,4-BUTANEDIOL POLYMER	30965-26-5	29.5 - 39.5
ETHYLENE-1-OCTENE POLYMER	26221-73-8	5 - 10
POLYESTER TEXTURIZED YARN	Unknown	5 - 10
NEOPRENE SYNTHETIC ELASTIC	Unknown	1 - 5
1-PROPENE, POLYMER WITH ETHENE	9010-79-1	1 - 5

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW

View this product online at <https://marathonhardware.com/pd/3M-7503>



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Technical Documents



## **3M** Half Facepiece Respirator 7500 Series

*User Instructions for 3M™ Silicone, Small 7501, Silicone, Small 37081, Silicone, Medium 7502, Silicone, Medium 37082, Silicone, Large 7503, Silicone, Large, 37083 Half Facepieces*  
*Important: Keep these User Instructions for reference.*

37077, 37078, 37079, 37081, 37082, 37083 are catalog numbers only. NIOSH approved as 3M™ Silicone, Small 7501, Silicone, Medium 7502, Silicone, Large 7503 Half Facepiece.

These instructions also apply to the 3M™ Silicone Half Facepiece Packout 37077, Small, 3M™ Silicone Half Facepiece Packout 37078, Medium, 3M™ Silicone Half Facepiece Packout 37079, Large.

View this product online at <https://marathonhardware.com/pd/3M-7503>



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## Technical Data Bulletin

### #150, September, 2001 — Reusable Respirators

#### Inspection, Cleaning and Storage Procedures for 3M Reusable Respirators

##### Inspection

3M™ 6000 and 7000 Series Respirators must be inspected before each use to ensure good operating condition. The facepiece must be repaired or replaced if there are damaged or defective parts. The following inspection procedure is suggested:

1. Check facepiece for cracks, tears and dirt. Be certain facepiece, especially face seal area, is not distorted.
2. Examine inhalation valves for signs of distortion, cracking or tearing.
3. Make sure that head straps are intact and have good elasticity.
4. Examine all plastic parts for signs of cracking or fatiguing. Make sure filter gaskets or seal areas are in good condition.
5. Remove exhalation valve cover and examine exhalation valve and valve seat for signs of dirt, distortion, cracking or tearing. Replace exhalation valve cover.
6. Inspect lens of full facepiece for any damage that may impair respirator performance or vision.

**Cleaning and Storage**  
Cleaning is recommended after each use. 3M™ Respirator Cleaning Wipes 504 may be used as an interim method in the cleaning

**3M Occupational Health and Environmental Safety Division**  
3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000

schedule for individually assigned respirators, but they must not be the only method in place. During fit-testing, wipes may also be used between employees being tested. However, these respirators must be thoroughly cleaned at the end of each day, using procedures in appendix B-2 of 29 CFR 1910.134.

#### ⚠ WARNING

**Do not clean with solvents. Cleaning with solvents may degrade some respirator components and reduce respirator effectiveness. Inspect all respirator components before each use to ensure good operating condition. Failure to do so may result in sickness or death.**

1. Remove cartridges and filters.
2. Clean facepiece (excluding filters and cartridges) by immersing in warm cleaning solution, water temperature not to exceed 120° F (49° C), and scrub with soft brush until clean. Add neutral detergent if necessary. Do not use cleaners containing lanolin or other oils.
3. Disinfect facepiece by soaking in a solution of quaternary ammonia disinfectant or sodium hypochlorite (1 oz [30 ML] household bleach in 2 gallons [7.5 L] of water), or other disinfectant.
4. Rinse in fresh, warm water and air dry in noncontaminated atmosphere.

#### Issue Date 11/01/01

5. Respirator components must be inspected prior to each use. A respirator with any damaged or deteriorated components must be repaired or discarded.

6. The cleaned respirator should be stored away from contaminated areas when not in use.

**NOTE: The above information is also outlined in the users instructions. Additionally, see specific product user instructions packaged with each respirator facepiece for additional information.**

#### For more information:

##### In the U.S., contact:

**Technical Assistance**  
1-800-243-4630  
**Sales Assistance/Local Distributor**  
1-800-328-1667  
**Fax On Demand**  
1-800-646-1655  
**Internet**  
www.3M.com/occsafety  
**E-mail**  
occsafety@mmm.com  
**For other 3M products**  
1-888-3M HELPS

##### In Canada, contact:

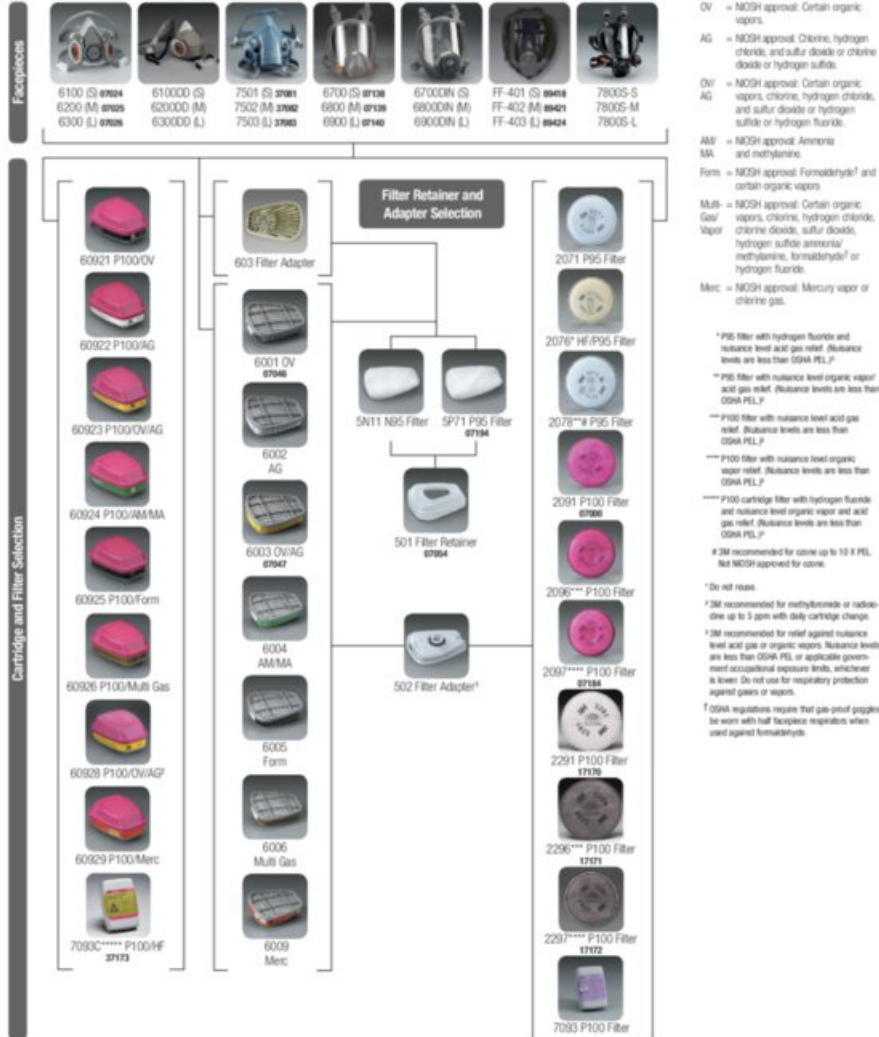
3M Canada Company, OH&ESD  
P.O. Box 5757  
London, Ontario N6A 4T1  
**Technical Assistance (Canada only)**  
1-800-267-4414  
**Sales Assistance**  
1-800-265-1840, ext. 6137  
**Internet**  
www.3M.com/CA/occsafety  
**3M Canada E-mail**  
ohes@ca.mmm.com  
**Technical Assistance In Mexico**  
01-800-712-0646  
**Technical Assistance In Brazil**  
0800-550705  
**For all other OUS locations:**  
1-651-732-6530

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Technical Documents

**3M™ Half and Full Facepiece Respirators 6000, 7000 and FF-400 Series – Product Matrix**

3M Automotive Aftermarket Division (AAD) Product Numbers are listed in bold in select products. Other AAD packages available.



**WARNING!** For proper use, see user instructions, warnings and limitations accompanying each product.  
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### Technical Documents



## Selection Guide for 3M™ Reusable Respirators

#### 3M™ Half and Full Facepiece Respirators

Cartridge Type	Color Code	NIOSH Approved for:	3M™ Half and Full Facepiece Respirators			
			6000 Series	6000 Series	6500 Series	Professional Series 7000 and FF-400 Series
400		Gasoline, Diesel Exhaust	400 Small 400 Large			
1000		Gasoline, Diesel Exhaust	1000 Small 1000 Large			
1000M		Gasoline, Diesel Exhaust and Hydrocarbons	1000M Small 1000M Large			
6000		Gasoline, Diesel Exhaust and Hydrocarbons		6000		
6000M		Gasoline, Diesel Exhaust and Hydrocarbons		6000M		
6500		Gasoline, Diesel Exhaust and Hydrocarbons		6500		
6500M		Gasoline, Diesel Exhaust and Hydrocarbons		6500M		
7000		Gasoline, Diesel Exhaust and Hydrocarbons		7000		
7000M		Gasoline, Diesel Exhaust and Hydrocarbons		7000M		
FF-400		Gasoline, Diesel Exhaust and Hydrocarbons		FF-400		
FF-400M		Gasoline, Diesel Exhaust and Hydrocarbons		FF-400M		
FF-400L		Gasoline, Diesel Exhaust and Hydrocarbons		FF-400L		
FF-400M-L		Gasoline, Diesel Exhaust and Hydrocarbons		FF-400M-L		
FF-400S		Gasoline, Diesel Exhaust and Hydrocarbons		FF-400S		
FF-400S-M		Gasoline, Diesel Exhaust and Hydrocarbons		FF-400S-M		
FF-400S-L		Gasoline, Diesel Exhaust and Hydrocarbons		FF-400S-L		

#### 3M™ Respirator Parts and Accessories

##### Replacement Parts For 6000 Series Half Facepiece Respirators

- 6000 Gasket
- 6000 Strap
- 6000 Valve
- 6000 Bumper
- 6000 Filter Seal

##### Replacement Parts For 7000 Series Half Facepiece Respirators

- 7000 Gasket
- 7000 Strap
- 7000 Valve
- 7000 Bumper
- 7000 Filter Seal

##### Replacement Parts For 6500 Series Half Facepiece Respirators

- 6500 Gasket
- 6500 Strap
- 6500 Valve
- 6500 Bumper
- 6500 Filter Seal

##### Replacement Parts For FF-400 Series Full Facepiece Respirators

- FF-400 Gasket
- FF-400 Strap
- FF-400 Valve
- FF-400 Bumper
- FF-400 Filter Seal

#### Filters

Filter Type	Color Code	NIOSH Approved for:
1000		Gasoline, Diesel Exhaust
1000M		Gasoline, Diesel Exhaust and Hydrocarbons
6000		Gasoline, Diesel Exhaust and Hydrocarbons
6000M		Gasoline, Diesel Exhaust and Hydrocarbons
6500		Gasoline, Diesel Exhaust and Hydrocarbons
6500M		Gasoline, Diesel Exhaust and Hydrocarbons
7000		Gasoline, Diesel Exhaust and Hydrocarbons
7000M		Gasoline, Diesel Exhaust and Hydrocarbons
FF-400		Gasoline, Diesel Exhaust and Hydrocarbons
FF-400M		Gasoline, Diesel Exhaust and Hydrocarbons

#### Part Numbers

6000 Series: 6000, 6000M, 6000L, 6000M-L

7000 Series: 7000, 7000M, 7000L, 7000M-L

6500 Series: 6500, 6500M, 6500L, 6500M-L

FF-400 Series: FF-400, FF-400M, FF-400L, FF-400M-L

**For More Information:**

3M Safety Division  
P.O. Box 3318  
St. Paul, MN 55133

1-800-542-4269

3M is a Division of 3M Company, 3M Center Drive, St. Paul, MN 55133

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## Technical Documents



### WARNING

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