














## 8000 RESPIRATOR SELECTION GUIDE

8000 SERIES FACEPIECE ASSEMBLY				
	DESCRIPTION	PACKAGING	MODEL #	SIZE
	<b>FACEPIECE</b> Includes head strap assembly and exhale valve assembly.	1 Facepiece/Bag 12 Bags/Case	<b>8001</b> <b>8002</b> <b>8003</b>	<b>S</b> <b>M</b> <b>L</b>




REPLACEMENT CARTRIDGES <sup>1</sup>				
	HAZARD	APPROVAL	MODEL #	PACKAGING
	<b>ORGANIC VAPORS</b> Organic Vapors.	TC-23C-1223	<b>8100</b>	<b>1 PR/BAG</b> <b>5 PRS/BOX</b> <b>6 BXS/CS</b>
	<b>ACID GASES</b> Chlorine, Hydrogen Chloride, Sulfur Dioxide, or Chlorine Dioxide; or for escape only from Hydrogen Sulfide; or Hydrogen Fluoride.	TC-23C-1224	<b>8200</b>	<b>1 PR/BAG</b> <b>5 PRS/BOX</b> <b>6 BXS/CS</b>
	<b>ORGANIC VAPORS/ACID GASES</b> Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, or Chlorine Dioxide; or for escape only from Hydrogen Sulfide; or Hydrogen Fluoride.	TC-23C-1225	<b>8300</b>	<b>1 PR/BAG</b> <b>5 PRS/BOX</b> <b>6 BXS/CS</b>
	<b>AMMONIA/METHYLAMINE</b> Ammonia/Methylamine. Use with gas-proof goggles.	TC-23C-1369	<b>8400</b>	<b>1 PR/BAG</b> <b>5 PRS/BOX</b> <b>6 BXS/CS</b>
	<b>FORMALDEHYDE</b> Formaldehyde. OSHA regulations require gas-proof goggles.	TC-23C-1409	<b>8500</b>	<b>1 PR/BAG</b> <b>5 PRS/BOX</b> <b>6 BXS/CS</b>
	<b>MULTI GAS/VAPOR</b> Organic Vapors, Ammonia, Methylamine, Chlorine, Hydrogen Chloride, Sulfur Dioxide, or Hydrogen Fluoride, or Chlorine Dioxide, or Formaldehyde, or Hydrogen Sulfide (escape only).	TC-23C-1809	<b>8600</b>	<b>1 PR/BAG</b> <b>5 PRS/BOX</b> <b>6 BXS/CS</b>
	<b>P100 PARTICULATES</b> Dusts, Fumes, Mists Radionuclides, Radon daughters and Asbestos-containing dusts and mists.	TC-84A-1443	<b>8990</b>	<b>1 PR/BAG</b> <b>5 PRS/BOX</b> <b>6 BXS/CS</b>

<sup>1</sup>Refer to NIOSH label for approval limitations, see Instruction Manual and/or packaging.





## 8000 RESPIRATOR SELECTION GUIDE

ASSEMBLED RESPIRATORS WITH CARTRIDGES OR P100 DISKS <sup>1</sup>				
	HAZARD	APPROVAL	MODEL #	SIZE
	<b>ORGANIC VAPORS</b> Organic Vapors.	TC-23C-1223	8101 8102 8103	S M L
	<b>PAINT SPRAY/PESTICIDE</b> (includes 8910 N95 prefilters, 8020 retainers, 8100 cartridges) Paint, Lacquer, and Enamel Mists, Pesticides, Organic Vapors, and Dusts and Mists. <b>Waterbased Only.</b> <small>Not for use against two-part isocyanate paints or oil based particulates.</small>	TC-84A-1337	8111N 8112N 8113N	S M L
	<b>MULTI GAS/VAPOR</b> Organic Vapors, Ammonia, Methylamine, Chlorine, Hydrogen Chloride, Sulfur Dioxide, or Hydrogen Fluoride, or Chlorine Dioxide, or Formaldehyde, or Hydrogen Sulfide (escape only).	TC-23C-1809	8601 8602 8603	S M L
	<b>P100 PARTICULATES</b> Facepiece assembly with P100 disk #8940 and Disk/Filter Holder #8900.	TC-84A-0117	8941 8942 8943	S M L
	<b>PAINT SPRAY/PESTICIDE KIT With Free Paint Bucket</b> 1 8000 Series Facepiece Assembly, 5 pairs 8910 N95 Prefilters, 1 8020 Filter Retainer, 1 pair SparkPlugs	TC-84A-1337	8111KN 8112KN 8113KN	S M L
	<b>N95 Welding Particulates Plus Nuisance levels of OV/Ozone</b> Facepiece assembly w/N95 filter #8755 and Disk/Filter Holder #8900	TC-84A-3901	8757	M



**PACKAGING:** 1 Fully assembled respirator with cartridges and/or filters per resealable bag, 12 respirators/case.  
<sup>1</sup>Refer to NIOSH label for approval limitations, see Instruction Manual and/or packaging.

PREFILTER RETAINER, HOLDER, AND ADAPTER			
	HAZARD	MODEL #	PACKAGING
	<b>PREFILTER RETAINER</b> Use with 8910 or 8970 and 8000 Series Cartridges.	8020	1 PR/BAG 10 PRS/BOX 5 BXS/CASE
	<b>DISK/FILTER HOLDER</b> with retainer ring use with 8001, 8002, 8003 facepiece assemblies and 8910, 8970, 8755 or 8940.	8900	1 PR/BAG 5 PRS/BOX 6 BXS/CASE
	<b>DISK PIGGYBACK ADAPTER</b> with retainer ring use with 8000 series cartridges and 8940.	8920	1 PR/BAG 5 PRS/BOX 6 BXS/CASE

## 8000 RESPIRATOR SELECTION GUIDE

8900 SERIES FILTERS AND DISKS <sup>1</sup>				
	HAZARD	APPROVAL	MODEL #	PACKAGING
	<b>P100 PARTICULATES</b> Dusts, Fumes, Mists, Radionuclides, Radon daughters and Asbestos-containing dusts and mists.	TC-84A-0117	8940	1 PR/BAG 5 PRS/BOX 6 BXS/CASE
	<b>N95 PARTICULATE FILTER</b> Use with 8020 retainer and 8000 Series cartridges, or standalone with 8900 holder.	TC-84A-1343	8910	5 PRS/BAG 10 BGS/CASE
	<b>R95 PARTICULATE FILTER</b> Use with 8020 retainer and 8000 Series cartridges, or standalone with 8900 holder.	TC-84A-4248	8970	5 PRS/BAG 10 BGS/CASE
	<b>N95 WELDING PARTICULATE FILTER PLUS NUISANCE OV/OZONE</b> Use as standalone with 8900 holder.	TC-84A-3901	8755	1 PRS/BAG 50 BGS/CASE

<sup>1</sup>Refer to NIOSH label for approval limitations, see Instruction Manual and/or packaging.

REPLACEMENT PARTS <sup>2</sup>			
	DESCRIPTION	MODEL #	PACKAGING
	<b>HEAD STRAP ASSEMBLY</b> Includes yoke, buckles and 2 straps.	0082	4/BAG 5 BGS/CASE
	<b>EXHALE VALVE ASSEMBLY</b> Includes holder and diaphragm.	0083	6/BAG 5 BGS/CASE

<sup>2</sup>Use with 8001, 8002, 8003 Assembled Facepiece.

8000 FIT TEST PRODUCTS		
PART #	DESCRIPTION	PACKAGING
8006	<b>PROBED CARTRIDGE KIT</b> INCLUDES: 1 8006 probed cartridge, 1 pair 8940 P100 Particulate Disk, 1 pair 8900 disk holders, 1 pair 8920 disk piggyback adaptors, and instructions. For use with TSI PortaCount.	1 PER BOX
8007	<b>ALCOHOL WIPES</b>	100 WIPES PER BOX
TRAINING AND INSTRUCTIONAL MATERIAL		
0701	<b>HOW TO SET UP A RESPIRATORY PROTECTION PROGRAM</b> According to OSHA guidelines	

## RESPIRATOR TRAINING PROGRAMS

Moldex offers comprehensive training materials and programs on the use and care of 8000 series respirators to help you meet OSHA, state and local regulations.

### FIT TESTING

Improve your respirator program with Moldex's qualitative fit test kit and Probed Cartridge Kit for quantitative fit testing. Make sure your worker's respirators fit satisfactorily. And ensure that your workers are wearing their respirators properly. Moldex's Fit Test Kits will help your respirator program meet OSHA requirements.

### FACTORY-BACKED SUPPORT GROUP

Moldex's factory-trained sales force is available to help you and your workers take full advantage of the 8000 series respirator's many safety and value features. In addition, there are training materials available to help ensure the proper use of 8000 series respirators.

TC#	PROTECTION <sup>1</sup>	RESPIRATOR COMPONENTS																CAUTIONS & LIMITATIONS			
		ALTERNATIVE FILTERS			FILTER/DISK				CARTRIDGE						ALTERNATIVE HOLDER/RETAINER						
		8000	8001	8002	8003	8004	8005	8006	8007	8008	8009	8010	8011	8012	8013	8014	8015		8016	8017	8018
84A-1343	N95	X	X	X	X															X	ABCDEFMNOP
84A-3901	N95	X	X	X	X															X	ABCDEFMNOP
84A-0117	P100	X	X	X				X												X	ABCDEFMNOP
84A-4248	R95	X	X	X				X												X	ABCDEFMNOP
84A-3313	P95	X	X	X					X											X	ABCDEFMNOP
84A-1443	P100	X	X	X						X										X	ABCDEFMNOP
84A-1337	OV/N95	X	X	X	X					X									X	ABCDEFMNOP	
84A-1450	OV/P100	X	X	X				X			X									X	ABCDEFMNOP
84A-4249	OV/R95	X	X	X				X			X									X	ABCDEFMNOP
84A-3307	OV/P95	X	X	X					X		X									X	ABCDEFMNOP
84A-1338	Cl / IIC / SID / CID / III / IIS (escape only) / N95	X	X	X	X							X								X	ABCDEFMNOP
84A-1451	Cl / IIC / SID / CID / III / IIS (escape only) / P100	X	X	X				X				X								X	ABCDEFMNOP
84A-4252	Cl / IIC / SID / CID / III / IIS (escape only) / R95	X	X	X				X				X								X	ABCDEFMNOP
84A-3308	Cl / IIC / SID / CID / III / IIS (escape only) / P95	X	X	X					X			X								X	ABCDEFMNOP
84A-1339	OV / Cl / IIC / SID / CID / III / IIS (escape only) / N95	X	X	X	X							X								X	ABCDEFMNOP
84A-1452	OV / Cl / IIC / SID / CID / III / IIS (escape only) / P100	X	X	X				X				X								X	ABCDEFMNOP
84A-4253	OV / Cl / IIC / SID / CID / III / IIS (escape only) / R95	X	X	X				X				X								X	ABCDEFMNOP
84A-3309	OV / Cl / IIC / SID / CID / III / IIS (escape only) / P95	X	X	X					X			X								X	ABCDEFMNOP
84A-1340	AM/MA / N95	X	X	X	X								X							X	ABCDEFMNOP
84A-1453	AM/MA / P100	X	X	X				X					X							X	ABCDEFMNOP
84A-4254	AM/MA / R95	X	X	X					X				X							X	ABCDEFMNOP
84A-3310	AM/MA / P95	X	X	X						X				X						X	ABCDEFMNOP
84A-1341	FM/N95	X	X	X	X										X					X	ABCDEFKLMNOP
84A-1454	FM/P100	X	X	X				X							X					X	ABCDEFKLMNOP
84A-4255	FM/R95	X	X	X					X						X					X	ABCDEFKLMNOP
84A-3311	FM/P95	X	X	X						X					X					X	ABCDEFKLMNOP
84A-1342	OV/AM/MA/Cl / IIC / SID / CID / III / IIS (escape only) / N95	X	X	X	X													X	X		ABCDEFKLMNOP
84A-1455	OV/AM/MA/Cl / IIC / SID / CID / III / IIS (escape only) / P100	X	X	X				X											X		ABCDEFKLMNOP
84A-4256	OV/AM/MA/Cl / IIC / SID / CID / III / IIS (escape only) / R95	X	X	X				X										X	X		ABCDEFKLMNOP
84A-3312	OV/AM/MA/Cl / IIC / SID / CID / III / IIS (escape only) / P95	X	X	X					X									X	X		ABCDEFKLMNOP

### 1. PROTECTION

N95 - Particulate Filter (95% filter efficiency level) effective against particulate aerosol free of oil; time use restriction may apply	P95 - 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 aerosol
AM - Ammonia HC - Hydrogen chloride OV - Organic Vapor	Cl - Chlorine HI - Hydrogen fluoride SII - Sulfur dioxide	Cl2 - Chlorine dioxide HIS - Hydrogen sulfide (escape only) MA - Methylamine

### 2. CAUTION AND LIMITATIONS

- A- Not for use in atmospheres containing less than 19.5 percent oxygen.
- B- Not for use in atmospheres immediately dangerous to life or health.
- C- Do not exceed maximum use concentrations established by regulatory standards.
- D- Follow established cartridge and canister change schedules or observe TSI 1 to ensure that cartridges and canisters are replaced before breakthrough occurs.
- E- Failure to properly use and maintain this product could result in injury or death.
- F- The Occupational Safety and Health Administration regulations require gas proof goggles to be worn with this respirator when used against formaldehyde.
- G- Follow the manufacturer's User's Instructions for changing cartridges, canister and/or filters.
- H- All approved respirators shall be selected, fitted, used, maintained in accordance with MSHA, OSHA, and other applicable regulations.
- I- Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configurations as specified by the manufacturer.
- J- Refer to User's Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
- K- NIOSH does not evaluate respirators for use as surgical masks.

## **IMPORTANT NOTICE TO USERS**

Read Instruction Manual, included with 8000 respirator facepiece, before wearing. You are responsible to understand and follow all warnings, restrictions and other information contained in the Instruction Manual. Failure to do so may result in sickness or death.

### **USE AGAINST**

1. Contaminants specified on NIOSH approval label or bag or cartridges or filters and in Manual.
2. Contaminants with good warning properties, i.e. smell, taste or irritation.

### **DO NOT USE AGAINST**

1. Concentrations of contaminants which are unknown, or are immediately dangerous to life or health.
2. Concentrations of contaminants which exceed the maximum use concentration or 10 times the OSHA Permissible Exposure Limit, whichever is lower.
3. Gases or vapors with poor warning properties or those which generate high heats of reaction, or paint sprays containing isocyanates, or sandblasting.
4. Oil-based mists with N filters.

### **WARNING TO USER**

1. Follow all instructions and warnings on the use of these cartridges and respirator and wear during all times of exposure. Failure to do so will reduce respirator effectiveness, wearer protection, and may result in sickness or death.
2. For proper use, ask your supervisor.
3. The user must first be trained by the employer in proper respirator use, in accordance with applicable safety and health standards, for the contaminant and exposure level in the assigned work area.
4. The vapors, gases, dusts, mists, fumes, and other contaminants which can be dangerous to your health include those which you cannot see, taste, or smell.
5. Check with your supervisor for the appropriate cartridges and/or filters for the contaminants in your work area.

### **RESTRICTIONS:**

1. This respirator does not supply oxygen and must not be used in atmospheres containing less than 19.5% oxygen.
2. Do not remain in contaminated area if any physical distress occurs, for example breathing difficulty, dizziness or nausea.
3. Leave contaminated area and replace respirator and/or cartridge or filter if it is damaged, distorted, a proper fit cannot be obtained, you taste, smell or become irritated by contaminants, or breathing becomes difficult.
4. Do not alter, modify, or abuse the respirator, cartridge and/or filter.
5. Store cartridges, filters and respirator in sealed bag in a clean, dry, non-contaminated area.
6. Dispose of facepiece, and/or cartridges and disks/filters, according to your employer's policy and local regulations.
7. Filters are required for particulates.
8. **Where oil mists are present**, either alone or in combination with solid particulates, do not use the R or P filters for longer than one eight-hour work shift. Dispose no later than eight hours after first use. Do not exceed 10XPEL or a total of 200 mg loading per respirator, whichever is lower. It is the user's responsibility to know the PEL and concentration of the contaminant, the maximum workrate of the employee, and any other worksite specific information to calculate the loading of the filter. Where oil mists are present do not use N filters.
9. **Where oil mists are not present**, dispose of all cartridges, N, R, P filters, no later than thirty days after first use.
10. Use cartridges, filters, and facepieces before the "use by" expiration date printed on box.

# 8000 SERIES RESPIRATOR APPROVED COMBINATIONS

## GAS/VAPOR



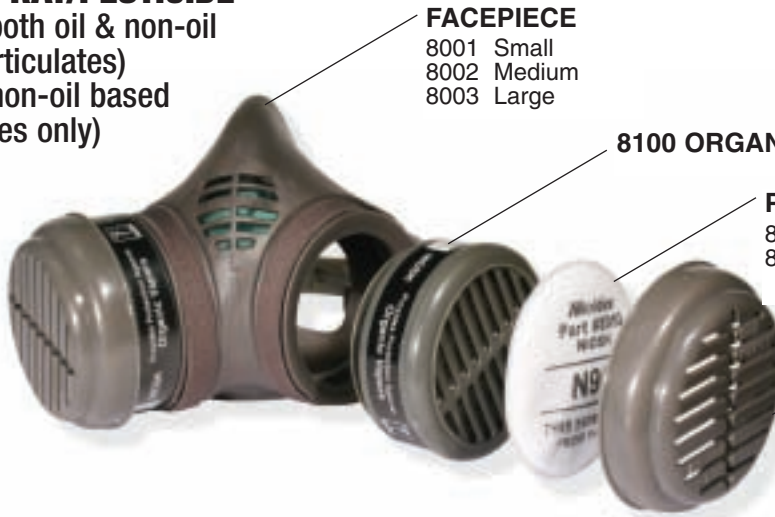
### FACEPIECE

- 8001 Small
- 8002 Medium
- 8003 Large

### CARTRIDGES

- 8100 Organic Vapors
- 8200 Acid Gases
- 8300 Organic Vapors/Acid Gases
- 8400 Ammonia/Methylamine
- 8500 Formaldehyde
- 8600 Multi Gas/Vapor Smart<sup>®</sup> Cartridge

## PAINT SPRAY/PESTICIDE (R95 for both oil & non-oil based particulates) (N95 for non-oil based particulates only)



### FACEPIECE

- 8001 Small
- 8002 Medium
- 8003 Large

### 8100 ORGANIC VAPOR CARTRIDGE

### PARTICULATE FILTERS

- 8970 R95 Particulate Filter
- 8910 N95 Particulate Filter

### 8020 RETAINER

## P100 PARTICULATE FILTER DISK OR P100 CARTRIDGE STANDALONE



### FACEPIECE

- 8001 Small
- 8002 Medium
- 8003 Large

### P100 FILTER DISK/CARTRIDGE

- 8940 P100 Particulate Filter Disk
- 8990 P100 Particulate Cartridge
- (8900 Filter/Disk Holder is not required with 8990)

### 8900 FILTER/DISK HOLDER including RETAINER RING

**GAS/VAPOR CARTRIDGES  
PIGGYBACKED WITH  
P100 PARTICULATE  
FILTER/DISK**



**FACEPIECE**  
8001 Small  
8002 Medium  
8003 Large

**CARTRIDGES**  
8100 Organic Vapors  
8200 Acid Gases  
8300 Organic Vapors/Acid Gases  
8400 Ammonia/Methylamine  
8500 Formaldehyde  
8600 Multi Gas/Vapor  
Smart® Cartridge

**P100 FILTER DISK**  
8940 P100 Particulate Filter Disk

**8920 FILTER DISK ADAPTER**  
including **RETAINER RING**

**PARTICULATE STANDALONE  
WITH N95 OR  
R95 FILTERS**



**FACEPIECE**  
8001 Small  
8002 Medium  
8003 Large

**PARTICULATE FILTERS**  
8910 N95 Particulate Filter (non-oil based only)  
8755 N95 Particulate Filter Plus Nuisance Levels OV/Ozone  
8970 R95 Particulate Filter  
(R95 for both oil & non-oil based particulates)

**8900 PARTICULATE FILTER/DISK HOLDER**  
including **RETAINER RING**

**GAS/VAPOR CARTRIDGES  
WITH N95 PARTICULATE  
FILTER OR R95  
PARTICULATE  
FILTER**



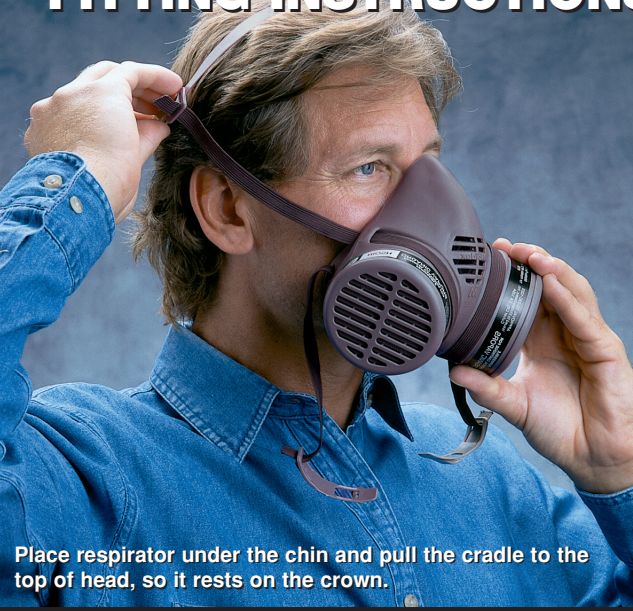
**FACEPIECE**  
8001 Small  
8002 Medium  
8003 Large

**CARTRIDGES**  
8100 Organic Vapors  
8200 Acid Gases  
8300 Organic Vapors/Acid Gases  
8400 Ammonia/Methylamine  
8500 Formaldehyde  
8600 Multi Gas/Vapor Smart® Cartridge

**8020 RETAINER**

**PARTICULATE FILTERS**  
8910 N95 Particulate Filter (non-oil based only)  
8970 R95 Particulate Filter  
(R95 For both oil & non-oil based particulates)

# YOUR LUNGS DESERVE ALL THE PROTECTION THEY CAN GET.



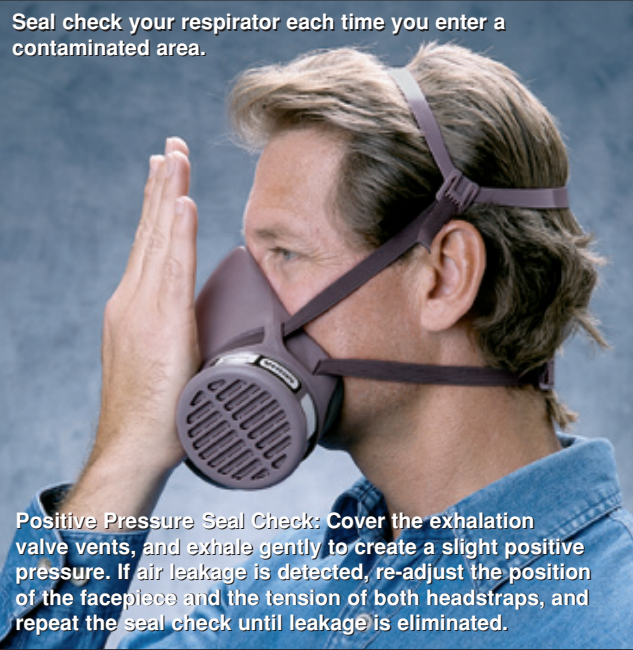
Place respirator under the chin and pull the cradle to the top of head, so it rests on the crown.



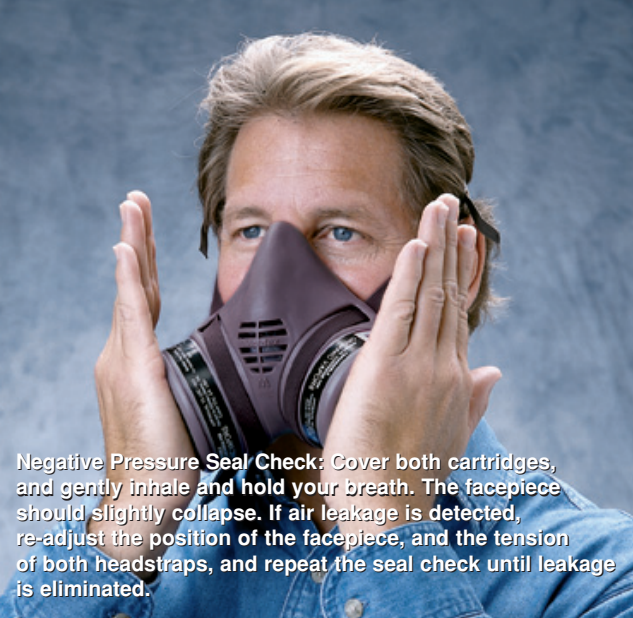
Attach the bottom straps behind the neck.



Adjust both straps to obtain a secure and comfortable fit. Tighten by pulling on ends, or loosen by pushing out on buckle tab.



Positive Pressure Seal Check: Cover the exhalation valve vents, and exhale gently to create a slight positive pressure. If air leakage is detected, re-adjust the position of the facepiece and the tension of both headstraps, and repeat the seal check until leakage is eliminated.



Negative Pressure Seal Check: Cover both cartridges, and gently inhale and hold your breath. The facepiece should slightly collapse. If air leakage is detected, re-adjust the position of the facepiece, and the tension of both headstraps, and repeat the seal check until leakage is eliminated.



## **WARNING**

Failure to follow all instructions and warnings on the proper use of this respirator, each time it is worn, may reduce respirator effectiveness, wearer protection and may result in sickness and/or death. It is the user's responsibility to obtain a proper fit. If you cannot obtain a proper fit, do not enter the contaminated area. OSHA Regulation 1910.134 (f) requires that the user be fit tested before being assigned a respirator. Do not wear with any facial hair, which may prevent the respirator from fitting properly, such as beards or long sideburns.

# MOLDEX<sup>®</sup>

Ideas that wear well.™

ISO 9001:2000  
**MOLDEX**  
REGISTERED