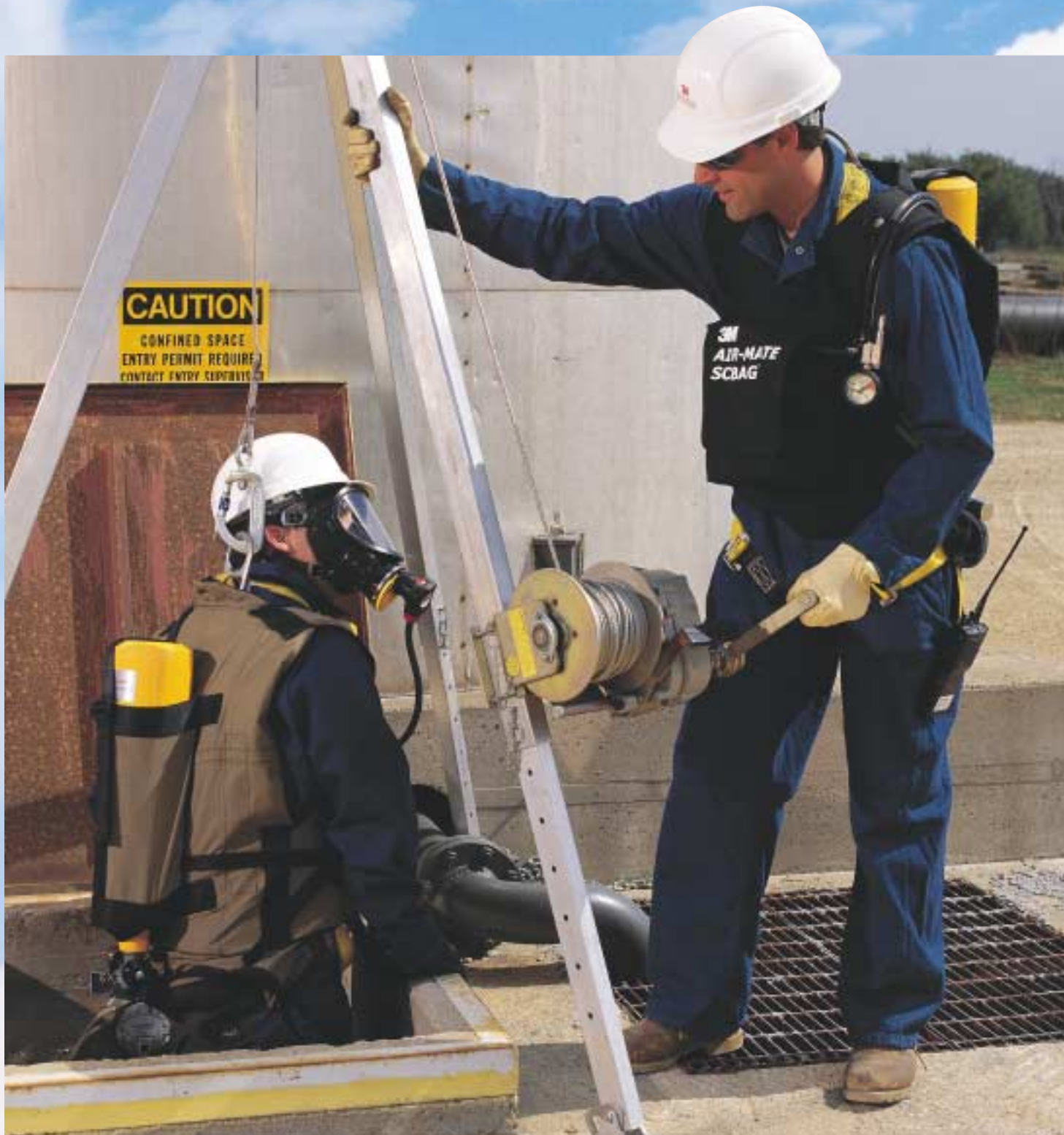


3M™ Air-Mate™ Self-Contained Breathing Apparatus (SCBA)



3M™ Air-Mate™ Combination Escape Self-Contained Breathing Apparatus (ESCBA)/Supplied Air Respirator (SAR)

5 min.

15 min.

Supplied Air

Versatility in IDLH conditions

A combination escape SCBA and supplied air respirator, this NIOSH-approved system offers a high level of respiratory protection for environments that are immediately dangerous to life and health (IDLH).

Improved lightweight design makes it ideal for petrochemical, nuclear, hazardous materials handling, waste treatment, confined spaces and other IDLH, or potential IDLH applications.

5 minute



15 minute



Full facepiece features quarter-turn pressure-demand valve for a secure attachment.

First-breath activation allows the unit to be donned in a non-hazardous environment before connecting the pressure-demand valve.

Airline connection enables wearer to remain in IDLH atmospheres for extended periods of time.



Improved harness design secures the air cylinder to the leg, providing maximum comfort and confidence when working in IDLH environments.

Interchangeable 5- and 15-minute cylinders allow flexibility for different applications and escape needs.

3M Air-Mate Combination ESCBA/SAR Ordering Information

Part No.	Description	Cylinder Type	PSI	Rated Duration	Vest Harness Material
BA-3205-S	5 minute (small facepiece)	Aluminum	2216	5 Min.	Nylon
BA-3205-M	5 minute (medium facepiece)	Aluminum	2216	5 Min.	Nylon
BA-3205-L	5 minute (large facepiece)	Aluminum	2216	5 Min.	Nylon
BA-3215-S	15 minute (small facepiece)	Hoop Wrapped	3000	15 Min.	Nylon
BA-3215-M	15 minute (medium facepiece)	Hoop Wrapped	3000	15 Min.	Nylon
BA-3215-L	15 minute (large facepiece)	Hoop Wrapped	3000	15 Min.	Nylon
BAP-2005673	Cylinder, Valve and Pouch	Aluminum	2216	5 Min.	
BAP-2005672	Cylinder, Valve and Pouch	Aluminum	2216	5 Min.	

Alternate airline fittings available.

3M™ Air-Mate™ 2000 Self-Contained Breathing Apparatus (SCBA)

30 min.
Supplied Air (Optional)

Maximum protection, maximum durability

The Air-Mate 2000 system is for workers who require respiratory protection for environments that are immediately dangerous to life and health (IDLH). It's NIOSH-approved for both entry into and escape from

confined spaces. Optional airline connection enables the wearer to remain in IDLH atmospheres for extended periods of time.

Easily viewable shoulder-mounted, low-pressure gauge indicates cylinder air pressure.

Audible end-of-service alarm alerts wearer of low air supply.



Full facepiece features quarter-turn pressure-demand valve for a secure attachment.

First-breath activation allows the unit to be donned in a non-hazardous environment before connecting the pressure-demand valve.

Built-in speaking diaphragm allows clear communication with co-workers.



Quick-release cylinder band clamp makes cylinder changes quick and easy.

Single-piston, first-stage, fail-open regulator has few moving parts, improving dependability and reducing maintenance costs.



Ergonomically designed backplate distributes weight evenly, providing maximum comfort.

3M Air-Mate 2000 SCBA Ordering Information

Part No.	Description	Cylinder Type	PSI	Rated Duration	Vest Harness Material
BA-2430-S	2000 (small facepiece)	Aluminum	2216	30 Min.	Cordura™ Nylon
BA-2530-S	2000 w/Airline (small facepiece)	Aluminum	2216	30 Min.	Cordura™ Nylon
BA-2430-M	2000 (medium facepiece)	Aluminum	2216	30 Min.	Cordura™ Nylon
BA-2530-M	2000 w/Airline (medium facepiece)	Aluminum	2216	30 Min.	Cordura™ Nylon
BA-2430-L	2000 (large facepiece)	Aluminum	2216	30 Min.	Cordura™ Nylon
BA-2530-L	2000 w/Airline (large facepiece)	Aluminum	2216	30 Min.	Cordura™ Nylon
BAP-2003933	Cylinder and Valve	Aluminum	2216	30 Min.	

3M™ Air-Mate™ SCBAG™ Self-Contained Breathing Apparatus (SCBA)

30 min.

Supplied
Air (Optional)

Nothing is more convenient

The SCBAG system is unlike any other product in its class. It's stored in a unique, reversible carrying bag that opens to form a vest with the SCBA system in place and ready to use. Portable and donned easily in a matter of seconds, it's perfect for confined spaces and emergency use,

and it makes training simple. It's NIOSH-approved for both entry into and escape from confined spaces. Optional airline connection enables wearer to remain in IDLH atmospheres for extended periods of time.

Full facepiece features quarter-turn pressure-demand valve for a secure attachment.

First-breath activation allows the unit to be donned in a non-hazardous environment before connecting the pressure-demand valve.

Easily viewable shoulder-mounted, low-pressure gauge indicates cylinder air pressure. Audible end-of-service alarm alerts wearer of low air supply.

Lightweight, vest-style harness features improved shoulder and back padding and distributes weight evenly for greater comfort.

Adjusts up to 58" in chest size for improved fit.

Hook-and-loop harness closure adjustment provides fast and easy donning.



Front pouch stores and protects the facepiece until needed.



Lightweight, hoop-wrapped, 30-minute cylinder is positioned for ideal weight distribution and easier valve access.



3M Air-Mate SCBAG SCBA is a bag that opens to form a vest with the SCBA system in place and ready to use. The SCBAG is available with a durable, black Cordura™ nylon harness or a flame-resistant brown Advance™ Harness.

3M Air-Mate SCBAG SCBA Ordering Information

Part No.	Description	Cylinder Type	PSI	Rated Duration	Vest Harness Material
BA-4430-S	SCBAG (small facepiece)	Hoop Wrapped	4500	30 Min.	Cordura™ Nylon
BA-4530-S	SCBAG w/Airline (small facepiece)	Hoop Wrapped	4500	30 Min.	Cordura™ Nylon
BA-4430-M	SCBAG (medium facepiece)	Hoop Wrapped	4500	30 Min.	Cordura™ Nylon
BA-4530-M	SCBAG w/Airline (medium facepiece)	Hoop Wrapped	4500	30 Min.	Cordura™ Nylon
BA-4430-L	SCBAG (large facepiece)	Hoop Wrapped	4500	30 Min.	Cordura™ Nylon
BA-4530-L	SCBAG w/Airline (large facepiece)	Hoop Wrapped	4500	30 Min.	Cordura™ Nylon
BA-4630-S	SCBAG (small facepiece)	Hoop Wrapped	4500	30 Min.	Advance™
BA-4730-S	SCBAG w/Airline (small facepiece)	Hoop Wrapped	4500	30 Min.	Advance™
BA-4630-M	SCBAG (medium facepiece)	Hoop Wrapped	4500	30 Min.	Advance™
BA-4730-M	SCBAG w/Airline (medium facepiece)	Hoop Wrapped	4500	30 Min.	Advance™
BA-4630-L	SCBAG (large facepiece)	Hoop Wrapped	4500	30 Min.	Advance™
BA-4730-L	SCBAG w/Airline (large facepiece)	Hoop Wrapped	4500	30 Min.	Advance™
BAP-2003930	Cylinder and Valve	Hoop Wrapped	4500	30 Min.	

3M™ Air-Mate™ SCBAG™ SCBA Harness Donning Procedures



SCBAG is a self-contained system that stores in its own carrying bag.



Unzip the bag and open on a flat surface with the cylinder valve pointing toward you.



Separate the hook-and-loop fasteners holding the flaps together and open up the vest.



Turn the SCBAG over so the cylinder is underneath and the carrying straps are on top.



Fold each zippered flap toward the center and fasten the hook-and-loop fasteners, enclosing the carrying straps. Perform the pre-operational inspection specified in the *User Instructions*.



Grasp the vest at the shoulder flaps with the inside of the vest facing you.



Slip your right arm into the armhole.



Slip your left arm into the armhole under the hoses and gauge. Position the SCBAG on your back as you would a jacket or vest.



Smooth the right side against your stomach, then fold the left side across to secure the hook-and-loop fasteners.



Fasten the waist belt tang to the buckle strap extending from the right side of the facepiece pouch. To tighten, pull the free end of the waist belt away from the buckle tang. To loosen, pull the buckle and tang away from the fixed end of the waist belt.

3M™ Air-Mate™ 7800S-AM Full Facepiece Donning Procedures



Open the cylinder valve.



With the headstraps fully extended and placed out over the front of the facepiece, place your chin into the chin cup and hold the facepiece snug against your face.



Pull the headstraps down over the back of your head, brushing away any hair from the sealing surface. Your first breath will activate the system, letting you breathe freely.



Pull straight back on the headstraps to tighten. Start with the lower chin straps and work your way up to the top straps.

Positive Pressure/Regulator Test



Insert two fingers between your cheek and the facepiece, and gently lift the facepiece away. A good outward flow of air indicates the facepiece pressure is positive. After removing your fingers to reseat the facepiece, there should be no air leaking from the pressure-demand valve or facepiece.

Emergency Bypass Test



Open the pressure-demand valve by rotating the red emergency by-pass knob a quarter turn until it stops. There should be a constant flow of air into the facepiece. Turn the knob back to the closed position, with the flat part of the knob pointed toward you.

User Seal Check/Low Pressure Alarm Tests

Close the cylinder valve and breathe normally. Observe the pressure gauge and listen for the low-pressure audible alarm as the pressure gauge moves into the red zone. Continue breathing until the facepiece collapses slightly against your face. Inhale gently and hold your breath. If the facepiece remains collapsed for several seconds, you have a correct seal. Return the cylinder valve to the open position.

3M™ 7800S Series Full Facepiece Family

The 7800S series full facepiece family offers the versatility to standardize with one full facepiece family for all of your applications. From negative pressure to self-contained-breathing apparatus, the easy-to-use 7800S series full facepiece family will provide unsurpassed comfort and security to your workers. Double-flanged silicone face seal

provides a comfortable fit for a large variety of face sizes and shapes. Six-point adjustable straps provide a secure fit. Standard speaking diaphragm provides clear communication. And since fit testing requirements are identical across all 7800S series configurations, **one passing fit test meets OSHA requirements for all your applications.**



7800S

7800S-AM

Use the 7800S for

Use the 7800S-AM for

One fit for every function

Air purifying respirator

Face-mounted PAPR***

Belt-mounted PAPR

Dual airline supplied air respirator

Supplied air respirator

3M™ Air-Mate™ ESCBA* Combination Supplied Air Respirator (5 and 15 minute)

3M™ Air-Mate™ SCBAG™ SCBA** (30 minute)

3M™ Air-Mate™ 2000 SCBA** (30 minute)

Pressure demand respirator


*Escape Self-Contained Breathing Apparatus
 **Self-Contained Breathing Apparatus
 ***Powered Air Purifying Respirator

3M™ Air-Mate™ Airline Hoses Ordering Information

Description	Part No.	Description	Part No.
25 ft. (7.5 m) Neoprene, Hansen 1000, fitting not removable	367-01-02R01	25 ft. (7.5 m) Neoprene, Schrader	367-01-02SC1
50 ft. (15.0 m) Neoprene, Hansen 1000, fitting not removable	367-02-02R01	50 ft. (15.0 m) Neoprene, Schrader	367-02-02SC1
100 ft. (30.0 m) Neoprene, Hansen 1000, fitting not removable	367-03-02R01	100 ft. (30.0 m) Neoprene, Schrader	367-03-02SC1
25 ft. (7.5 m) Neoprene, Hansen 1000	367-01-02HA1	25 ft. (7.5 m) Neoprene, Hansen HK	367-01-02HK1
50 ft. (15.0 m) Neoprene, Hansen 1000	367-02-02HA1	50 ft. (15.0 m) Neoprene, Hansen HK	367-02-02HK1
100 ft. (30.0 m) Neoprene, Hansen 1000	367-03-02HA1	100 ft. (30.0 m) Neoprene, Hansen HK	367-03-02HK1
25 ft. (7.5 m) Neoprene, Foster	367-01-02FS1	25 ft. (7.5 m) EPDM, Blue, Hansen S22	W-9435/S22-25
50 ft. (15.0 m) Neoprene, Foster	367-02-02FS1	50 ft. (15.0 m) EPDM, Blue, Hansen S22	W-9435/S22-50
100 ft. (30.0 m) Neoprene, Foster	367-03-02FS1	100 ft. (30.0 m) EPDM, Blue, Hansen S22	W-9435/S22-100

Use Limitations

1. Failure to comply with all instructions and warnings on the use of these products and/or failure to wear the respirator during all times of exposure may reduce respirator effectiveness and result in **serious bodily injury, sickness or death.**
2. Never alter or modify these respirators.
3. Repair or replace respirator parts if they become damaged. Use appropriate 3M parts only.
4. Use of the equipment described in this brochure should be in accordance with applicable safety and health standards, respirator selection tables contained in such publications as ANSI Z88.2-1992, or pursuant to the recommendations of an industrial hygienist.
5. If you have any doubts about the applicability of the equipment to your job situation, it is recommended you consult your supervisor, an industrial hygienist or call 3M Occupational Health and Environmental Safety Division (OH&ESD), Technical Service Department at 1-800-243-4630.

⚠ WARNING	
	<ul style="list-style-type: none"> • Before using any of the respiratory products pictured in this brochure, the wearer must read and/or understand all warnings, use limitations and fitting instructions accompanying each product. Failure to do so may result in serious bodily injury, sickness or death. • Use of 3M™ Respirators by untrained or unqualified persons, or use not in accordance with the <i>User Instructions</i>, may adversely affect product performance and result in serious bodily injury, sickness or death. • Each respirator must be properly selected based on the contaminant and concentration levels to which the worker is exposed. • 3M respirators are to be used only by qualified persons properly trained in their use and maintenance, and only in accordance with their <i>User Instructions</i>. Each person using these products must first read and understand the <i>User Instructions</i>. Failure to do so may result in serious bodily injury, sickness or death. • The compressed air used with and SCBA, Escape SCBA or supplied air system shall meet at least the requirements for grade D breathing air per Compressed Gas Association Commodity Specification, CGA G-7.1-1989 and 29CFR1910.134(i), in the United States, and Table 2 of the CSA Standard CAN3-Z180.1-M85, in Canada. The compressor shall be equipped with safety and standby devices per OSHA Standard 1910.134 or CSA Standard CAN3-Z180.1-M85 in Canada. • Be sure breathing air couplings are incompatible with outlets for nonrespirable plant air or other gas systems to prevent servicing of airline respirators with nonrespirable air or oxygen. Use of nonrespirable air will cause serious bodily injury, sickness or death. • The employer must also have established a satisfactory respirator program such as described in OSHA Standard 1910.134 or CSA Standard Z94.4-93 in Canada.

For more information

In United States, contact:

Technical Assistance
1-800-243-4630
Sales Assistance
1-800-896-4223
Fax-on-Demand
1-800-646-1655
Internet
www.3M.com/occsafety
E-mail
occsafety@mmm.com

In Canada, contact:

Technical Assistance
1-800-267-4414
Marketing Assistance
1-800-265-1840, ext. 6137
Internet
www.3M.com/intl/CA/ohes.html
E-mail
ohes@ea.mmm.com

For other 3M products:

1-888-3M-HELPS
or 1-612-737-6501



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10% Post-consumer waste paper

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70-0710-4221-5