Fire Services Catalog

Committed to protecting firefighters.

When you respond to a call, you have to have confidence in your gear. It's why we bring our dedication to protecting you in everything we do — whether it's building in redundant safety systems, improving situational awareness, meeting or exceeding regulatory standards or enhancing firefighter comfort. We rely on our long history and experience in the industry to develop products that incorporate our science-driven technology platforms to help ensure your safety. We know that when we deliver our best, you can deliver your best to take on today's challenging fires and rescues.
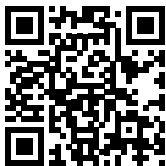
Contents

3M™ Scott™ Air-Pak™ XD SCBA

The 3M™ Scott™ Air-Pak™ XD SCBA is built upon the history, reliability, and ruggedness of the traditional "wireframe" SCBA, with the added benefits of modern technology and innovation that firefighters expect from today's SCBA.

- ▶ Compliant to NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services, 2018 Edition

- ▶ Compliant to NFPA 1982, Standard on Personal Alert Safety Systems (PASS), 2018 Edition

- ▶ Rugged wireformed backframe maintains a low-profile design and is engineered for improved usability, durability, and serviceability

- ▶ Low profile SCBA designed to help minimize snag points when working in tight spaces

- ▶ Configurable harness allows for padded or unpadded shoulder and waist pad options, and can be configured with parachute or spring clip buckles

- ▶ New electronics maintain an ergonomic console design, while offering extended range and greater resistance to Radio Frequency (RF) interference (when configured with 3M™ Scott™ SEMS 3.0 Wireless SCBA Telemetry System)

- ▶ Redundant safety features, including the dual-redundant pressure reducer, are designed to help the SCBA perform, while also providing firefighters peace of mind

- ▶ Pressure reducer cover enables the SCBA to be machine washed in automated SCBA washers*

- ▶ Removable harness allows for cleaning and decontamination to help with exposure reduction efforts

- ▶ Advanced harness materials offer greater resistance to chemical exposure and less water absorption to help minimize contamination

- ▶ Naturally-articulating waist pad promotes greater range of motion to the user, while transferring weight to the hips for a more balanced load

- ▶ Proven regulator design offers low breathing resistance to help reduce user burden

*instructions on use of automated SCBA washers should be consulted prior to washing

- ▶ 3M™ Scotchlite™ Reflective Material enhances visibility of the SCBA when operating in low-light conditions, improving safety and accountability on the fireground

- ▶ Bluetooth® enabled electronics support wireless connectivity between devices for improved configurability, data transmission/retrieval, firefighter safety and fireground accountability

- ▶ Electronic personnel accountability report (ePAR) helps reduce excess radio traffic by allowing incident command to send a PAR request electronically using an audible and visual notification, to which firefighters can respond with a simple click of a button on the console

- ▶ Integrated Drag Rescue Loop provides a horizontal pull strength of 1,000 lbs. to assist with rescuing a downed firefighter

- ▶ "Buddy" Lights help enable a 360° view of the firefighter's air pressure and PASS status

- ▶ "As Long As You Own It" Warranty provides peace of mind knowing that your most important investment is backed for your lifetime ownership of the SCBA

- ▶ Proudly "Made in the USA" with attention to quality and workmanship

Learn more about the 3M™ Scott™ Air-Pak™ XD SCBA.

SCBA

3M™ Scott™ Air-Pak™ X3 Pro SCBA

The 3M™ Scott™ Air-Pak™ X3 Pro SCBA is built on a foundation of redundant safety features, providing unparalleled performance to protect the family of firefighters who expect the best in the most demanding conditions.

- Compliant to NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services, 2018 Edition

- Compliant to NFPA 1982, Standard on Personal Alert Safety Systems (PASS), 2018 Edition

- Advanced harness materials offer greater resistance to chemical exposure and less water absorption to help minimize contamination

- Removable harness allows for cleaning to help with exposure reduction efforts

- Shoulder harness design improves the ease of donning and minimizes pressure points to help reduce user fatigue

- Naturally articulating waist pad promotes greater range of motion to the user, while transferring weight to the hips for a more balanced load

- 3M™ Scott™ E-Z Flo C5 Regulator offers enhanced breathing performance to help reduce user burden

- Redundant safety features, including the dual-redundant pressure reducer, are designed to help the SCBA perform, while also providing firefighters peace of mind

- 3M™ Scotchlite™ Reflective Material delivers enhanced visibility of the SCBA when operating in low-light conditions, improving safety and accountability on the fireground

- Bluetooth® enabled electronics support wireless connectivity between devices for improved configurability, data transmission/retrieval, firefighter safety and fireground accountability

- Electronic Personnel Accountability Report (ePAR) provides wireless, bi-directional communication between the firefighter and incident command (using Monitor Pro telemetry software) to help improve fireground accountability and communications

- System Integrity Alarm provides visual and audible alerts to notify SCBA wearer and incident command (using Monitor Pro telemetry software) of impending electronics degradation due to elevated temperature

- Integrated Drag Rescue Loop provides a horizontal pull strength of 1,000 lbs. to assist with rescuing a downed firefighter

- High-flow alarm provides visual and audible alerts (using Monitor Pro telemetry software) to notify incident command of a high-flow condition from a firefighter's SCBA during a full-alarm PASS activation (e.g., free flow, etc.)

Learn more about the 3M™ Scott™ Air-Pak™ X3 Pro SCBA.

3M™ Scott™ X3-21 Pro SCBA

The 3M™ Scott™ X3-21 Pro SCBA provides a non-firefighting CBRN-certified respirator for tactical and technical operations, including urban search and rescue (US&R) and HAZMAT response.

- Certified to NFPA 1986, Standard on Respiratory Protection Equipment for Tactical and Technical Operations, including NIOSH-CBRN certification

- Natural articulation of the waist pad promotes greater range of motion to the user while transferring weight to the hips for a more balanced load

- Proven regulator design provides low breathing resistance to help reduce user burden

- Advanced harness materials offer greater resistance to chemical exposure to help minimize contamination

- Removable harness allows for cleaning to help with exposure reduction efforts

- MOLLE-compatible* shoulder harness improves the ease of donning and minimizes pressure points to help reduce user fatigue

- Non-reflective, low visibility materials and multiple attachment points allow custom configurations to meet the user's needs

- Lightweight and durable backframe is designed to place the bulk of the SCBA's weight on the hips for improved weight distribution

- Dual-redundant pressure reducer provides peace of mind knowing that the SCBA will perform in critical life safety environments

*MOLLE is a general acronym for Modular Lightweight Load-carrying Equipment.

- 5500 psig cylinder technology minimizes weight and profile helping to reduce user fatigue

- Simple-to-use SCBA designed with operational efficiencies and ease of training in mind

- EBSS option provides compatibility between SCBA for "buddy breathing" utilizing Hansen-type or Rectus- type fittings

- Snap-Change cylinder option promotes rapid cylinder replacement, improves efficiencies during cylinder charging, and reduces wear and tear on the cylinder valve (standard CGA also available)

- "As Long As You Own It" Warranty provides peace of mind knowing that your most important investment is backed for your lifetime ownership of the SCBA

- Cost savings and mutual aid may be realized by the ability to share cylinders, air compressors, service centers, training and fit testing

Learn more, visit 3M.com/x3-21pro

3M™ Scott™ SCBA Cylinders

3M Scott offers a complete assortment of compressed breathing air cylinders to meet the needs and demands of all SCBA users, from aluminum cylinders for infrequently used SCBA, to carbon-wrapped cylinders for daily use, including higher-pressure 5500 psig.

▶ Carbon fiber and aluminum cylinder designs

▶ Available in 2216, 4500 and 5500 psig cylinder pressures

▶ Custom logo cylinder identification bands

▶ 30-year-life cylinders—available only in the United States

▶ Optional protective cylinder sleeves and end caps available

3M™ Scott™ EZ-Scape Pro Firefighter Escape Belt

The 3M™ Scott™ EZ-Scape Pro Firefighter Escape Belt allows firefighters to utilize their SCBA as an attachment point for a personal self-rescue bail-out system, or as an attachment point for a ladder belt.

▶ Compliant with NFPA 1981, 2018 Edition when worn with a 3M™ Scott™ Air-Pak™ X3 Pro SCBA, as well as NFPA 1983, 2017 Edition

▶ Escape belt is available as a jettison configuration (removable from the SCBA) or a fixed configuration (non-removable from the SCBA)

▶ Available as a retrofit for 3M™ Scott™ Air-Pak™ X3 Pro SCBA and 3M™ Scott™ Air-Pak™ X3 SCBA

3M™ Scott™ EZ-Scape Pro Accessory Pouch

Compatible with the 3M™ Scott™ EZ-Scape Pro Firefighter Escape Belt, the 3M™ Scott™ EZ-Scape Pro Accessory Pouch provides firefighters more flexibility in selecting individual escape components, while maintaining the NFPA 1981 certification of the 3M™ Scott™ Air-Pak™ X3 Pro SCBA.

▶ Allows the end-user to choose an escape system to meet their specific needs, provided the system is certified to NFPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services

▶ Does not include an escape rope, descent control device or anchor device

▶ Compatible with the 3M™ Scott™ Air-Pak™ X3 Pro SCBA and 3M™ Scott™ Air-Pak™ X3 SCBA

3M™ Scott™ Vision C5 Facepiece with E-Z Flo C5 Regulator

Designed using a platform approach, the 3M™ Scott™ Vision C5 Facepiece with E-Z Flo C5 Regulator incorporates the latest technology to enhance situational intelligence in a customizable solution.

- Approved with 3M™ Scott™ Air-Pak™ SCBA models, compliant to the NFPA 1981 Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services, 2018 Edition

- Approved with select 3M™ Scott™ Air-Pak™ SCBA models compliant to the 2013 edition and 2007 edition of NFPA 1981

- Approved with the 3M™ Scott™ X3-21 Pro SCBA, compliant to the NFPA 1986 Standard on Respiratory Protection Equipment for Tactical and Technical Operations, 2023 Edition

- Wider field of view helps to improve situational awareness

- Face seal is designed for enhanced comfort and fit, as well as easier donning

- Enhanced buckle design for easier donning and a secure fit

- Removable head harness aids in cleaning and serviceability and helps to provide a secure fit. Available in a 4-strap or 5-strap configuration

- Dual voicemitters provide enhanced voice transmission, exceeding the Speech Transmission Index (STI) requirements for NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Service, 2018 Edition

- PPE interface—face seal provides wider landing area with ridges to help improve interface with protective hood

- Enhanced breathability helps reduce user burden and improve operational efficiencies

- Enhanced communications—reduced frequency Vibralert EOSTI helps improve two-way radio communications

- Auto air-saver simplifies operation when doffing the regulator and helps to prevent inadvertent air loss during removal from the facepiece

- Expanded heads-up display with additional status icons provides visual alerts to SCBA wearer for electronic Personnel Accountability Report (ePAR), EVAC and System Integrity Alarm (when using 3M™ Scott™ Air-Pak™ XD SCBA configured with SEMS 3.0 Wireless SCBA Telemetry System or Air-Pak™ X3 Pro SCBA configured with SEMS II Pro Wireless SCBA Telemetry System)

- External "Buddy" Lights assist with remote identification of a user's SCBA air remaining

- Recessed heads-up display helps improve downward view through facepiece

- Quarter-turn design provides secure connection to the facepiece

Learn more about the 3M™ Scott™ Vision C5 Facepiece.

3M™ Scott™ Vision C5 Facepiece with Radio Direct Interface

Designed using a platform approach, the 3M™ Scott™ Vision C5 Facepiece with Radio Direct Interface incorporates the latest technology to enhance situational intelligence in a customizable solution.

▶ Approved with 3M™ Scott™ Air-Pak™ SCBA, compliant to the NFPA 1981 Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services, 2018 Edition

▶ Approved with select 3M™ Scott™ Air-Pak™ SCBA models compliant to the 2013 edition and 2007 edition of NFPA 1981

▶ Radio direct interface enables wireless radio communications utilizing compatible radios

▶ In-mask communications help enhance voice intelligibility during two-way radio communications

▶ Bone conduction headphone helps enhance hearing and clarity of incoming radio communications

▶ Automated voice prompts provide verbal notification of changing system conditions

▶ Integrated volume switch allows users to adjust volume based on hearing acuity and environmental conditions

▶ Powered by intrinsically safe lithium-ion rechargeable battery

▶ Single-button operation provides simple, intuitive operation for powering on/off electronics

▶ Multipurpose solution allows continuous operation when transitioning between tactical (on air) and non-tactical (off air) operations

▶ Multi-platform solution is approved with compatible 3M™ Scott™ Air-Pak™ SCBA and compatible two-way radios

▶ Software configurable to modify settings using iOS or Android™ compatible mobile applications

▶ Enhanced communications—reduced frequency Vibralert EOSTI helps improve two-way radio communications

▶ Two-bay charger simultaneously charges two batteries using an AC/DC power supply or hard-wired, vehicle-mount connection

3M™ Scott™ AV-3000 HT Facepiece

The 3M™ Scott™ AV-3000 HT Facepiece is the latest AV-series facepiece, meeting all requirements established in the 2013 and 2018 Editions of the NFPA 1981 standard. The AV-3000 HT provides enhanced thermal durability and voice intelligibility performance for added safety. Incorporating SureSeal technology for enhanced comfort and fit, the AV-3000 HT may be used with a wide range of 3M filters and cartridges, to create a NIOSH-approved respirator assembly.

- ▶ Approved with 3M™ Scott™ Air-Pak™ SCBA, compliant to the NFPA 1981 Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services, 2018 Edition
- ▶ Approved with 3M™ Scott™ Air-Pak™ SCBA models compliant to the 2013 edition, 2007 edition and 2002 edition of NFPA 1981
- ▶ Proven SureSeal face seal for excellent fit and comfort
- ▶ Available in three sizes with either a four-strap or five-strap Kevlar® head harness
- ▶ Compatible with 3M™ Scott™ EPIC 3 Voice Communication Systems
- ▶ Right and left communication installation options
- ▶ Top-Down Convertibility—single facepiece is approved across range of respirators from the lowest to highest level of protection (APR, SAR, PAPR and SCBA)
- ▶ Compatible with 3M™ Scott™ Sight In-Mask Thermal Imager
- ▶ Versatility of facepiece helps lower cost of ownership through reduced fit testing, simplified training and reduced inventory requirements
- ▶ Easy-to-maintain facepiece with no exhalation valve to clean or manipulate
- ▶ Fully open front port enables easy communication and breathing without any obstruction when in stand-by mode

3M™ Scott™ EPIC 3 Voice Amplifier

The 3M™ Scott™ EPIC 3 Voice Amplifier provides robust, person-to-person communications in a sleek, streamlined design that projects the voice in the direction the user is facing.

▶ Automatic shut-off feature reduces costs of battery replacement and improves equipment readiness

▶ Durable, rugged design is robust enough to withstand day-to-day rigors, even in the most extreme applications

▶ Ribbed, textured surface for ease of handling even with wet-gloved hands

▶ Power button with tactile surface makes it easy to recognize activation with a gloved hand

▶ Angled, directional speaker projects an amplified voice in the direction the user is facing

▶ NIOSH- and NFPA-compliant as an accessory to compatible 3M™ Scott™ Air-Pak™ SCBA models

3M | **SCOTT™**
Fire & Safety

Incident RDC
A full suite of connected solutions

3M™ Scott™ Air-Pak™ X3 Pro SCBA

3M™ Scott™ Air-Pak™ XD SCBA

**3M™ Scott™ Monitor Pro
Telemetry Software Solution**

**3M™ Scott™ SEMS II
Wireless SCBA Telemetry System**

**3M™ Scott™ SEMS 3.0
Wireless SCBA Telemetry System**

3M™ Scott™ Incident RDC API

3M™ Scott™ Incident Remote Data Collection (RDC)

On a fire scene, conditions can change in the blink of an eye. With 3M™ Scott™ Incident Remote Data Collection (RDC), you get a clearer view of conditions on the fireground so you can better monitor the safety of your entire team.

▶ Critical information about firefighters' air supply

▶ Wirelessly transmitted to the incident commander

▶ Seamlessly integrated with third-party incident managementsoftware

SCBA Telemetry and Software Solutions

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3M™ Scott™ Incident Remote Data Collection (RDC)

See how it all comes together:

3M™ Scott™ Air-Pak™ XD SCBA
3M™ Scott™ Air-Pak™ X3 Pro SCBA

3M™ Scott™ SEMS 3.0 Gateway
3M™ Scott™ SEMS II Gateway

3M™ Scott™ Monitor Pro
Telemetry Software Solution

3M™ Scott™ Incident RDC API
Allows SCBA data to be shared with authorized third-party incident management software applications, giving the incident commander all-in-one monitoring capability.

API

Adashi
By Versaterm

SDI SYSTEMS DEFINITION INC.

Pak-Id	Name	Time On Electronics	Air Level	PASS	Evacuate	Withdraw	Range
SS-E1-A	Scott, Michael	00:02	5000				((•))
SS-E1-B	Johnson, Larry	00:03	5000		🏃		((•))
SS-E1-C	Ford, Henry	00:23	700				((•))
SS-E1-D	Tandy, Matt	00:04	4900			🚶	((•))
SS-E1-R	Repeater	00:18					((•))
SS-L5-A	Franklin, Ben	00:16	2575				((•))
SS-L5-B	Jones, John	00:13	3100	⚠ ✳			((•))
SS-L5-C	Smith, Robert	00:14	2900				((•))
SS-L5-D	Williamson, Aaron	00:02	5000				((•))
SS-MS01	Freeman, Milton	00:18	2200				((•))

3M™ Scott™ Monitor Pro Telemetry Software Solution

The 3M™ Scott™ Monitor Pro Telemetry Software Solution puts critical, real-time responder SCBA information at incident command's fingertips.
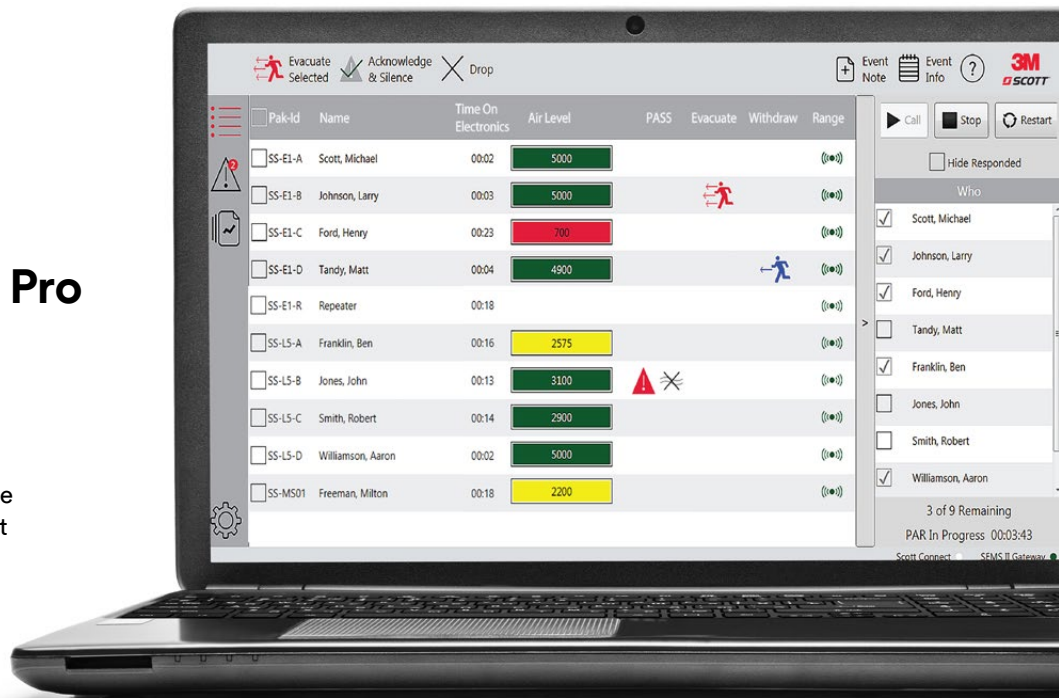
▶ Works with all 3M™ Scott™ Air-Pak™ SCBA equipped with either 3M™ Scott™ SEMS 3.0 or SEMS II Wireless SCBA Telemetry System

▶ Automatic acceptance of devices at base station helps to ensure devices are monitored from the moment they connect to the base station

▶ Integrates seamlessly with authorized third-party incident management software

▶ Alert view helps to provide immediate recognition of critical SCBA alerts for incident command

▶ Touch-friendly interface for enhanced usability

▶ Compatible with Windows 7 OS (and higher)

3M™ Scott™ SEMS II Repeater*

The 3M™ Scott™ SEMS II Repeater assists with providing continuity of the SEMS II mesh network created by SCBAs equipped with SEMS II or SEMS II Pro.

As a stand-alone accessory, the SEMS II repeater is ideal for use in areas where radio signal strength may be limited due to building construction (e.g., high-rise buildings) or other factors.

*Not compatible with 3M™ Scott™ SEMS 3.0 Wireless SCBA Telemetry System

3M™ Scott™ Pak-Link Programmer

The 3M™ Scott™ Pak-Link Programmer enables users to reprogram the Pak-Tracker ID of a 3M™ Scott™ Air-Pak™ SCBA and download critical SCBA data.

3M™ Scott™ Universal Bluetooth® Programmer

The 3M™ Scott™ Universal Bluetooth® Programmer is a utility interface for adjusting the operating settings of 3M Scott compatible devices, including the 3M™ Scott™ Sight In-Mask Thermal Imager and 3M™ Scott™ EPIC 3 Voice Communication Systems.

SCBA Telemetry and Software Solutions

3M™ Scott™ V320 Thermal Imager

The 3M™ Scott™ V320 Thermal Imager is where tactical meets practical. Equipped with extended battery life and providing up to eight hours of continuous runtime, the V320 thermal imager gives firefighters mission critical information to help make better decisions in extreme conditions.

▶ 320×240 high-resolution sensor—provides clear images, enabling firefighters to navigate through limited-visibility conditions

▶ Extended battery life—up to eight-hour runtime with a removable, rechargeable battery

▶ Single-button operation—single-button on/off provides easy deployment; no menus required

▶ 3.5" high-contrast display—ensures the image on the display can be seen in multiple light conditions

▶ Fast startup time—ready for use within five seconds of activating the power button—without the use of a standby mode

▶ Lightweight and durable—designed to withstand the extreme conditions

▶ Ergonomics—balanced for ease of use in bare or gloved hands

3M™ Scott™ Sight In-Mask Thermal Imager

The 3M™ Scott™ Sight In-Mask Thermal Imager combines a small thermal camera mounted to the side of the facepiece with a miniaturized display inside of the facepiece, enabling hands-free operation.

- ► In-mask display—see a clear image unaffected by external conditions
- ► Adjustable display—configurable to your line of sight
- ► Auto system power-off—equipped with an accelerometer to automatically turn off the system when not in use
- ► Single-button power-off—power off both the in-mask display and thermal imaging camera by a single press of the power button on the in-mask display
- ► Instantaneous on—power the in-mask display on with a one-second push of the in-mask display power button
- ► Standby mode—activate standby mode with a single push of the thermal imaging camera power button
- ► Minimum four-hour battery life—powered by simple, everyday AAA batteries

- ► Fits any 3M™ Scott™ AV-3000 HT Facepiece— buy as a complete kit or upgrade your current AV-3000 HT facepiece
- ► 3M™ Scott™ Sight Mobile Configurator Application— iOS® and Android™ compatible; allows configuration of individual settings
- ► Hot-spot tracker—immediately identify the hottest part of the scene and display its relative temperature. Ideal for overhaul, search and rescue and risk assessment (Pro Package only)
- ► Cold-spot tracker—immediately identify the coldest part of the scene and display its relative temperature. Ideal for hazmat environments (Pro Package only)
- ► Tactical Video Recording (TVR)—automatically record all the information shown on the in-mask display for review later (Pro Package only)

3M™ Scott™ Pak-Tracker Firefighter Locator System

The 3M™ Scott™ Pak-Tracker Firefighter Locator System is a tool designed to help locate a trapped or downed firefighter within a single or multi-story structure.

▶ Handheld receiver allows for monitoring up to 36 SCBA with an active PASS alarm

▶ Utilizes three visual and audible indicators to direct the search crew to the downed firefighter

▶ Easy-to-use, glove-friendly, push-button operation

▶ Automatic activation of integrated system upon SCBA air activation

▶ High-intensity LED lights indicate battery power status and signal strength
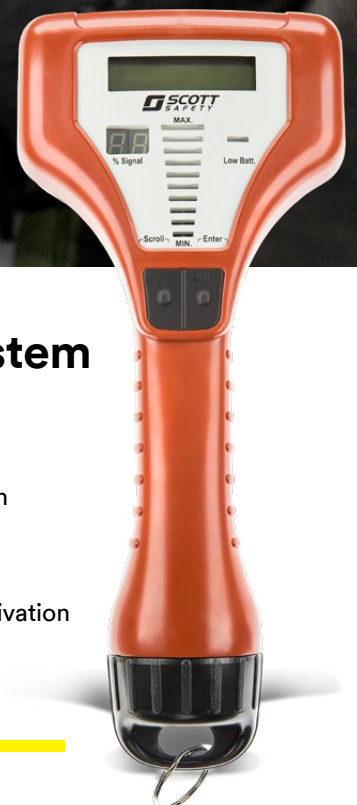
3M™ Scott™ RIT-Pak Fast Attack Emergency Air Supply System

The 3M™ Scott™ RIT-Pak Fast Attack Emergency Air Supply System offers a small, lightweight and compact solution for rapid entry and air replenishment to a firefighter in distress.

- ▶ Small, lightweight and compact
- ▶ Available in 4500 or 5500 psig. cylinder pressures
- ▶ Available in two bag sizes: small and medium
- ▶ Compatible with 15-min and 30-min cylinders
- ▶ Compatible with SCBA equipped with Universal EBSS
- ▶ High-visibility orange with 3M™ Scotchlite™ Reflective Material
- ▶ Tactile pull handles for easy identification
- ▶ External pressure gauge with photoluminescent display
- ▶ Distinct, audible low-pressure whistle alarm
- ▶ Low-pressure hose and EBSS manifold with auxiliary ports
- ▶ Color-coded storage pouches for easy identification
- ▶ Carabiners w/captive bar: helps prevent loss of the carabiner
- ▶ Easy-to-remove, adjustable length shoulder strap

3M™ Scott™ RIT-Pak III Emergency Air Supply System

The 3M™ Scott™ RIT-Pak III is the fire service industry's first, all-inclusive emergency air supply system and works in mutual aid situations regardless of SCBA used by neighboring departments.

- ▶ High-pressure charging wand compatible with all SCBA equipped with a RIC/UAC
- ▶ Available in configurations compatible with 3M™ Scott™ Air-Pak™ SCBA models equipped with EBSS or Dual EBSS
- ▶ Available in configurations compatible with all SCBA compliant to the NFPA 1981, 2018 Edition standard and equipped with Universal EBSS
- ▶ Low-pressure hose and manifold provides compatibility with other non-3M Scott SCBA, using separate adapters and airline fittings
- ▶ High-visibility orange with 3M™ Scotchlite™ Reflective Material
- ▶ Skid plate for ease of dragging and added durability
- ▶ External pressure gauge with HUD-style lights
- ▶ Audible bell alarm to differentiate low-air alarm from other firefighters' SCBA
- ▶ Available in 2216, 4500 or 5500 psig. cylinder pressures
- ▶ Accommodates up to a 75-min cylinder duration

See the 3M™ Scott™ Service Solutions on the back cover to find out what sets us apart from the competition.

Half Face, Negative Pressure, Air-Purifying Respirators

3M™ Aura™ Particulate Respirator 9211+

The 3M™ Aura™ Particulate Respirator 9211+ combines comfort and convenience with its contoured nose panel and innovative chin tab for ease of positioning, donning and adjustment. In addition, the 9211+ features the new 3M™ Cool Flow™ Comfort Valve, an improved exhalation valve that opens easily, allowing warm, moist exhaled breath to escape more quickly from inside the respirator to help improve comfort and breathability.

▶ Soft nose foam and smooth inner material feel comfortable against the skin

▶ Embossed top panel designed to help reduce potential eyewear fogging from warm, moist exhaled air

▶ 3M™ Cool Flow™ Comfort Valve helps release warm and moist exhaled breath from inside the respirator

▶ Individual packaging helps protect the respirator from contamination

▶ Manufactured in the U.S.A. and Canada

3M™ Rugged Comfort Quick Latch Half Facepiece Reusable Respirator 6500 Series

The 3M™ Rugged Comfort Quick Latch Half Facepiece Reusable Respirator 6500 Series combines a low-profile design with a quick latch drop-down mechanism (for easy installation and removal) to help protect you from certain airborne contaminants when used with approved 3M filters and cartridges.

▶ Resilient silicone faceseal helps provide comfort, durability, and stability with a soft but firm seal

▶ Adjustable head cradle and straps offer a personalized fit

▶ 3M™ Cool Flow™ Valve allows for easy breathing and helps reduce warm and moist exhaled breath from inside the respirator

▶ Available in three sizes: small, medium and large

Reusable respirators provide the same benefits as disposable respirators but with added capability of gas filtration and can be decontaminated by wiping down the outside and reused.

⚠ WARNING

These respirators help reduce exposures to certain airborne particulates. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in injury, illness or death. For correct use, consult supervisor and User Instruction, or call 3M PSD Technical Service in USA at 1-800-247-3941 and in Canada at 1-800-267-4414.

Key Filters and Cartridges

3M™ Hydrogen Fluoride Cartridge/ Filter 7093C, P100

▸ P100 filter offers 99.97% filtration efficiency against solid and liquid aerosols including oils

▸ Nuisance level protection against OV and AG exposures

▸ Hard shell exterior may be cleaned which may enable filter reuse

▸ May be a preferred option for situations in which you want to minimize exposure to airborne dusts, mists or bioaerosols, with the added benefit of reducing or eliminating odors

3M™ Multi Gas/Vapor Cartridge/ Filter 60926, P100

▸ NIOSH approved for protection against certain organic vapors, acid gases, ammonia, methylamine, formaldehyde and particulates

▸ P100 filter offers 99.97% filtration efficiency against solid and liquid aerosols including oils

▸ May be a preferred option for situations in which you want to minimize exposure to airborne dusts, mists, bioaerosols, and certain gases or vapors, with the added benefit of reducing or eliminating odors

3M has a wide range of filter, cartridge and combination vapor cartridge/filters for use on 3M and 3M Scott facepieces. For more information, please contact your rep.

See Respiratory Protection for Airborne Exposures to Biohazards

3M™ Scott™ AV-3000 HT Facepiece

See page 15

3M™ Scott™ AV-632 Bayonet Adapter

The 3M™ Scott™ AV-632 Bayonet Adapter connects the 3M™ Scott™ AV-3000 SureSeal Facepiece or 3M™ Scott™ AV-3000 HT Facepiece to the extensive line of 3M bayonet style filters and cartridges— giving you more options than ever. This accessory is a quarter turn bayonet style adapter. Simple, quick quarter turn for easy attachment. The adapter is designed to allow facepieces to be used in negative pressure mode.

► Includes five adapters per box

► Simple, quick quarter turn for easy attachment

► Adapter allows 3M™ Bayonet Cartridges and Filters to be used with 3M™ Scott™ Full Facepiece Respirators

► NIOSH approved with AV-3000 SureSeal facepiece and AV-3000 HT facepiece

3M™ Scott™ 40 mm First Responder Adapter

The 3M™ Scott™ 40 mm First Responder Adapter is NIOSH CBRN approved for the 3M™ Scott™ AV-3000 SureSeal Facepiece* (select models) or 3M™ Scott™ AV-3000 HT Facepiece+ and CBRN Cap-1 Canister. It is also NIOSH approved for the same facepiece models with MPC, Enforcement and P100 40 mm cartridges. The adapter is covered in a rubber boot.

► Includes one adapter per package

► Simple, quick quarter-turn for easy attachment

► Compatible with CBRN Cap-1 Canister and specific AV-3000 SureSeal and AV-3000 HT facepieces

► Compatible with MPC, Enforcement and P100 40 mm cartridges

*Approved with first responder adapter (200423-01)
+Approved with first responder adapter (200423-02)

See 3M™ Filters and Cartridges on page 25

▶ 3M Scott has a variety of additional adapters, filters and cartridges. For more information please contact 3M Scott Fire & Safety

This assembly is commonly used in non-IDLH fire investigation (post-overhaul) or medical calls for protection from particulates, bio-aerosols and certain gases and vapors. Also effective for odor reduction/elimination.

3M™ Scott™ CBRN CAP-1 Canister

NIOSH approved for certain organic vapors, acid gases, particulates and bio-aerosols. Also approved for use against a variety of CBRN agents. Canisters have greater capacity than standard industrial cartridges.

This assembly is commonly used in drug labs, law enforcement, HAZMAT and CBRN events.

3M™ Versaflo™ TR-800 Intrinsically Safe Powered Air Purifying Respirator

The 3M™ Versaflo™ TR-800 Powered Air Purifying Respirator (PAPR) provides an intrinsically safe, alternative option to self-contained breathing apparatus (SCBA) for first responders who require non-IDLH respiratory protection for extended periods of time.

▶ Fire Investigators, Emergency Medical incidents, certain Hazardous Material responses and others

▶ The TR-800 is a PAPR blower certified as intrinsically safe (IS), rated Class I, II, III; Division 1 (includes Division 2); Groups C, D, E, F, G; T4, under UL 60079, 6th Edition, 2013)

▶ No fit-testing required when used with a NIOSH approved loose fitting headtop

▶ Three blower speeds allowing the user to customize their comfort with a continuous flow of air into the headtop

▶ Wide array of filters and cartridges available for specific protection needs*

*NFPA 1500 Standard on Fire Department Occupational Safety, Health, and Wellness Program, 2018 Edition requires Air Purifying Respirators, when used in the post-fire environment, be capable of filtering particulates, acid gases, organic vapors, and formaldehyde.

A Powered Air Purifying Respirator (PAPR) is an air-purifying respirator that utilizes a blower to force air through filter cartridges and into the breathing zone of the wearer. This creates a flow of air inside the chosen headtop, providing a higher assigned protection factor (APF) than non-powered, half-facepiece APR and improving the comfort of the wearer.

3M™ Scott™ Ska-Pak AT Supplied-Air Respirator

The 3M™ Scott™ Ska-Pak AT Supplied-Air Respirator is 3M's most advanced supplied-air respirator with the added benefit of a patented, automatic, hands-free air transfer capability to help reduce worker panic. If the user's continuous primary air supply is interrupted, the air source is instantly switched to the portable air cylinder automatically. Upon transfer, the Vibralert tactile alarm system activates, letting the user know that the respirator has transferred to cylinder air. The Ska-Pak AT supplied-air respirator is available with either a padded fire resistant Kevlar® padded nylon harness or an integrated full body harness for fall protection. Ideal for confined space and hazmat applications.

▶ Combination Type C positive pressure respirator with escape cylinder for entry into and escape from hazardous, confined space, or immediately dangerous to life or health (IDLH) situations

▶ Automatic, hands-free transfer from external air source to cylinder in the event of primary air source interruption

▶ Personal, tactile and audible Vibralert alarm to alert users of transfer to cylinder air

▶ Available with padded Kevlar or padded nylon harness or integrated full body harness for fall protection

▶ Available in 2216, 3000 and 4500 psig and 3-, 5-, 10- or 15-min egress cylinder with "onboard" cylinder low-pressure indicator for added safety and awareness

▶ The 3M™ Scott™ E-Z Flo Mask-Mounted Regulator is designed for gloved hands, enables easy breathing and has a secure attachment to help ensure worker confidence

▶ NIOSH-approved for use with 3M™ Scott™ AV-series facepieces that can also be used for APR, PAPR, supplied air and SCBA applications

▶ A padded Kevlar harness—ideal in high heat environments or when there is potential for sparking

▶ An integrated full-body harness—ideal for confined space applications

3M™ Scott™ Integrated Full Body Harness

The 3M™ Scott™ Integrated Full Body Harness combines 3M's Fall Protection technology with the 3M™ Scott™ Supplied-Air Respirator. This integrated solution is a NIOSH-approved respirator and suitable for confined spaces and working at height applications, providing workers with fall and respiratory protection in hazardous conditions.

When using the 3M™ Scott™ Integrated Full Body Harness, available as an option on the 3M™ Scott™ Ska-Pak AT and Ska-Pak Plus Supplied-Air Respirator models, the worker does not have to wear a separate respirator harness and fall protection harness, helping to eliminate extra bulk. They are combined for less weight and a slimmer profile to help enhance comfort while working at heights or in confined spaces.

- ▶ **Multiple Harness Size Options**
  Small, Medium, Large, X-Large, and 2X-Large
- ▶ **Multiple Comfort Paddings**
  Hip, Shoulder, and a removable Back pad
- ▶ **Revolving Torso Adjusters**
  conceal and control torso webbing—maintaining a comfortable and safe harness fit
- ▶ **Anti-sliding Dorsal D-ring Pad**
  to help greatly reduce dorsal D-ring slide
- ▶ **Integrated SRL Adapter**
  allows you to quickly and easily connect and disconnect personal SRLs
- ▶ **E-Z Klip Cylinder Retention System**
  for quick and easy cylinder replacement

3M™ Scott™ TRC-1 Air Cart

In continuing the tradition of 3M Scott's dedication to our customers' demanding needs, the TRC-1 (Technical Rescue Cart) Air Cart provide an uninterrupted supply of breathing air for up to eight users simultaneously. The TRC-1 air cart also features a unique air control switch that has the ability to utilize common or isolated air sources on the left and right outlet banks. When in isolated mode, this enables the cart to provide two separate, dedicated air sources for both a primary work team and a rescue team.

▶ Eight outlet ports which can provide an uninterrupted supply of breathing air for up to eight respirators simultaneously

▶ High-pressure inlet supply connector enables use of an external air supply such as a compressor or cascade system

▶ Air source selector switch for the ability to utilize common or isolated air sources on the left and right outlet banks; this enables the cart to provide two separate, dedicated air sources for both a primary work team and a rescue team utilizing cylinders and the high-pressure inlet supply

▶ Independent fail-open, sealed regulators on the respirator and the auxiliary supply side provide for independent adjustment of outlet pressures

▶ Loud, aspirating end-of-service whistle alarm indicating low cylinder pressure and a loud, pneumatic end-of-service bell indicating low-pressure condition on the auxiliary high-pressure inlet source

▶ Internal check valve to prevent manifold contamination with use of tools

▶ Now manufactured for use with 2216, 4500 and the 5500 psig cylinders

▶ An optional Tool Adapter is available to enable use of Snap-Change cylinders
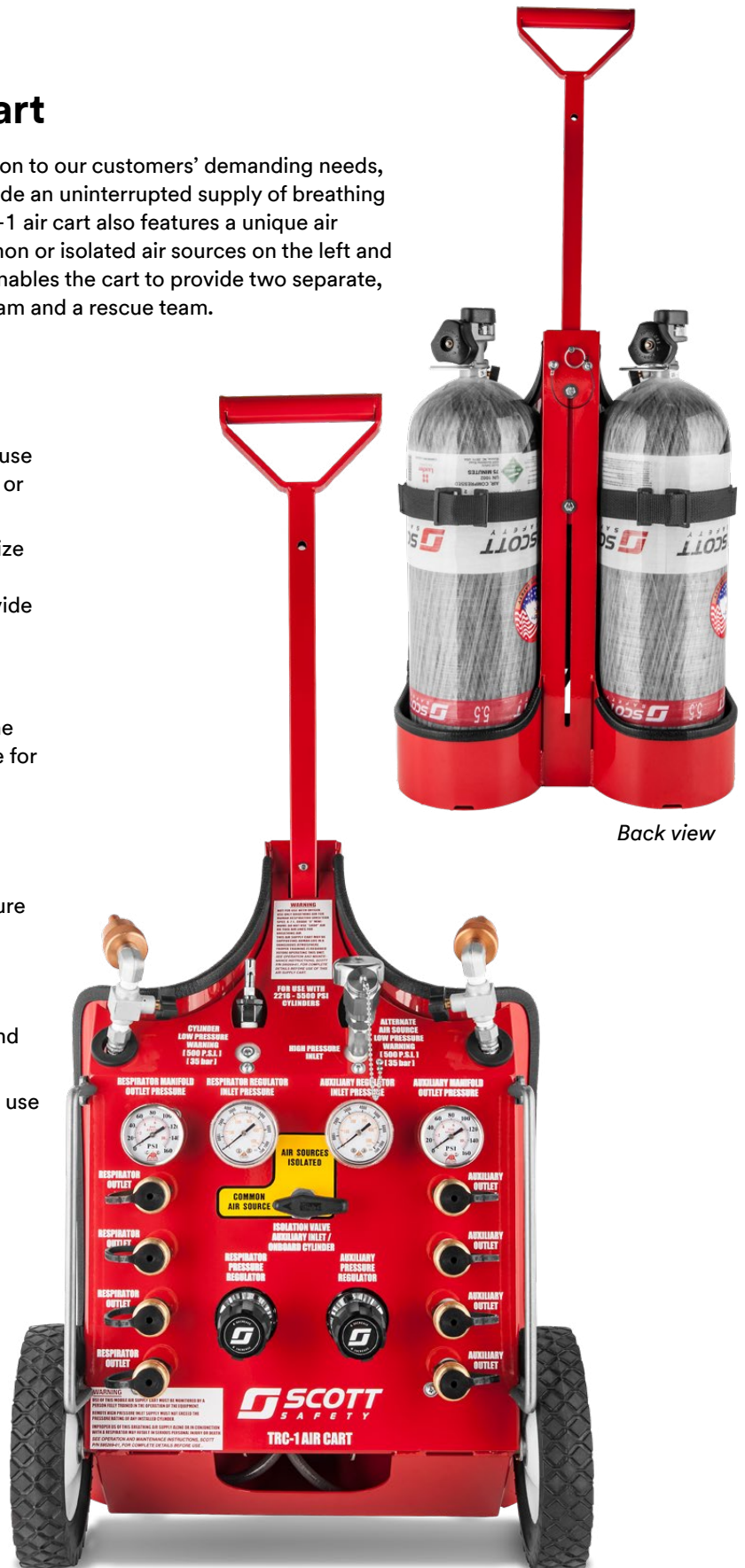
Back view

Hazardous Noise Examples:

Operating pump noise ≈ 91 dB
Siren ≈ 100+ dB
Power tools ≈ 90 - 100+ dB

3M™ PELTOR™ Protective Communication

When it's noisy, you can depend on 3M PELTOR Protective Communication solutions to enable clear communication while helping to protect your hearing. Firegrounds are often very noisy, and that can impair communications. Prolonged exposure to hazardous noise can lead to noise-induced hearing loss.

Noise-induced hearing loss (NIHL) is

100%

preventable.

3M™ PELTOR™ WS™ LiteCom Pro III Headset

The 3M™ PELTOR™ WS™ LiteCom Pro III Headset is a hearing protector with built-in analog and digital programmable two-way communication radio, environmental listening, Bluetooth® functionality and a jack to connect external devices.

▶ Integrated two-way radio for longer range intra-team communication

▶ Bluethooth® enabled headset for wireless connection to your portable radio

▶ Noise-cancelling speech mic for clear communication

▶ Environmental listening microphones to help promote auditory situational awareness

▶ Helps provide hearing protection (NRR 26 dB to 28 dB)

3M™ PELTOR™ ComTac™ VI Headset

The 3M™ PELTOR™ ComTac™ VI Headset is a wireless, noise-canceling, and water-resistant device for clear communication in noisy environments. It features Natural Interaction Behavior (NIB) technology for peer-to-peer headset communication and Mission Audio Profiles (MAP) for environmental listening modes.

▶ NIB technology for shorter range intra-team communication

▶ Wired connection to your portable radio

▶ Noise-cancelling speech mic for clear communication

▶ Environmental listening microphones to help promote auditory situational awarenes

▶ Helps provide hearing protection (NRR 20 dB to 23 dB)

3M™ PELTOR™ Protective Hearing

Exposure to hazardous noise is often inevitable for firefighters. But sounds and situations can change very quickly. One moment it's very loud and the next moment it's relatively quiet. In addition, firefighters must remain alert to their surroundings and be able to hear their crew and the people involved in the incident.

Protective hearing solutions are hearing protectors that feature environmental listening technology. When powered on, these electronic products allow sounds to pass through when it is quiet but help provide protection when it is loud.

Hearing protection that helps you hear — that's **3M™ PELTOR™ Protective Hearing.**

3M™ PELTOR™ LEP-200 Electronic Earplugs

The 3M™ PELTOR™ Electronic Earplug helps protect your hearing—and can help improve situational awareness and communications in challenging environments. The earpieces are rechargeable via USB-C or AA batteries. The small and lightweight design helps improve the overall comfort and user experience, and makes it compatible with most headborne Personal Protective Equipment (PPE), such as helmets and face shields.

▶ Helps provide hearing protection in environments with hazardous noise, such as on the fireground, during training and other emergency response incidents

▶ Integrated electronics can help you hear nearby crew members and other important sounds in your environment

▶ IP54 rated for dust and water resistance

Hearing Protection Solutions

3M has a wide variety of hearing protection solutions to meet the needs of the fire service. To learn more about 3M Hearing Protection solutions, please visit 3M.com/PELTOR and 3M.com/Hearing.

3M™ E-A-Rsoft™ Yellow Neon Blasts™ Earplugs

3M™ PELTOR™ X4 Earmuffs
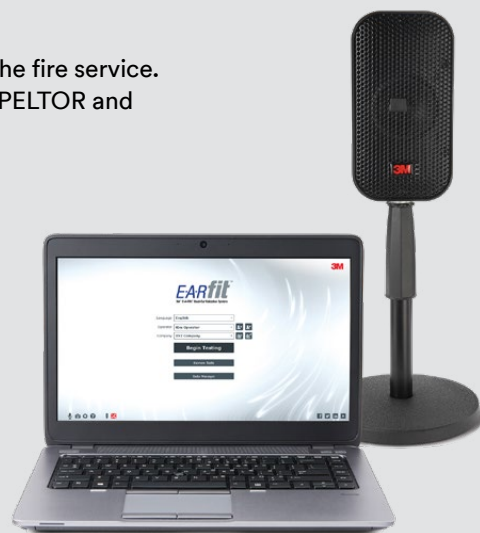
3M™ E-A-Rfit™ Dual-Ear Validation System

Passive Hearing Protection

3M Protective Eyewear

Protective eyewear is an essential component of a firefighter's personal protective equipment ensemble. From overhaul operations to vehicle extrication and to medical calls, 3M provides a broad array of safety goggles and safety glasses to help first responders do their job while staying safe.

3M™ GoggleGear™ Protective Goggle 3000 Series

Full-size protective goggle featuring a shroud designed to accommodate most prescription eyewear.

Shroud conforms to the face for added security of fit and extended wear.

Available in PVC or TPV:

- **PVC models** offer chemical resistance, featuring a translucent shroud to help improve peripheral detection.

- **Premium, flexible black TPV** shroud provides enhanced comfort and fit.

Features optimized shroud design with **slots** to accommodate many prescription eyewear.

Polycarbonate lens meets the requirements of ANSI/ISEA Z87.1- 2020 Standard as an Impact-Rated Goggle.

CSA Certified to Z94.3-2020.

Includes either adjustable cloth polyester or neoprene strap which allows users to customize fit, adding to comfort for extended wear.

Select models offer a premium polyester strap not formulated with natural rubber latex.*

Features wraparound lens design for improved field of vision.

Scotchgard

Choose from models with anti-fog, anti-fog/anti-scratch, or 3M™ Scotchgard™ Anti-Fog Coating.

Get both splash and dust protection in one protective goggle: all models are D3 (droplet and splash) and D4 (dust) rated.

U6 rated polycarbonate lenses absorb 99.9% of UVA, UVB, and UVC rays between 200 nm and 380 nm.

Slotted nose bridge helps offer a customized fit and added comfort.

Scotchgard 3M

*Based on 3M internal testing per EN168 test method when compared to traditional anti-fog coatings.

3M™ Solus™ Protective Eyewear 1000 Series

Configurable design with detachable gasket, temple or strap options—now available with black temples.
The 3M™ Solus™ Protective Eyewear 1000 Series feature a sporty low profile and are available in several lens tints with 3M™ Scotchgard™ Anti-Fog Protector Coating. Find the model with the right mix of features and value for you.

Removable foam-lined gasket helps limit eye exposure to nuisance dust while providing added comfort and cushioning. (Select Models)

Removable padded temples with optional elastic strap/headband. (Select Models)

Polycarbonate lenses
▸ U6 rated polycarbonate lenses absorb 99.9% of UVA, UVB, and UVC rays between 200 nm and 380 nm.
▸ Meets the Impact-Rated Protector requirement of the ANSI/ISEA Z87.1-2020 Standard.

Contemporary styling with soft nose bridge for added comfort.

3M™ Scotchgard™ Protector Anti-Fog Coating
▸ Resists fogging longer than traditional anti-fog coatings, up to 25 washings with water.*
▸ Helps provide durable scratch resistance in tough work environments.

Scotchgard PROTECTOR 3M

Vermillion lens tints can help reduce glare from fluorescent and halogen lights and help improve visual contrast, sharpness and depth perception, particularly in hazy conditions. (Select Models)

3M™ SecureFit™ Protective Eyewear 500 Series

Contemporary lens design with adjustable ratcheting temples.
3M™ SecureFit™ Protective Eyewear 500 Series features a contemporary lens design coupled with adjustable ratcheting temples and Pressure Diffusion Temple (PDT) technology to help provide a more personalized fit. Utilizing a contemporary lens shape, this sporty new model also offers self-adjusting colored temples, a variety of lens tints and models with 3M™ Scotchgard™ Protector Anti-fog coating.

Adjustable Ratcheting Temples
Allows user to adjust lens for facial features and eyeglass position.

3M™ Pressure Diffusion Temple Technology
features slotted ribs that provide comfortable pressure equalization. The temples flex and self-adjust to the size of wearer's head.

Polycarbonate Lenses
▸ U6 rated polycarbonate lenses absorb 99.9% of UVA, UVB, and UVC rays between 200 nm and 380 nm
▸ Meets the Impact-Rated Protector requirement of the ANSI/ISEA Z87.1-2020 Standard.

Removable Foam-Lined Gasket
Helps limit eye exposure to dust and debris while providing added comfort and cushioning.

Slim Standout Style
Sporty design with contemporary lens shape and a sleek profile of protective eyewear that can combine well with other personal protective equipment.

Scotchgard 3M

3M™ Scotchgard™ Protector Anti-Fog/Anti-Scratch Coating
▸ Resist fogging longer than traditional anti-fog coating, up to 25 washings with water* (select models).
▸ Helps provide durable scratch resistance in tough work environments.
▸ Meets Anti-Fog Performance (X) requirements of the ANSI/ISEA Z87.1-2020 Standard.

*Based on 3M internal testing of tap water wash cycles followed by anti-fog testing per EN168 test method.

3M™ SecureFit™ Safety Helmet X5000 Series

Whether for technical rescue, fire investigations or other activities where lightweight, compact, versatile head protection is needed. The 3M™ SecureFit™ Safety Helmet is the choice for comfort and performance when working at height or in a confined space.

▶ Meets ANSI/ISEA Z89.1-2014 and various impact and penetration requirements of the European EN12492 Mountaineering Helmet Standard

▶ 3M™ SecureFit™ suspension with patented Pressure Diffusion Technology

▶ Customizable vertical adjustment and fit

▶ 3M™ Scotchlite™ Reflective Material

▶ Compatible with a variety of 3M accessories such as Peltor communications, 3M faceshields, 3M protective eyewear and integrated headlamp options, or other accessories

▶ Vented models available

▶ Additional color options

X5007VX-ANSI
3M™ Scotchlite™ Reflective
Hi-Viz Orange VENT 1/BX, 4/CS

X5007X-ANSI
3M™ Scotchlite™ Reflective
Hi-Viz Orange NON-VENT
1/BX, 4/CS

X5001VX-ANSI
3M™ Scotchlite™ Reflective
WHITE VENT 1/BX, 4/CS

X5001X-ANSI
3M™ Scotchlite™ Reflective
WHITE NON-VENT 1/BX, 4/CS

X5014VX-ANSI
3M™ Scotchlite™ Reflective
Hi-Viz Yellow/Green VENT 1/BX, 4/CS

X5014X-ANSI
3M™ Scotchlite™ Reflective
Hi-Viz Yellow/Green NON-VENT
1/BX, 4/CS

Accessories

3M has a wide variety of accessory products that integrate with the 3M™ SecureFit™ Safety Helmet X5000 Series.

Short Visors, Faceshields and 3M™ PELTOR™ Hearing Protection and Communications

3M™ Task Lights

To learn more about 3M™ SecureFit™ Protective Eyewear, please visit 3M.com/SecureFit

To learn more about 3M Head & Face Protection, please visit 3m.com/3M/en_US/head-and-face-protection-us

3M™ Scotchlite™ Reflective Material

Turnout gear trim made with 3M™ Scotchlite™ Reflective Material is designed to enhance the visibility of firefighters in low-light conditions when illuminated by a light source, such as a flashlight or automobile headlights. It's trusted and depended upon by firefighters around the world for reliable performance when duty calls.

3M™ Scotchlite™ Reflective Material Series 5600 Fire Coat Comfort Trim

- ▶ Breathable—meets NFPA stored energy requirements without any modifications or additional layers
- ▶ Flexible and less constrictive for easier movement, especially in tight spaces
- ▶ Exceeds NFPA 1971 thermal shrinkage and convective heat requirements

- ▶ Stitch-free trim to reduce snags
- ▶ Durable—stands up to extreme heat
- ▶ Meets NFPA wet reflective standards

3M™ Scotchlite™ Reflective Material Series 8986/8987 NFPA to add lettering.
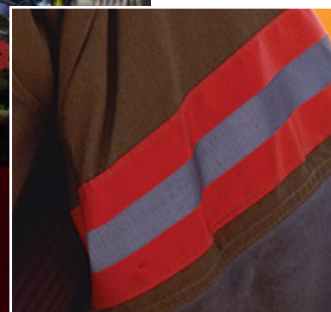
3M™ Scotchlite™ Reflective Material Series 9500 Fire Coat Trim

▶ The original trusted triple trim

▶ Exceeds NFPA 1971 thermal shrinkage and convective heat requirements

▶ Durable—stands up to extreme heat

▶ Meets NFPA wet reflective standards

3M™ Scott™ Service Solutions

At 3M™ Scott™ Fire & Safety, we do more than design and build safety equipment. We create comprehensive service solutions to meet the demands of firefighters, first responders and emergency personnel who depend on 3M Scott products to protect them in high-risk environments.

What sets 3M apart from the competition?

No Overhaul Required

3M Scott does not require forced parts replacement or scheduled overhaul on 3M™ Scott™ Air-Pak™ SCBA. Our holistic design process delivers robust, comprehensive features that allow for cost-effective repairs while avoiding the replacement of major components.

Comprehensive Warranty

Our warranty policy has withstood the test of time and one of the best in the business. Customers recommend 3M Scott because we demonstrate our reliability and commitment to them long after the initial purchase.

Best-in-Class Service Training

3M Scott's SCBA Certified Technician I training program supports basic repairs by the end user for harness material, facepieces, cylinder valves and specific mask-mounted regulator parts in order to return equipment to service sooner and reduce labor cost.

Extensive Service Network

From factory service to authorized service centers to in-house repair centers, our top priority is keeping your equipment fully operational and at the ready, day in and day out.

3M Factory Service

Direct Service

Tech Support:
Phone, email, Field Service Specialist Network

3M Scott University

Warranty Part Replacement

Service Documentation

Authorized Service Center (ASC)

Parts Support

Mobile Services

Technician Level I Training

In-House Repair Center (IRC)

Technician Level I Repairs

Technician Level II Repairs

Personal Safety Division
Building 235-2W-70
St. Paul, MN 55144-1000