

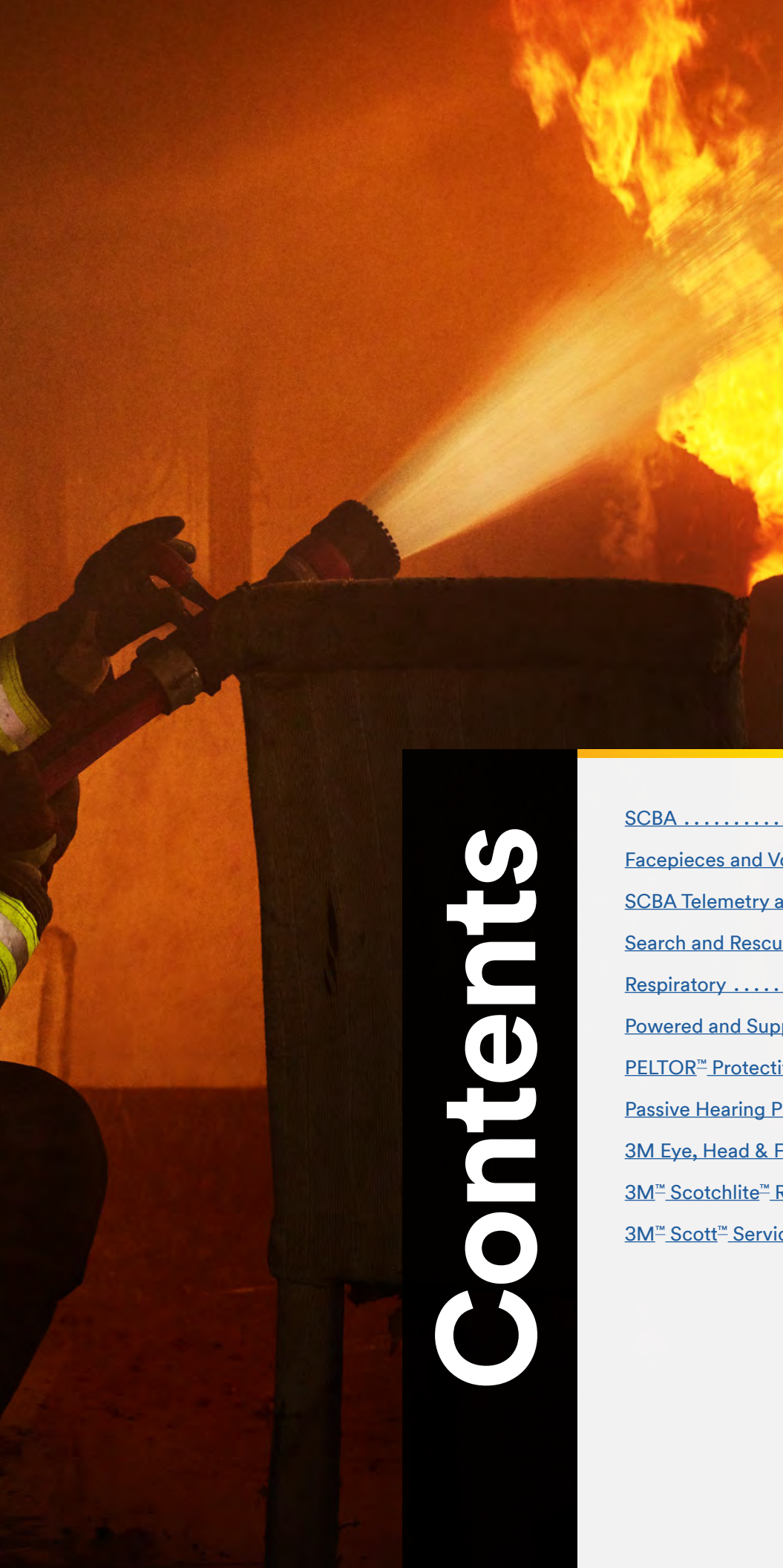
Fire Services Catalog



A dramatic, low-key photograph of firefighters in action. The scene is dimly lit with a warm, orange glow from fire. Firefighters in full protective gear, including helmets and jackets with reflective stripes, are visible. One firefighter on the right is holding a hose. The overall mood is heroic and focused.

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

SCBA	4
Facepieces and Voice Communications	8
SCBA Telemetry and Software Solutions	14
Search and Rescue	18
Respiratory	22
Powered and Supplied Air	27
PELTOR™ Protective Communications	30
Passive Hearing Protection	33
3M Eye, Head & Face Protection	34
3M™ Scotchlite™ Reflective Material	38
3M™ Scott™ Service Solutions	40



SCOTT™
Fire & Safety



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
- ▶ Harness materials offer greater resistance to chemical exposure and less water absorption to help minimize contamination
- ▶ Easy-to-remove 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, helping to reduce user burden and improve operational efficiencies
- ▶ Redundant safety features afford firefighters peace of mind knowing that the SCBA will perform in critical life safety environments
- ▶ 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 with Pro Package) 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 with Pro Package) 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 telemetry software with Pro Package) to notify incident command of a high-flow condition from a firefighter's SCBA during a full-alarm PASS activation (i.e. heavy breathing, free flow, etc.)



Proudly “Made in the USA” with attention to quality and workmanship.



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



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





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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 the 3M™ Scott™ Air-Pak™ X3 Pro 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
- ▶ Wider field of view helps to improve situational awareness
- ▶ Face seal is designed for enhanced comfort and easier donning
- ▶ Removable head harness helps provide secure fit while minimizing adjustment during donning, and is easily removable for cleaning
- ▶ 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 improves interface with protective hood
- ▶ Modular design enables future upgradeability, improves serviceability and provides a platform for use across multiple respiratory applications
- ▶ Enhanced breathability helps reduce user burden and improves operational efficiencies
- ▶ Enhanced communications—reduced frequency Vibralert helps improve radio communications
- ▶ Auto air-saver simplifies operation and helps to prevent inadvertent air loss during removal from the facepiece
- ▶ Expanded heads-up display with new status icons provide visual alerts to SCBA wearer for electronic Personnel Accountability Report (ePAR), EVAC and System Integrity Alarm (when using 3M™ Scott™ Air-Pak™ X3 Pro SCBA configured with 3M™ Scott™ 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 the 3M™ Scott™ Air-Pak™ X3 Pro 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—wireless radio communications utilizing existing compatible radios
- ▶ In-mask communications—enhanced voice intelligibility during two-way radio communications
- ▶ Bone conduction headphone—enhances hearing and understanding of incoming two-way radio communications
- ▶ Automated voice prompts—provide verbal notification of changing system conditions
- ▶ Integrated volume switch—adjust volume based on hearing acuity and environmental conditions
- ▶ Rechargeable battery—intrinsically safe lithium-ion battery
- ▶ Single-button operation—simple, intuitive operation for powering on/off electronics
- ▶ Multipurpose solution—continuous operation when transitioning between tactical (on air) and non-tactical (off air) operations
- ▶ Multi-platform solution—approved with compatible 3M™ Scott™ Air-Pak™ SCBA and compatible two-way radios
- ▶ Software configurable—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 the 3M™ Scott™ Air-Pak™ X3 Pro 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



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3M™ Scott™ EPIC 3 RDI Voice Communication System

The 3M™ Scott™ EPIC 3 RDI Voice Communication System enhances SCBA facepiece voice intelligibility and delivers clear two-way radio communications when operated with compatible handheld field radios and remote speaker microphones.

- ▶ Clear communication when and where you need it
- ▶ Operates with compatible handheld field radios and remote speaker microphones
- ▶ Works with a broad range of 3M™ Scott™ SCBA and PPE equipment
- ▶ Multi-purpose utility consolidates devices while reducing costs
- ▶ User friendly operation and ergonomics
- ▶ Durable, reliable and purpose built design with high-heat rated construction
- ▶ Easy and flexible device configuration



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
- ▶ Intrinsically safe when used with specified, commercially available alkaline and NiMH AAA batteries
- ▶ 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
- ▶ Upgradeable to include radio interface and radio direct interface functionality
- ▶ NFPA- and NIOSH-compliant as an accessory to compatible 3M™ Scott™ Air-Pak™ SCBA models



3M™ Scott™ EPIC 3 RI Voice Communication System

Compatible with all 3M™ Scott™ AV-Series Facepieces and 3M™ Scott™ Air-Pak™ SCBA, the 3M™ Scott™ EPIC 3 RI Voice Communication System provides users with the safety and operational benefits of enhanced tactical voice communications.

- ▶ Operates with a broad range of field radios to provide clear communication when and where you need it
- ▶ Works with compatible 3M™ Scott™ SCBA and other respiratory equipment
- ▶ User friendly set-up and operation helps to minimize training
- ▶ Durable, high-heat rated construction to withstand the rigors of the fireground
- ▶ Same operational and performance benefits of the 3M™ Scott™ EPIC 3 Voice Amplifier
- ▶ NFPA- and NIOSH-compliant as an accessory to compatible 3M™ Scott™ Air-Pak™ SCBA models



3M™ Scott™ SEMS II Wireless SCBA Telemetry System

The 3M™ Scott™ SEMS II Wireless SCBA Telemetry System enables vital communication between responders and incident command. Leveraging a patented mesh network, SEMS II provides a robust connection in commercial and residential structures alike.

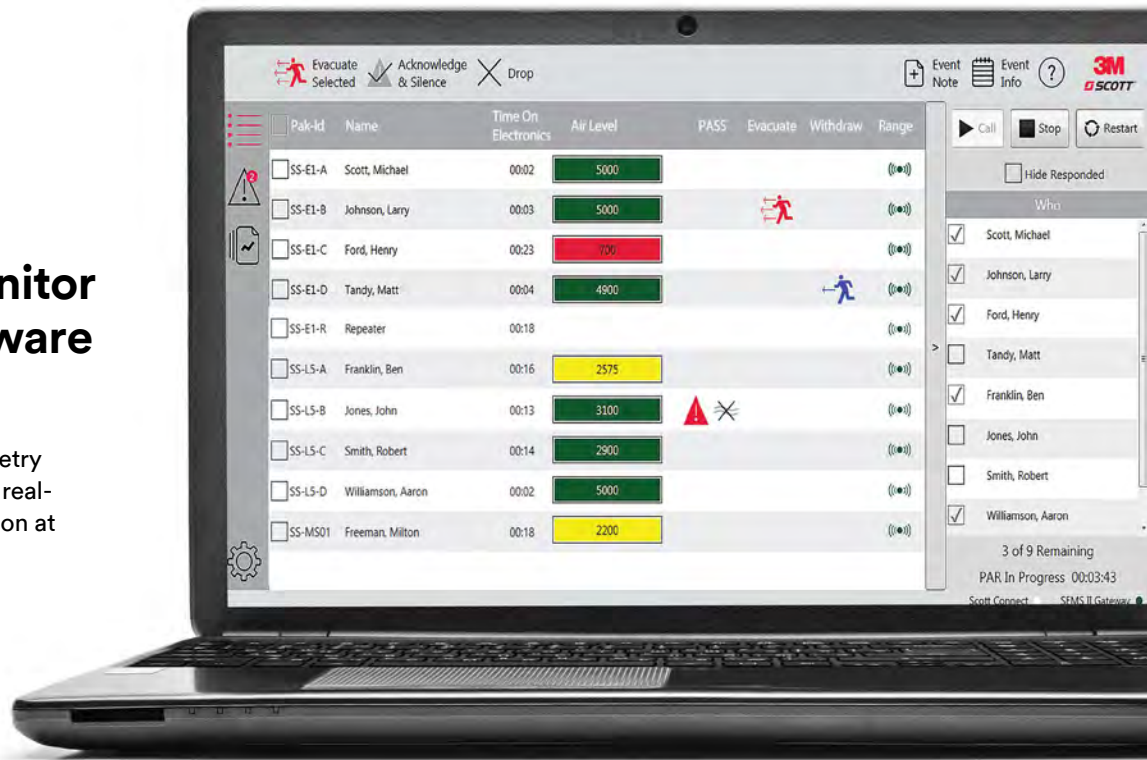
- ▶ Compliant to NFPA 1982, Standard on Personal Alert Safety Systems (PASS), 2018 Edition as a RF-communicating PASS device when used with the Monitor telemetry software solution
- ▶ Patented, self-healing mesh network
- ▶ Bi-directional communication of alarms and acknowledgments between responder and incident command
- ▶ Real-time SCBA telemetry system providing air level, PASS alarm and evacuation status
- ▶ High-flow and no-flow alert notifications when used with the Monitor telemetry software solution
- ▶ Electronic Personnel Accountability Report (ePAR) for improved accountability (available with SEMS II Pro only)
- ▶ Optional SEMS II Pro Hazmat* feature offers the same benefits as the full-featured SEMS II Pro but with a disabled motion sensor to prevent inadvertent alarm activation while performing tasks requiring minimal movement by the SCBA wearer.

**Identified by a yellow console and not compliant to NFPA 1982, Standard on Personal Alert Safety Systems, 2018 Edition*



3M™ Scott™ Monitor Telemetry Software Solution

The 3M™ Scott™ Monitor 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 3M™ Scott™ 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

- ▶ 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.



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

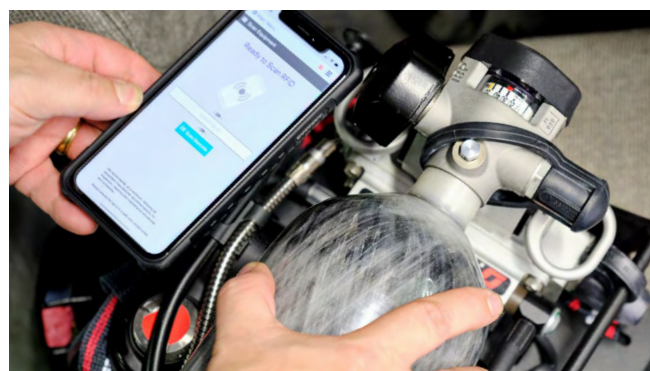
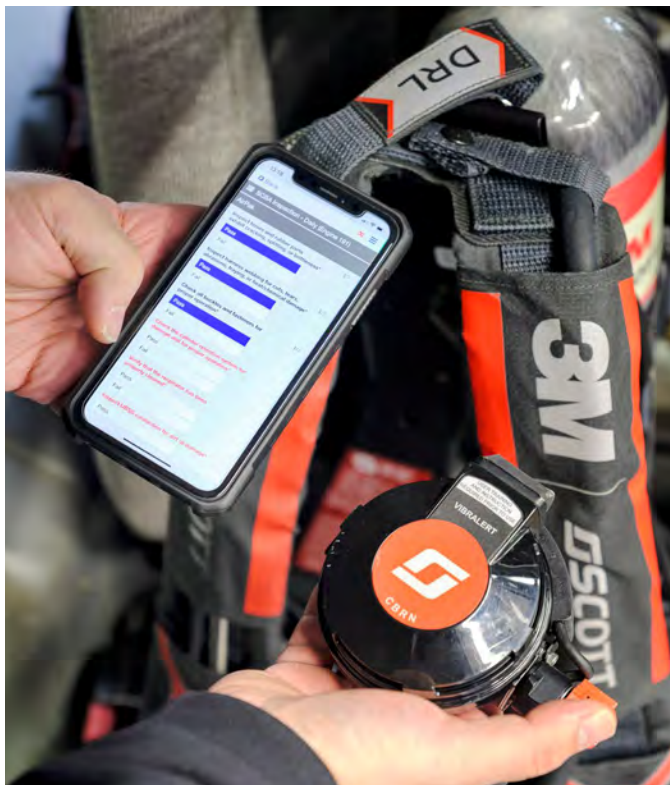
The 3M™ Scott™ Universal Bluetooth® Programmer is a utility interface for adjusting the operating settings of 3M Scott compatible devices, including the 3M™ Scott™ Sight In-Mask Thermal Imager and 3M™ Scott™ EPIC 3 Voice Communication Systems.



3M™ Safety & Inspection Manager for Emergency Services (SIM-ES)

3M™ Safety & Inspection Manager for Emergency Services is software that empowers command staff to take a proactive approach to managing records and documentation of training, qualification, service, maintenance and inspections, as well as cleaning and decontamination of PPE and other equipment. SIM-ES also enables fire departments to track exposure reduction programs and activities.

- ▶ Inspect—flexibility to help you inspect anything in the firehouse such as SCBA, apparatus, turnout gear and other equipment to ensure it is in proper working order and conforms with NFPA 1851, NFPA 1852 and OSHA 1910.134
- ▶ Simple and scalable—web-based software is prepopulated with your new 3M Scott equipment while mobile applications provide the ability to conduct workflow anywhere regardless of internet access
- ▶ Assess and plan—provides decision makers timely intelligence regarding the history, status and availability of resources and equipment with which they can plan budgetary needs
- ▶ Availability—be confident in the knowledge that the equipment and resources you need are ready and waiting for deployment when called upon
- ▶ Training—know the people entrusted with the task of employing the various types of safety and personal protective equipment are properly trained and fitted to execute their duties
- ▶ Record keeping and traceability—on-demand validation of inspections and training with insight into who, what, when, where and why the activities were completed, supporting adherence to regulatory requirements
- ▶ Enhanced accountability—cloud based, requiring minimal IT involvement. Administer equipment or run reports anywhere with an internet connection. Near real-time audit trail aids in NFPA & OSHA compliance
- ▶ Improved safety—increased confidence that personnel are safe and secure using PPE that is appropriately maintained, cleaned, decontaminated, cared for and at the ready
- ▶ Repair/service—automated and individually initiated notifications alert service providers to needed and scheduled maintenance, testing or repairs; reducing the risk of failure and downtime of safety and personal protective equipment
- ▶ Conforms with the most common global security requirements—the platform uses state-of-the-art access control and credentialing, user logging and encryption and is hosted on secure cloud services





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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.

- ▶ Hand-held 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 9205+

The 3M™ Aura™ Particulate Respirator 9205+ combines comfort and convenience with its contoured nose panel and innovative chin tab for ease of positioning, donning and adjustment. In addition, the Aura™ particulate respirator design features an embossed top panel that helps reduce the potential fogging of eyewear from warm, moist exhaled airflow. This particulate respirator provides all these benefits in an individually wrapped package for your convenience and protection from contamination before use.

- ▶ 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
- ▶ Individual packaging helps protect the respirator from contamination
- ▶ Manufactured in the U.S.A. and Canada

Disposable respirators provide protection from particulates (dust, asbestos and mold) as well as aerosols and viral particles. Disposable respirators are intended for single use and are small and portable.



3M™ Half Facepiece Reusable Respirator 6000 Series

With a soft, lightweight facepiece, easy-to-adjust head straps and flexible harness, the 3M™ Half Facepiece Reusable Respirator 6000 Series helps keep you protected. This respirator is suitable for many situations and is compatible with a variety of personal protective equipment.

- ▶ This series combines comfort and convenience
- ▶ Comfortable, soft, lightweight facepiece with easy-to-adjust head straps
- ▶ NIOSH approved for negative pressure air purifying and supplied air dual airline applications
- ▶ Can be disassembled, cleaned and reused

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.

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 11



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 23

- ▶ 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) for industrial settings, 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.

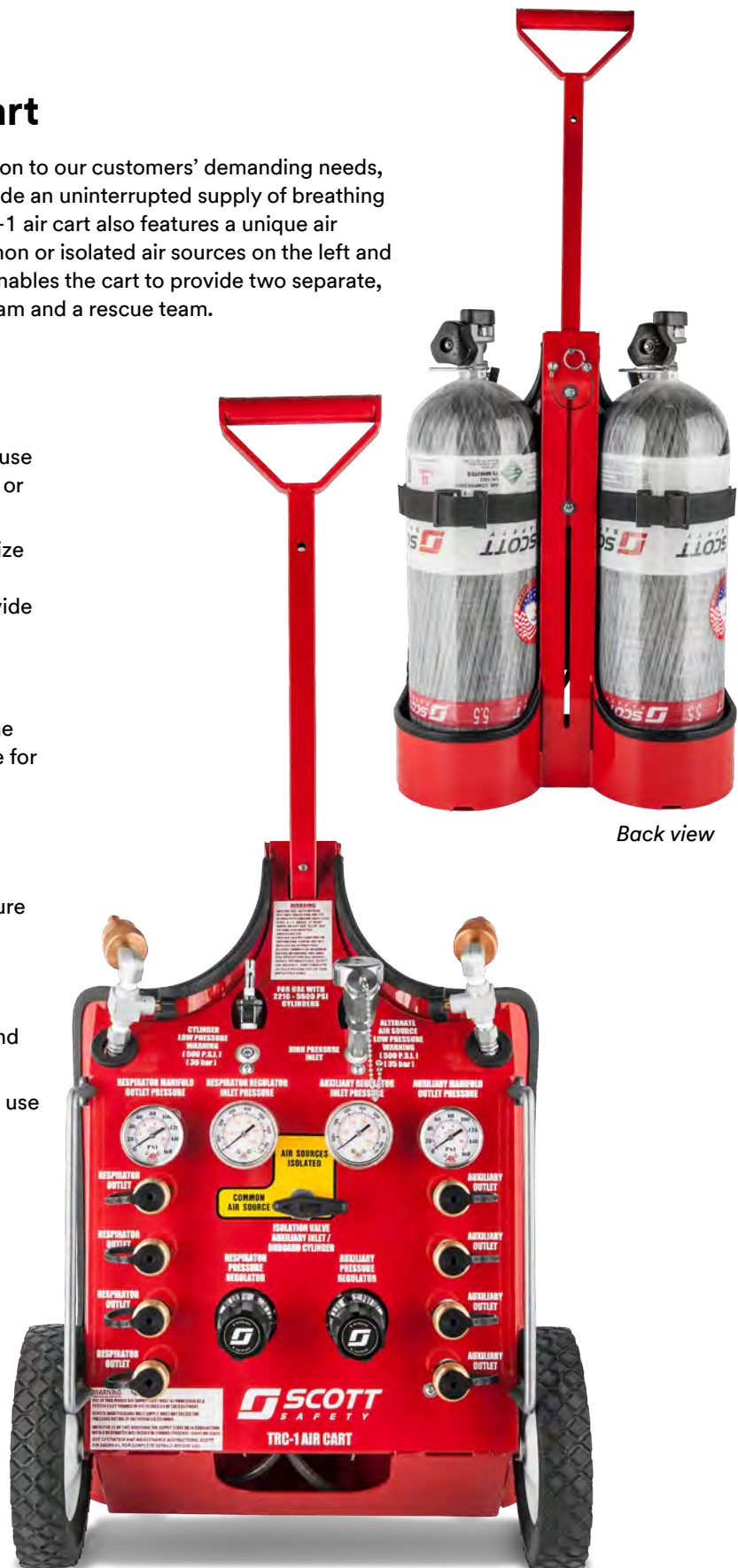
- ▶ Combination Type C positive pressure respirator with escape cylinder for entry into and escape from hazardous, confined space, or immediately dangerous to life or health (IDLH) situations
- ▶ Automatic, hands-free transfer from external air source to cylinder in the event of primary air source interruption
- ▶ 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™ 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



PELTOR™

Protection & Communication



Hazardous Noise Examples:

Operating pump noise ≈ 91 dB

Siren $\approx 100+$ dB

Power tools $\approx 90 - 100+$ 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 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 communication
- ▶ Bluetooth® communication for connection to your external device
- ▶ Noise-cancelling speech mic for clear communication
- ▶ Helps provide hearing protection



3M™ PELTOR™ CH-3 Headset

The new 3M™ PELTOR™ CH-3 Headset will bring hearing protection and communication in noisy environments into a new level of performance. Communication has never been easier.

- ▶ Cable connection to your external communication device
- ▶ Noise-cancelling speech mic for clear communication
- ▶ Helps provide hearing protection





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 a micro-USB jack on the charging case. 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 help you hear nearby crew members and other important sounds in your environment
- ▶ Built tough to withstand harsh environments, including water resistance



Hearing Protection Solutions

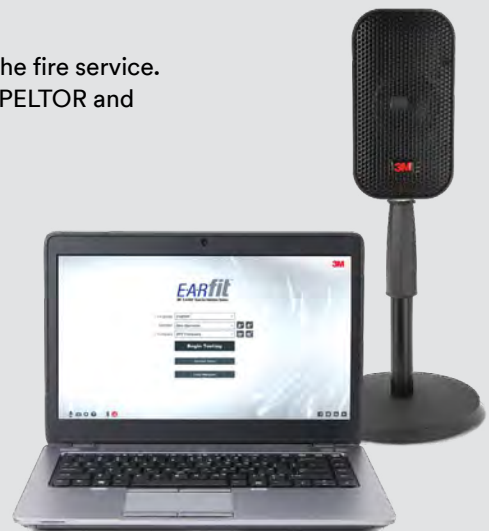
3M has a wide variety of hearing protection solutions to meet the needs of the fire service. To learn more about 3M Hearing Protection solutions, please visit 3M.com/PELTOR and 3M.com/Hearing.



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



3M™ PELTOR™ X4 Earmuffs



3M™ E-A-Rfit™ Dual-Ear Validation System

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™ 6000 Series Safety Goggles

The 3M™ GoggleGear™ 6000 Series Safety Goggles is a larger-profile goggle design that features models with Scotchgard™ Anti-Fog Coating and Anti-Scratch Coating. All models offer splash protection with indirect venting to help reduce fogging.



Indirect Venting

- ▶ Helps reduce fogging
- ▶ D3 (droplet splash) and D4 (dust) rated

Large Profile

- ▶ Can fit over some prescription eyeglasses



Polycarbonate Lens

- ▶ Meets requirements of ANSI Z87.1 Standard as an Impact Rated Spectacle
- ▶ Absorbs 99.9% of UVA, UVB and UVC rays between 200 nm and 380 nm

Soft Goggle Shroud

- ▶ Helps seal against the face

Easy Cleaning

- ▶ Can be disassembled for cleaning

Scotchgard™ Anti-Fog Coating

- ▶ Provides fog and abrasion resistance (select models)
- ▶ Resists fogging longer than traditional anti-fog coatings, up to 25 washings with water*
- ▶ Helps provide durable scratch resistance in tough work environment

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

3M™ Solus™ 2000 Series Eyewear



Polycarbonate Lens

- ▶ Meets the requirements of ANSI Z87.1 Standard as an Impact Rated Spectacle
- ▶ Absorbs 99.9% of UVA, UVB and UVC rays between 200 nm and 380 nm

Scotchgard™ 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

Adjustable Ratchet Temples

- ▶ Multiple position ratchet allows user to adjust lens for facial features and eyeglass position

Optional Foam-Lined Gasket

- ▶ Helps limit eye exposure to dirt and debris while providing added comfort and cushioning

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 (available with 3M™ SecureFit™ 500 Series Safety Eyewear)

3M™ SecureFit™ 500 Series Eyewear



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

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 Z89.1 and various impact and penetration requirements of the European EN12492 Mountaineering Helmet Standard
- ▶ 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 safety glasses and integrated headlamp options, or other accessories
- ▶ Vented models available
- ▶ Additional color options



X5005VX-ANSI

Scotchlite™ Reflective
RED VENT 1/BX, 4/CS

X5005X-ANSI

Scotchlite™ Reflective
RED NON-VENT 1/BX, 4/CS



X5001VX-ANSI

Scotchlite™ Reflective
WHITE VENT 1/BX, 4/CS

X5001X-ANSI

Scotchlite™ Reflective
WHITE NON-VENT 1/BX, 4/CS



X5014VX-ANSI

Scotchlite™ Reflective
HIGH VIZ VENT 1/BX, 4/CS

X5014X-ANSI

Scotchlite™ Reflective
HIGH VIZ 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, Face Shields and 3M™ PELTOR™ Hearing Protection and Communications



3M™ Helmet Integrated Safety Glasses V9 Series



3M™ Task Lights



To learn more about 3M Eye, Head & Face Protection, please visit [3M.com/SecureFit](https://www.3m.com/SecureFit).



Scotchlite™
Reflective Material

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.

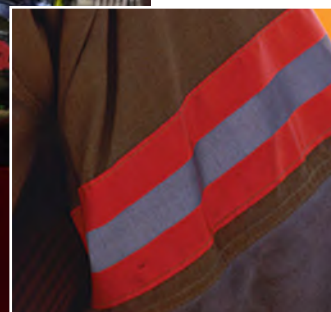


3M™ Scotchlite™ Reflective Material Series 5600 Fire Coat Comfort Trim

- ▶ 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?



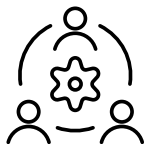
No Overhaul Required

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
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St. Paul, MN 55144-1000

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