

# 3M Solutions for Law Enforcement Applications

3M is a global leader in the design and manufacturing of law enforcement solutions with a focus on:



#### **SWAT**

Conduct specialized law enforcement operations in high-risk tactical environments.



#### **Training**

Law enforcement training involves rigorous educational and physical modules, including countless hours at the shooting range.



#### **Department of Corrections**

Keep staff, offenders, and visitors present in a correctional facility safe during hazardous situations.



#### **Evidence Response Team**

Collect and preserve all types of evidence from various, often hazardous, crime scenes.



#### **Explosive Ordnance Disposal (EOD)**

Detect, disarm, and dispose of explosive threats in the most extreme and dangerous environments.

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Ensure hearing protectors are properly selected, fit, adjusted, and maintained. Improper fit may reduce its effectiveness in attenuating noise. When additional personal protective equipment is necessary, select low-profile straps and flat, flexible eyewear temples to minimize interference with the earmuff cushions.

3M strongly recommends personal fit testing of hearing protectors with eyewear and other PPE in place. Users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, interference of temples and/or straps with earmuff cushions, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced to better estimate typical protection. Ensure the hearing protector is properly selected, fit, adjusted, and maintained. Improper fit may reduce effectiveness of the hearing protector in attenuating noise.

When selecting a respirator, an appropriate fit test must be performed to ensure the correct respirator facepiece size has been selected.







## 25+ Years of Tactical Operations Support

#### Dependability

PELTOR has built a reputation of dependability in delivering communications and auditory environmental awareness under very trying operational conditions.

#### Quality

PELTOR is committed to providing high quality, durable products that help keep law enforcement officers safe in high-noise environments.

#### **Innovation**

Recognized for its innovative approach and design, PELTOR regularly introduces new technologies that help improve performance and overall mission safety.

#### Safety

Designed to reduce background noise while helping to enable hearing and communication, our devices help increase situational awarness and operator safety.

#### Versatility

Suitable for multiple critical operations, PELTOR devices are an essential tool for law enforcement personnel.

Synonymous with technologically-advanced communication devices, PELTOR has been producing reliable, durable, and innovative hearing protection for decades, becoming a go-to supplier to the law enforcement community.





## 3M<sup>™</sup> Scott<sup>™</sup> Respiratory Solutions: A Legacy of Innovation & Excellence

#### 3M<sup>™</sup> Scott<sup>™</sup> X3-21 Pro SCBA

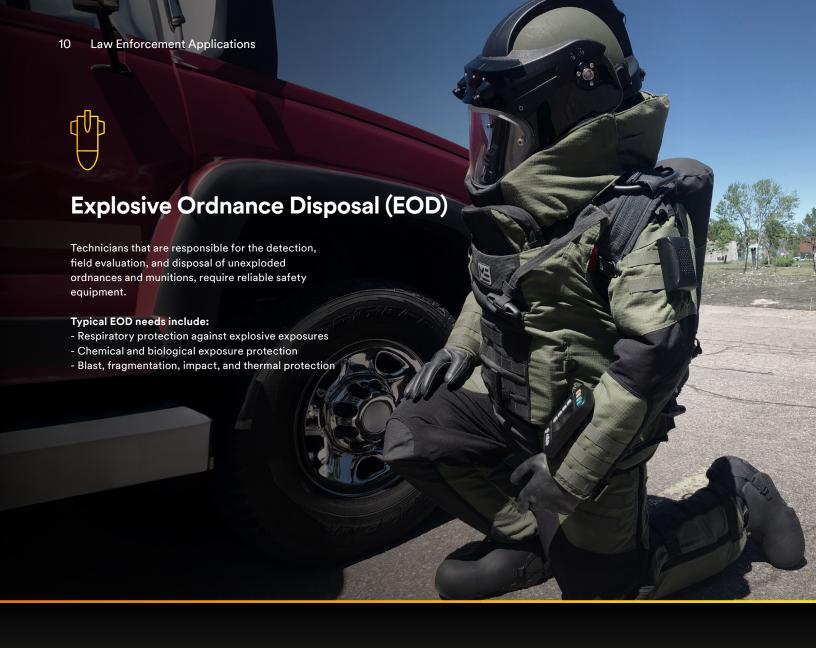
Designed for Tactical and Technical Operations that include SWAT, CBRN Operations, Medical Examiners, Crime Scene Investigation (CSI) Operations, as well as others.

#### Eight decades of delivering innovative respiratory protection.

As a leading provider of respiratory and personal protective equipment for first responders, industrial workers, and law enforcement personnel, 3M™ Scott™ is committed to delivering products that meet the challenging requirements of critical operations. Our extensive portfolio includes a wide range of respiratory protection equipment, such as airpurifying respirators, supplied air respirators, and SCBA.





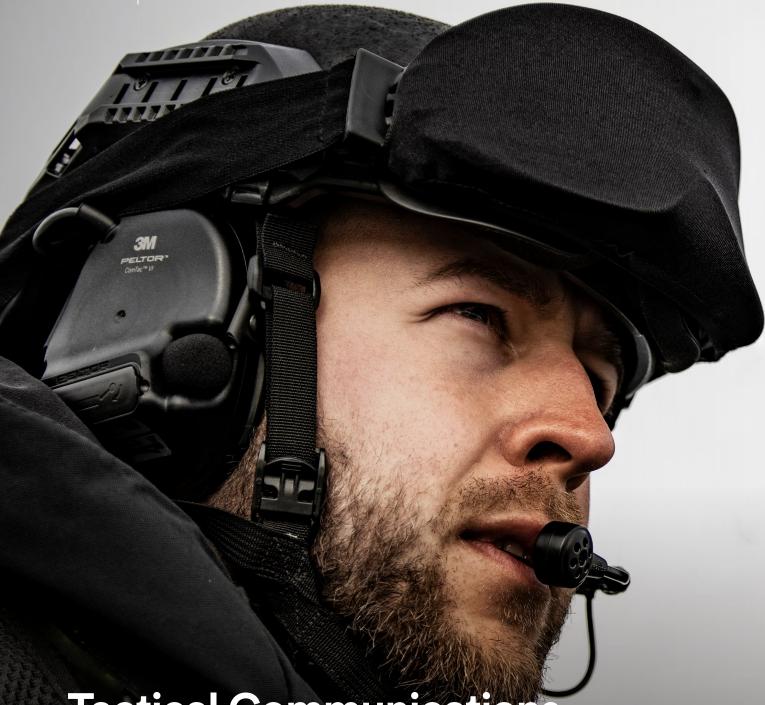


## 3M Law Enforcement Protective Solutions Application Chart

	SWAT	Firearms Training	Department of Corrections	Evidence Response Team	Explosive Ordnance Disposal (EOD)
SCBA	•		•	•	•
Passive Hearing Protection		•			
Protective Eyewear	•	•	•	•	
Protective Coveralls				•	
Respiratory Protection	•		•	•	
Protective Communications	•	•	•		•







# Tactical Communications and Hearing Protection

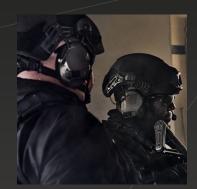
With over 65 years of experience, our protection solutions have been fueled by 3M innovation and technology to exceed the unique safety requirements for law enforcement, helping provide auditory situational awareness and protection from hazardous noise in law enforcement operations.

## 3M<sup>™</sup> PELTOR<sup>™</sup> Understands Your Auditory Needs

#### Communications

Communications are critical to law enforcement operations. Clear and concise electronic (radio, cell phone, etc) and face-to-face communications are often the primary determiner in successful missions. These critical communications can often be challenged by environmental noise. Whether communicating as part of a tactical operation or running a weapons training exercise, 3M™ PELTOR™ headsets are designed to help with communicating in a variety of noise environments and communication methods, including:

- External electronic communications connectivity
- Intra-team, proximity communications utilizing 3M Natural Interaction Behavior (NIB)
- Talk-through capability



#### **Auditory Situational Awareness**

Using our hearing to gather information about our environment is second nature. Listening for tactically relevant sounds such as footsteps, whispered conversations behind a closed door or weapons fire is something we incorporate into our tactical operations without thinking.

3M™ PELTOR™ headsets can help maintain auditory situational awareness through the use of environmental microphones.



### **Hearing Protection**

Law personnel are exposed to various loud noises and sounds during their various operational activities. Exposure to firearms and equipment sounds, sirens, explosions, other continuous and impulsive noises in law enforcement require proper hearing protection. All 3M<sup>™</sup> PELTOR<sup>™</sup> headsets offer hearing protection to help protect against the harmful effects of hazardous noise. To do this, a variety of protective technologies are utilized:

- Passive protection via foam or geal ear cushions and a variety of ear tips for in-the-ear products
- Electronic circuit limiters
- Earplug mode to help maintain communications and auditory awareness when dual hearing protection is required



## 3M™ PELTOR™ Technologies

#### **Communications**



#### **Radio Communications**

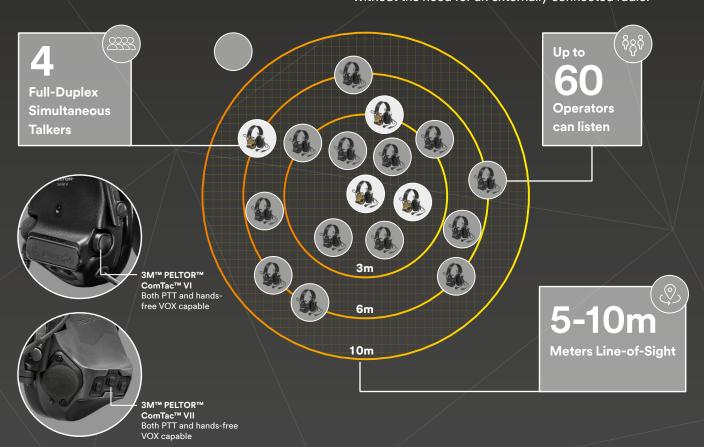
3M™ PELTOR™ Tactical Headsets connect to external communications devices to provide radio communication to law enforcement team personnel.

#### **Intra-Team Communications**



#### What is NIB Technology?

3M Natural Interaction Behavior (NIB) is designed to help improve intra-team, proximity communications in noise. When two or more NIB enabled headsets are within the NIB's operational bubble, which is 5-10 meters, the headsets connect automatically and allow headset-to-headset communications without the need for an externally connected radio.



## How does NIB connect Law Enforcement personnel to one another?

Provides wireless, proximity, full-duplex communications for up to four simultaneous talkers.

Team members in proximity of each other (5-10 meters) are automatically connected, when the 3M<sup>™</sup> ComTac<sup>™</sup> NIB function is on.

A Push-To-Talk (PTT) button is located on the 3M<sup>™</sup> PELTOR<sup>™</sup> ComTac<sup>™</sup> left ear cup that allows the user to easily turn the NIB function on or off, switch from Voice Operated Transmission (VOX) to PTT settings, and manually transmit via PTT.

## Why is NIB beneficial to Law Enforcement personnel?

- Provides short-range task level communications without the need for an external radio
- Provides hearing protection, as well as the ability to communicate, in high background noise environments

Note: NIB is available on select 3M™ PELTOR™ ComTac™ Tactical Headsets.

## 3M™ PELTOR™ Technologies

### **Auditory Situational Awareness**

3M offers technologies to meet the environmental listening needs for Law Enforcement.



#### **Environmental Microphones**

3M™ PELTOR™ Tactical Headsets utilize an external environmental microphone to allow law enforcement personnel to better listen to ambient sounds, understand their surroundings, and communicate face-to-face in lower noise environments, all while still wearing hearing protection.

#### Mission Audio Profiles (MAP)

The 3M™ PELTOR™ ComTac™ VII and VI Tactical Headsets incorporate Mission Audio Profiles (MAP) as an advanced listening feature that allow law enforcement personnel to adapt and optimize the environmental listening function to five different scenarios:

Profile 1: **Silent** – environmental listening function is off, in high noise environments

Profile 2: **Comfort** – low volume and narrow frequency response, in noise for long periods of time

Profile 3: **Conversation** – maximizes frequencies for face-to-face communications

Profile 4: **Patrol** - high volume with reduced high frequencies to limit sounds such as footsteps

Profile 5: **Observation** – highest volume and widest frequency response to maximize hearing when law enforcement personnel are still

#### **Hearing Protection**

3M offers technologies to meet the hearing protection needs for Law Enforcement.



3M™ PELTOR™ ComTac™ Tactical Headsets are designed to properly fit under tactical law enforcement helmets, or attached to a rail on the side of a helmet, to provide maximum amount of attenuation.

#### **Level-Dependent Digital Audio Circuit Limiters**

ComTac<sup>™</sup> Tactical headsets sense noise levels above the desired threshold and compress them to a safe decibel level (82 dBA) or amplify softer sounds to an audible level.

#### **Earplug Mode**

In high noise environments, dual hearing protection may be required.



3M™ PELTOR™ ComTac™ Tactical Headsets offer an "Earplug Mode". In this mode, when the headset is used in conjunction with earplugs, the headset volume is boosted by approximately 6 dB to help compensate for the additional attenuation provided by the earplug.

#### **Gel Ear Cushions**

Designed for comfort, these cushions are offered for certain 3M™ PELTOR™ Hearing protection for long term wear and use with eye protection.





## 3M<sup>™</sup> PELTOR<sup>™</sup> ComTac<sup>™</sup> Tactical Headset Solutions

Being able to communicate effectively while at the same time receiving protection from harmful noise levels is a vital necessity in law enforcement, both for training and in operational situations. Noise levels are often so high that they can cause immediate, permanent damage to your hearing if proper hearing protection is not worn.

3M™ PELTOR™ ComTac™ 1st generation headset was a result of a project to help prevent hearing damage and enhance the operational efficiency of a mission.

The 1st generation 3M™ PELTOR™ ComTac™ headset was introduced over 25 years ago and so far over 1,000,000 headsets have been delivered and used in more than 40 countries worldwide.









Comparison Chart of 3M <sup>™</sup> PELTOR <sup>™</sup> ComTac <sup>™</sup> Tactical Headsets and Systems	3M <sup>™</sup> PELTOR <sup>™</sup> ComTac <sup>™</sup> V Headset	3M™ PELTOR™ ComTac™ VI Headset	3M™ PELTOR™ Tactical Modular Audio System (TMAS) with 3M™ PELTOR™ ComTac™ VII Headset
Hearing protection	<b>√</b>	√	√ /
Headset Earplug Mode	V	√	V
Mission Audio Profiles (MAP)	-	✓ ✓	<b>v</b>
Intra-team Communications using Natural Interaction Behavior (NIB) technology	-	√	√
Wireless Head-to-Body (NFMI)	-	-\	<b>√</b>
Fail Safe Communication	V	<b>√</b>	-
Accessory Rail Connector (ARC) Included	<u>-</u>	✓ \	<b>v</b>
Gel Cushions Included	-	<b>√</b>	V
Other System Components	Compatible with legacy 3M™ PELTOR™ FL4000 and FL5000 Series PTTs	Compatible with legacy 3M™ PELTOR™ FL4000 and FL5000 Series PTTs	3M™ PELTOR™ SCU-300 3M™ PELTOR™ RCU-300 3M™ PELTOR™ TEP-300



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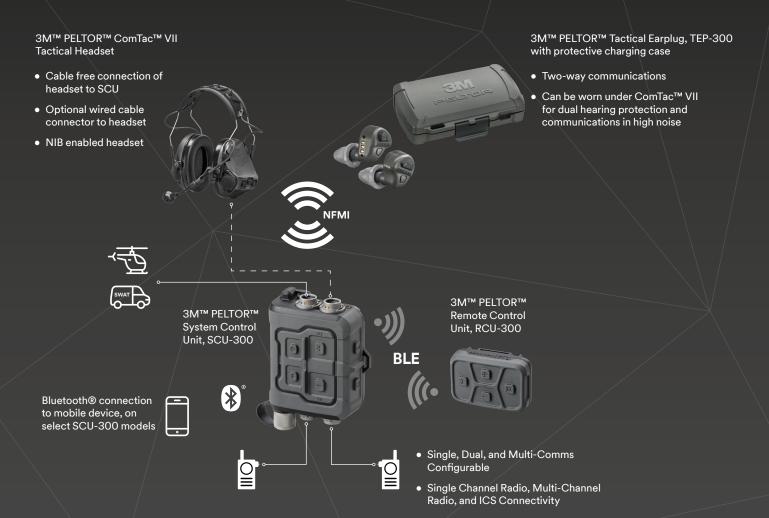
xplosive Ordnance Disposal (EOD

## 3M<sup>™</sup> PELTOR<sup>™</sup> Tactical Modular Audio System (TMAS)

Scan the QR code to learn more about TMAS.



The most advanced 3M™ PELTOR™ communication system with wireless body-to-headset connectivity, multi-comm capability, state-of-the-art plug and play technology, and a remote control unit.



TMAS is 3M's newest generation of tactical communication and hearing protection, developed to help operators effectively communicate in dynamic noise environments. The new system brings forward our next generation 3M™ PELTOR™ ComTac™ VII headset and 3M™ PELTOR™ TEP-300 earplug with new looks, improved systems integration, and enhanced auditory situational awareness to help give operators a tactical edge during operations.

TMAS features clear, reliable wireless communication that removes the cable(s) between the headset and

Push-To-Talk (PTT), helping to increase overall mobility. Additionally, the system comes equipped with a new wireless remote PTT, that can be mounted on the weapons rail – giving operators the capability to transmit and adjust volume without having to remove their hand from the weapon.

The system offers flexibility and scalability to address the needs of the modern operator, with the ability to manage legacy and future radio systems.

Welcome to the next generation of communication capability from 3M<sup>™</sup> PELTOR<sup>™</sup>.

SWAT

Firearms Training

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**Explosive Ordnance Disposal (EOD** 

3M<sup>™</sup> PELTOR<sup>™</sup> Tactical Modular Audio System (TMAS)

## 3M<sup>™</sup> PELTOR<sup>™</sup> System Control Unit SCU-300

- TMAS provides secure, reliable cable-free connection between the SCU and headsets (both in-ear and over-the-ear)
- Multi-comms and ICS configurable
- Bluetooth® cell phone connection capable, on select SCU models
- Proprietary automatic NFMI conflict resolution, which allows multiple users cordless communications in proximity

Scan the QR code to learn more about TMAS.





## 3M<sup>™</sup> PELTOR<sup>™</sup> Wireless Remote Control Unit RCU-300

- SCU can be remotely operated via the RCU
- RCU functionality includes PTT and volume control operability (both environmental listening and radio)
- Designed to be mounted on a Picatinny Rail, it can also be placed in other locations
- Two RCUs can be paired to the SCU





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**Explosive Ordnance Disposal (EOD** 

## 3M<sup>™</sup> PELTOR<sup>™</sup> Tactical Modular Audio System (TMAS)

#### 3M™ PELTOR™ ComTac™ VII Headset

Scan the QR code to learn more about TMAS.



A tactical wireless communications headset, a component of TMAS, with revolutionary 3M Natural Interaction Behavior (NIB) for intra-team communications and Mission Audio Profiles (MAP) for improved auditory situational awareness to help law enforcement personnel communicate in noisy environments and to enhance ambient listening.



Mission Audio Profiles (MAP)
The digital level-dependent
function for ambient listening is
set with five incremental steps
including an advanced ambient
mode.



**3M Natural Interaction Behavior (NIB)** Technology provides short-range, headset-to-headset communications without the need for external devices.

#### **New Headband Design**

A complete redesign helps improve comfort when worn under a ballistic helmet.



Transition Made Easier
Simplified cable removal and resetting with redesigned arm guides that snap on/off (no tools required) for easy transition between Accessory Rail
Connectors (ARC) and headband.



#### **New Earcup**

Updated, modern style that achieves the highest noise attenuation in the ComTac™ range, and retains a slim profile to help achieve an unobstructed cheek-to-stock weld.

New Microphone Attachment

Designed to help accommodate both left handed and right handed shooters without the need to relocate the microphone to opposite side of the headset.

#### Speech Microphone

Redesigned and embedded with patented 3M closed cell foam, delivers improved noise canceling transmission in high noise and wind while also improving dust and water ingress protection (IP68, 6m / 30 min).

New Environmental Microphone Design The new ear cup profile allows more space for an upgraded environmental

microphone and a more robust windscreen, resulting in improved auditory situational awareness and reduced wind noise.

#### Additional features:

- Cable-free connection to SCU utilizing 3M Near Field Magnetic Induction (NFMI)
- Designed for use with 3M<sup>™</sup> PELTOR<sup>™</sup>
   Tactical Earplug TEP-300 for high noise environments
- Earplug Mode for dual hearing protection and to maintain clear communications by boosting headset volume by approximately 9 dB



Optional Wired Cable Connection A port for an optional wired connection to the SCU as primary or back-up connection.

New Battery Compartment Redesigned, watertight battery compartment that does not require a tool to change batteries.



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**Explosive Ordnance Disposal (EOD)** 

## 3M<sup>™</sup> PELTOR<sup>™</sup> Tactical Modular Audio System (TMAS)

3M™ PELTOR™ Tactical Earplug, TEP-300

Scan the QR code to learn more about TMAS.



Tactical earplugs, can be wirelessly connected to the SCU-300, and provides compact hearing protection and auditory situational awareness thru environmental listening function.

#### Operation

Intuitive one-button operation turns unit on, off, and selects volume settings.

#### Rechargeable

Charging contacts recharge the unit while in the case. Internal earpiece Li-ion battery provides up to 10 hours of continuous operation when fully charged.

#### **Hearing Protection**

Replaceable communications eartip helps provide hearing protection in noisy environments. Multiple sizes and types designed to fit most ear canals.



#### **Environmental Microphone Port**

Assists with maintaining auditory awareness while helping minimize wind noise. Additional windscreen accessory available.

#### IP68 Water and Dust

Resistance Protection Innovative design helps protect earpiece against water and dust ingress.

#### Near Field Magnetic Induction (NFMI)

Wireless connection to 3M<sup>™</sup> PELTOR<sup>™</sup> System Control Units, SCU-300.

#### In-Ear Speech Microphone

The TEP-300 features in-ear speech microphones that pick up sound from inside the ear canal as you speak.

#### Additional safety and performance features:

- · Environmental listening to support auditory situational awareness, while still providing protection from hazardous noise
- Portable, pocket-sized storage and charging case
- In TMAS dual protection mode, incoming audio routed to TEP-300 and outgoing transmission through ComTac™ VII speech microphone



Portable Charging Compartment Up to 16 recharging cycles with AA batteries.

#### Sealing Ring

Rubber sealing ring helps protect earplugs and charging case in wet and dirty environments. (IP68 rating) Charging Status LED LED lights indicate charging status.

#### USB-C Charging Port

USB port enables the charging of the earplugs when plugged into a computer or USB power supply (cable not included).

#### Earplug Clips

Steel clips help secure earplugs in case.

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**Explosive Ordnance Disposal (EOD)** 

## 3M<sup>™</sup> PELTOR<sup>™</sup> ComTac<sup>™</sup> VI Headset

A tactical communications headset, with revolutionary 3M Natural Interaction Behavior (NIB) for intra-team communications and Mission Audio Profiles (MAP) for improved auditory situational awareness to help law enforcement personnel communicate in noisy environments and to enhance ambient listening.

Scan the QR code to learn more about ComTac™ VI Headset.





Slim shell design

To be worn comfortably under a helmet and used with different kinds of weapons without interference.



**MAP** - Mission Audio Profiles

The digital level-dependent function for ambient listening is set with five incremental steps including an advanced ambient mode.

2-AAA batteries

Lasting for approximately 30-50 hours of use. The headset will turn off after 2 hours of non-use to save batteries. A message will be heard when the battery is low.

#### Earplug Mode

For dual hearing protection and to maintain clear communications by boosting headset volume by approximately 6 dB.



**Hearing Protection** 

Noise-attenuating ear cups help provide hearing protection in environments with potentially hazardous noise.

Replaceable cushions and foam liners (hygiene kit). Approved with Gel Rings (HY80A).



**Noise-canceling microphone**Dynamic waterproof speech microphone.
Tested according to IP68 (6m/30min).

## New advanced level-dependent function for ambient listening

The level-dependent microphones allow the users to listen to the ambient sounds and communicate in lower noise environments while still being protected against temporary or intermittent noise. The ComTac™ VI introduces the new 3M™ PELTOR™ MAP - Mission Audio Profiles, advanced settings for ambient listening, allowing you to adapt and optimize the level-dependent function for different connection

#### Fail-safe Communications

External radio RX/TX communications are independent of headset battery power in 3M™ PELTOR™ ComTac™ VI Headsets.

In the event of battery depletion or other power failure, external communications will continue to function.

The ComTac™ VI Headset does not require power to receive and transmit external radio communications.

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**Explosive Ordnance Disposal (EOD** 

## 3M™ PELTOR™ ComTac™ V Headset

A tactical communications headset that helps law enforcement communicate in noisy environments, assists with auditory situational awareness, and provides hearing protection against impulse and steady state noises. Scan the QR code to learn more about ComTac™ V Headset.



#### Hearing Protection

Noise-attenuating ear cups help provide hearing protection in environments with potentially hazardous noise.

#### Ear cushion

Replaceable cushions and foam liners (hygiene kit). Approved with Gel Rings (HY80A).

#### Earplug Mode

For dual hearing protection and to maintain clear communications by boosting headset volume approximately 6 dB.

#### Easy to use

The headset is controlled with two buttons for on/off, volume and menu functions.

"Plug and play" with no start-up time

#### Noise-canceling microphone

Dynamic waterproof speech microphone. Tested according to IP68 (6m/30min).

#### **Communications Downlead**

The external cable allows for easy Push-to-Talk (PTT) connectivity.

#### **Level-dependent – Situational Awareness**

Environmental listening is a means of allowing safe audio sounds to bypass the individual hearing protection while still protecting against harmful noises. This is accomplished with a proprietary digital audio circuit integrated into the headset.

Microphones detect sounds outside the headset and reproduce them with speakers inside the headset. The level-dependent digital audio circuit senses noise levels above the desired threshhold and compresses them to a safe decibel level below 82 dBA or amplifies weak sounds to an audible level.

#### **Fail-safe Communications**

External radio RX/TX communications are independent of headset battery power in 3M™ PELTOR™ ComTac V Headsets.

In the event of battery depletion or other power failure, external communications will continue to function.

The ComTac™ V Headset does not require power to receive and transmit external radio communications.

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**Explosive Ordnance Disposal (EOD)** 

## 3M<sup>™</sup> PELTOR<sup>™</sup> Adapter Single PTT FL4000

- Side button PTT designed for rough environments
- Fits in the palm of your hand to grip, while using the thumb to press the PTT button
- The button press provides distinct tactical feedback to ensure engagement
- 360° rotating clip for secure fastening on garments



Scan the QR code to learn more about PELTOR™ PTT Adapters and Cables.





Extra clips for FL4000

## 3M<sup>™</sup> PELTOR<sup>™</sup> Adapter Single PTT FL5000

- Rugged design with the PTT button positioned on the front and center for convenient activation
- Allows for easy use by either the right or left hand and includes a mounting clip that can be rotated 360 degrees
- Button press provides tactile feedback that is suitable for gloved hands
- Included is a removable shroud that helps prevent accidental activation of the PTT button



## 3M™ PELTOR™ U94 Style PTT Adapters

- In-line PTT button profile allows for confident and secure button activation
- Button press provides tactile feedback that is suitable for gloved hands
- Rugged design for use in challenging environments



## 3M<sup>™</sup> PELTOR<sup>™</sup> ComTac<sup>™</sup> Spare Parts and Accessories

Scan the QR code to view additional PELTOR™ Spare Parts and Accessories.





MT33/1 Flexible Boom Speech Microphone for ComTac™ V Headset



MT73/1 Rigid Telescoping Boom Speech Microphone for ComTac™ VI Headset



MT33-05R
Right-Mounted Flexible
Boom Speech Microphone for
ComTac™ V and VI Headsets



MT73-05/1
Right-Mounted Rigid Telescoping Boom
Speech Microphone for
ComTac™ V and VI Headsets



MT71/1
Rigid Telescoping Boom Speech
Microphone for ComTac™ VII Headset



**HYM1000**Hygiene Tape for Microphone



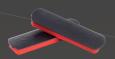
M60/2
Environmental Microphone
Foam Cover for ComTac™ V
and VI Headsets



M171/2 Wind Protector for MT33 / MT73 Microphone Heads



M194/2
Environmental Microphone
Foam Cover for
ComTac™ VII Headset



1079 SV-R Battery Cover for ComTac™ V and VI Headsets



1086 SV/1
Battery Cover for
ComTac™ VII Headsets



P3ADG-F SV/2
Helmet Accessory Rail Connectors
for ComTac™ V and VI Headsets



P3ADG47-F-SV/2
Helmet Accessory Rail
Connectors for ComTac™
VII Headset



FP9007 - DRAW Headset Carrying Drawstring Bag



HY68 SV Hygiene Kit, Black



**HY80A** Gel Ear Cushions

## 3M<sup>™</sup> PELTOR<sup>™</sup> TEP-200 **Tactical Earplug**

#### **Electronic Level-Dependent Hearing Protector**

Tactical earplug for hearing protection and to help improve situational awareness and communications. Allows audio signals to be received wirelessly from neckloop accessory.

#### Design

Corner radius designed to help soften contact zone and increase comfort.



#### Charging case

Pocket-sized storage and charging container.

Charger operates from AA batteries or USB power.



Scan the QR code to learn more about TEP-200.



Hearing protection		V
Level-dependent function for ambient listening		✓
Rugged design to withstand harsh environments		✓
Tested according to military standards*		V
Water resistant (IP67)		V
Recharge time 90 mi		min
Battery life	√life ~ 16h**	

<sup>\*</sup> Tested according to the applicable parts of MIL-STD 810G

#### Communication

Ear pieces also include a small antenna to allow audio signals (listen-only) to be received wirelessly from a neckloop accessory.

**Note:** Neck Loop accessory available from Astra Radio Communications. www.arcmics.com

<sup>\*\*</sup> Battery & temperature dependent

## 3M™ PELTOR™ WS™ LiteCom **Plus Headset**

Scan the QR code to learn more about LiteCom Headsets.



Helps provide over-the-ear hearing protection in firearms training, and offers hands-free, clear two-way radio communications without the need for an external radio.

Analog UHF two-way communications radio

Headset-to-headset communication with 22 pre-programmed FRS channels.

Bluetooth® Connectivity

Multipoint, for simultaneous, seamless connection to external devices using Bluetooth® technology.

**External Connection Jack** 

External connection jack provides the possibility to connect an external communication device via a cable.

Stainless Steel Wire Headband Wire headband offers comfortable pressure during prolonged usage.

**Hearing Protection** 

Noise-attenuating headset helps provide hearing protection in environments with potentially hazardous noise.

Level-dependent Technology

**Environmental microphones** for ambient listening. Helps improve situational awareness and communication.

**Noise-Canceling Water Resistant** Speech Microphone (IP68)

Helps provide communication in noisy and demanding environments.

**Voice Operated Transmission** 

Voice operated transmission (VOX) for handsfree operation in high noise environments.

### 3M™ PELTOR™ LiteCom Product Comparison

Features	3M™ PELTOR™ WS™ LiteCom Pro III	3M™ PELTOR™ WS™ LiteCom Plus	3M™ PELTOR™ LiteCom FRS
Analog Two-Way Radio	V	✓	<b>V</b>
DMR Two-Way Radio	√	-	-
Number of Channels	up to 70	22	22
Programmable	√	-	-
Noise-Canceling Microphone	✓	✓	✓ ✓
Voice Operated Transmission	√	√	✓
Environmental Listening	V	✓	<del>-</del>
Bluetooth® Communication	√	√	-
External Audio Jack	✓	√	<del>-</del>
Available as Intrinsically Safe	V	<del>-</del>	_

# 3M<sup>™</sup> PELTOR<sup>™</sup> Professional In-Ear Communication Headset, PIC-100

Scan the QR code to learn more about PIC-100.



Provides in-ear communication for firearms training without the need for an external radio.



- 6 separate channels enable multiple groups to operate independently without interference
- Configurable listening/talking options: Double press to change settings: VOX
   (Voice Operated Transmission) and PTT
   (Push-To-Talk) modes
- LED channel indication
- No need for pairing; all PIC-100 headsets automatically connect to each other when in range



In-ear speech Microphone

Environmental listening Microphone

Replaceable eartips in multiple types and sizes

Headset connector

## **3M™ PELTOR™ Electronic Earplug EEP-100**

Scan the QR code to learn more about EEP-100.



Electronic earplug to assist with firearms instruction and range commands, allowing face-to-face communication while wearing hearing protection. External microphones help you hear communication and environmental sounds.



#### **Hearing Protection**

Electronic earplug to assist with firearms instruction and range commands, allowing face-to-face communication while wearing hearing protection. External microphone helps you hear communication and environmental sounds.

#### Rechargeable

Charging contacts recharge the unit while in the case. Lithium-ion battery provides up to 16 hours of continuous operation.

Corner radius designed to help soften contact zone and increase comfort.

#### **Key Features**

- Helps provide hearing protection
- Level-dependent function (for situational awareness)
- Intuitive one-button operation
- Rechargeable
- Durable storage and charging case (IP54) and earpieces (IP54)
- Small and lightweight design
- Can be used in combination with other Personal Protective Equipment (PPE)



Enables easy visability of charging status when closed.

#### **Sealing Ring**

Rubber sealing ring helps protect earplugs in wet and dirty environments.

#### Micro USB-B Charging Port

USB port enables the charging of the earplugs when plugged into a computer or wall socket (USB cable included).

#### Charging Case

Pocket-sized storage and charging container. Including charging status indicator.

## 3M<sup>™</sup> PELTOR<sup>™</sup> ProTac Shooter <u>Headset</u>

Hearing protector to help protect against impulse noise, while allowing environmental sounds to be reproduced by the electronic circuit, to increase the ability to hear and communicate range instructions and commands.

Scan the QR code to learn more about ProTac Shooter Headset.



Headband
Comfortable Padded Headband

#### Dual shell design

To protect the electronics from sweat inside the cup, all electronics are placed on the outside beneath the shell.

Large user-friendly push buttons
To adjust volume and turn the
product on/off.

#### 3.5 mm Listen-Only Stereo Input Jack

A listen-only stereo input to connect to a cell-phone, radio, two-way radio or other external devices. Stainless Steel Wire Headband Provides durability and consistent pressure.

#### Hearing Protection (26 dB NRR) Noise-attenuating ear cups help

Noise-attenuating ear cups help provide hearing protection in environments with potentially hazardous noise.

#### 2xAA batteries

Lasting for approx. 100 hours of use. The headset will turn off after 4 hrs of non-use to save batteries. A message will be heard when the battery is low.

Replaceable cushions and foam liners (hygiene kit).

#### Level-dependent Microphones

The digital level dependent function for ambient listening is set with four incremental steps.

## 3M<sup>™</sup> PELTOR<sup>™</sup> X Series Earmuffs

- Comfortable and durable 3M<sup>™</sup> PELTOR<sup>™</sup>
   Earmuff suitable for use on firearms training range
- Foam cushion technology helps provide for an effective acoustic seal and helps reduce exposure against impluse noises such as gunfire on the firearms range
- Twin headband design helps reduce heat buildup with good fit and balance



**3M™ PELTOR™ Earmuff X1A** 22 dB Noise Reduction Rating (NRR) Scan the QR code to learn more about 3M Hearing Conservation Products.





3M™ PELTOR™ Earmuff X5A 31 dB Noise Reduction Rating (NRR)

## 3M™ PELTOR™ Optime™ 95 Earmuffs

- Lightweight, low-profile design that helps improve comfort and fit while on firearms range
- Folding design options available to offer compact storage
- Earmuffs provide hearing protection against noise up to 95 dBA



3M™ PELTOR™ Optime™ 95 Earmufff, H6F/V 21 dB Noise Reduction Rating (NRR)



Synonymous with technologically-advanced communication devices, PELTOR has been producing reliable, durable, and innovative hearing protection for decades, becoming a go-to supplier to the law enforcement community.

## 3M™ E-A-R™ UltraFit™ Earplugs

- Durable, long-lasting earplugs made from soft, flexible materials that are washable and reusable
- Triple-flange design to contour to the different shapes and sizes of ear canals to help create a noise-blocking seal
- Carrying case for ease of storage for law enforcement personnel

Scan the QR code to learn more about 3M™ Earplugs.



3M™ E-A-R™ UltraFit™ Earplugs, Corded, Carrying Case 25 dB Noise Reduction Rating (NRR)

## 3M™ E-A-R™ Classic™ Earplugs

- Made from a proprietary energy absorbing polymer foam designed to help block out noise
- Moisture resistant foam softens inside the ear canal for extended wear comfort
- Multiple sizes available with medium size fitting most
- Can be used with over-the-ear hearing protection when dual hearing is required



3M<sup>™</sup> E-A-R<sup>™</sup> Classic<sup>™</sup> Earplugs, Uncorded 29 dB NRR

## 3M™ E-A-R™ One Touch™ Earplug Dispenser

- Easy and convenient for individuals to access earplugs
- Holds 400-500 pairs of earplugs that are dispensed one at a time
- Refill bottle containers available for the 3M<sup>™</sup> Classic<sup>™</sup>, Yellow Neons<sup>™</sup>, Yellow Neon Blasts<sup>™</sup>, SuperFit<sup>™</sup> and 1100 Earplugs



### **Hearing Protector Fit Testing**

US OSHA has recommended fit testing as a best practice in hearing conservation since 2008. Fit testing can help law enforcement agencies measure the Personal Attenuation Rating (PAR), an individual and hearing protector specific measurement of attenuation.

The purpose of hearing protector fit testing is to verify that the attenuation is adequate for the individual and to help validate hearing protectors that can be used successfully in their work environments.

3M strongly recommends personal fit testing of hearing protectors with eyewear and other PPE in place. Users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, interference of temples and/or straps with earmuff cushions, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced to better estimate typical protection. Ensure the hearing protector is properly selected, fit, adjusted, and maintained. Improper fit may reduce effectiveness of the hearing protector in attenuating noise.

### How is the 3M™ E-A-Rfit™ Dual-Ear Validation System different?

The 3M™ E-A-Rfit™ Dual-Ear Validation System assesses the

amount of attenuation provided to a user of hearing protection. The system uses an objective method called field microphone in-real-ear (F-MIRE). The sound levels in the ear canal underneath the hearing protector and the sound levels outside the hearing protector are measured with dual-element microphones.

One microphone element measures the ear canal signal with a probe tube that passes through the earplug or earmuff cushion. The second microphone element measures the external sound level during testing. The difference between these two measurements allows the attentuation of the hearing protector to be estimated.

#### Training on using hearing protection

3M<sup>™</sup> E-A-Rfit<sup>™</sup> System testing sessions give law enforcement agencies the opportunity to teach/retrain their employees on how to wear hearing protection properly.

#### **Product Selection - Earplugs and Earmuffs**

Hearing protector selection involves the law enforcement individual finding the earplug and/or earmuff that best meets their personal needs for comfort, attenuation and the size of their ear canal.

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

Hearing protector fit testing is a way to measure the amount of noise reduction, or attenuation, a hearing protector provides while it is being worn by a specific individual. This real-world measurement is referred to as a "Personal Attenuation Rating" or PAR.

#### Fit

Have the employee insert their hearing protection.

#### Test

Connect to microphones and begin speaker test sound.

#### Assess

Use PAR to understand the actual amount of attenuation achieved.

Research suggests that many users may receive less noise reduction than indicated by the attenuation value(s) on the packaging, due to variation in fit, fitting skill, and motivation of the user. Refer to your national regulations for guidance on how to adjust label values and estimate attenuation.

3M strongly recommends fit testing of hearing protectors.



Scan the QR code to learn more about hearing protection fit testing.



#### Fail



A 'fail' result indicates the selected hearing protector does not have adequate fit in relation to the site-defined Company Exposure Limit.

#### **Pass**



A 'pass' result means the selected hearing protector has adequate fit in relation to the site-defined Company Exposure Limit.



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## 3M™ Scott™ X3-21 Pro SCBA

Next-generation equipment for tactical and technical operations.

#### Made for the mission.

The 3M™ Scott™ X3-21 Pro SCBA is a highly versatile and adaptable system that caters to a range of mission sets and multi-threat environments.

As a next-generation iteration of the well-proven 3M™ Scott™ Air-Pak™ SCBA platform, this system is purpose-built to address the unique demands of federal and local law enforcement, technical operators, and hazmat first responders.

Pending certification to NFPA 1986, Standard on Respiratory Protection Equipment for Tactical and Technical Operations, 2023 edition (including NIOSH CBRN approval) SWAT

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## 3M<sup>™</sup> Scott<sup>™</sup> Vision C5 Facepiece with Radio Direct Interface

Scan the QR code to learn more about Vision C5 facepiece.

Removable 5-Point Head Harness

removable for cleaning

Wider Field of View

Helps provide a secure fit while minimizing

adjustment during donning and is easily

Helps to improve situational awareness

Single Reflex Face Seal

**Improved Communication** 

transmission around the wearer

Compatible for use with 3M™

Scott™ E-Z Flo C5 Regulator

Designed for enhanced comfort and donning

Dual voicemitters for easy communication without electronics and enhanced voice



Approved for use with the 3M<sup>™</sup> Scott<sup>™</sup> X3-21 Pro SCBA, the Vision C5 facepiece adopts use of modern communications technology into personal protective equipment.

#### **Bone Conduction Headphone**

Enhance hearing and understanding of incoming two-way radio communications



Adjust volume based on hearing acuity and environmental conditions

#### **Dual Voicemitters**

Enhanced voice transmission exceeds Speech Transmission Index (STI) requirements for NFPA 1981

#### **Rechargeable Battery**

Intrinsically safe lithium-ion battery



#### In-Mask Communications

Enhanced voice intelligibility during two-way radio communications.



#### **Automated Voice Prompts**

Provides verbal notification of changing system conditions.



#### **Modular Design**

Enables future upgradeability, usability across applications, and improves serviceability.

#### **Radio Direct Interface (RDI)**

As a single, integrated solution, the 3M™ Scott™ Vision C5 Facepiece with Radio Direct Interface provides wireless, Bluetooth® communication between the facepiece and land mobile radio, allowing for clear communication in tactical and non-tactical operations.



#### 3M™ Scott™ E-Z Flo C5 Regulator

The 3M™ Scott™ E-Z Flo C5 Regulator provides a secure connection to the 3M™ Scott™ Vision C5 Facepiece and incorporates innovative features to help you breathe easier:

- Enhanced Breathability: helps reduce user burden and improve operational efficiencies.
- Improved Communications: reduced frequency Vibralert End-of-Service-Time Indicator (EOSTI) helps improve
  two-way radio communications.
- Ergonomically designed for use with gloved hands
- Simple quarter-turn attachment provides audible and tactile notification when secured to the facepiece
- Two-step lock secures the regulator to the facepiece, helping to prevent accidental dislodging
- Vibralert alarm provides tactile and audible notificaiton of low air supply
- Spray bar helps to reduce lens fogging



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FOD

# 3M<sup>™</sup> Scott<sup>™</sup> AV-3000 HT Facepiece

Proven performance against occupational hazards.

Scan the QR code to learn more about AV-3000 HT Facepiece.



#### **Multiple Configurations**

Available in 3 sizes with either a 4-strap or 5-strap Kevlar® head harness

#### **Durable Construction**

High-performance lens and bezel for improved performance

#### **Enhanced Fit**

Utilizes proven SureSeal technology for enhanced comfort, fit, and performance

Compatible for use with 3M™ Scott™ E-Z Flo+ Regulator

#### Intuitive Design

Integrated grab handle to assist with donning

#### **Enhanced Security**

Color contrasting inhalation valves for ease-of-inspection

#### **Improved Communication**

Dual voicemitters for easy communication without electronics and enhanced voice transmission around the wearer

### Top-Down Convertibility (TDC).

The 3M™ Scott™ AV-3000 HT Facepiece can be used across 3M™ Scott's wide range of Self-Contained Breathing Apparatus (SCBA), Supplied-Air Respirators (SAR), and Air-Purifying Respirators (APR), helping to reduce facepiece inventory, streamline fit testing, provide easier training, and lower the total cost of ownership.



#### 3M™ Scott™ EZ-Flo+ Regulator

The 3M<sup>™</sup> Scott<sup>™</sup> EZ-Flo+ Regulator provides a secure connection to the 3M<sup>™</sup> Scott<sup>™</sup> AV-3000 HT Facepiece and offers low breathing resistance to help reduce burden and improve operational efficiencies.

- Proven durability and low breathing resistance
- Ergonomically designed for use with gloved hands
- Simple quarter-turn attachment provides audible and tactile notification when secured to the facepiece
- Two-step lock secures the regulator to the facepiece, helping to prevent accidental dislodging
- Vibralert alarm provides tactile and audible notification of low air supply
- Spray bar helps to reduce lens fogging

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# 3M<sup>™</sup> Scott<sup>™</sup> EPIC 3 Voice Communication Systems

The 3M™ Scott™ EPIC 3 Voice Amplifier, EPIC 3 Radio Interface (RI), and EPIC 3 Radio Direct Interface (RDI) Communication Systems help to enhance SCBA facepiece voice communications and intelligibility. The EPIC 3 RDI Voice Communication System delivers clear two-way radio communications when operated with certain Bluetooth® compatible mobile radios. The EPIC 3 RI Voice Communication System, when paired with the EPIC 3 Bluetooth® Lapel Speaker Mic, operates with a broad range of field radios to provide enhanced communications. The EPIC 3 Voice Amplifier helps project the voice in the direction the user is facing.

Scan the QR code to learn more about EPIC 3 RDI Voice Communication System.





3M<sup>™</sup> Scott<sup>™</sup> EPIC 3 RDI Voice Communication System

Flexible Communication System
Works with a broad range of 3M™
Scott™ SCBA and PPE equipment.

#### **Cost Effective**

Multi-purpose utility consolidates devices while reducing costs.

### Convenient & Easy-to-use

Simple and flexible device configuration. User-friendly operation and ergonomics.

#### **Robust Design**

Durable, reliable, and purpose-built design with high-heat rated construction.

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# 3M<sup>™</sup> Scott<sup>™</sup> Sight In-Mask Thermal Imager

3M™ Scott™ Sight In-Mask Thermal Imager provides hands-free thermal imaging in low-visibility environments.

Scan the QR code to learn more about Sight In-Mask Thermal Imager.



Fits Any 3M™ Scott™ AV-3000 HT Facepiece Available as a complete kit

#### **Auto System Power Off**

Equipped with an accelerometer to automatically turn off the system when no motion is detected, indicating not in use.

# Single-Button Power Off Power off the in-mask dist

Power off the in-mask display and thermal imaging camera with a single button press.

#### In-Mask Display

or as an upgrade.

Image in the mask unaffected by external conditions.

# Enhanced Battery Performance Improved battery life during use and storage.

# Adjustable Display Configurable to your line of sight.

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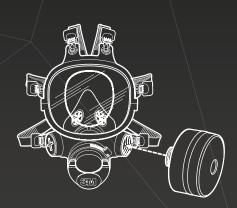
# 3M<sup>™</sup> Air-Purifying Canisters

NIOSH-approved air-purifying canisters, for use with Full Facepiece Reusable Respirators, for law enforcement applications where exposure to tear gases, pepper spray, and other CBRN gases, vapors, and particulates may exist in riot and crowd control operations, and during events like natural disasters, mass casualties, or acts of terrorism.

3M<sup>™</sup> Air-Purifying Canisters with DIN 40mm Connection Type

Scan the QR code to learn more about 3M Reusable Respirators.





### 3M™ Canister CP3N

- NIOSH-approved for respiratory protection against CN, CS, and as a P100 particulate filter
- May be used for exposure to tear gases and pepper spray during riot and crowd control operations



### 3M™ Canister FR-15-CBRN

- Meets NIOSH Cap 1 CBRN specification
- Protection against a number of different chemical warfare agents and industrial chemicals
- Contains a P100 filter to remove solid and liquid aerosols including biological and radiological particles
- Contains activated and treated carbon to absorb or react with gases and liquid vapors



### 3M<sup>™</sup> Canister FR-64

- Tested against military and NIOSH protocol for effectiveness against a number of chemical warfare agents and industrial chemicals
- Contains a P100 filter to remove solid and liquid aerosols
- Contains activated and treated carbon to absorb or react with gases and liquid vapors



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# Air-Purifying Canisters, Cartridges and Filters used with 3M™ Scott™ Facepieces

Scan the QR code to learn more about 3M™ Scott™ 40mm Canisters.



NIOSH-approved air-purifying canisters, cartridges, and filters for use with 3M™ Scott™ Facepieces. The 3M™ Scott™ Canisters are a solution for law enforcement applications where exposure to tear gases, pepper spray, and CBRN gases, vapors, and particulates may exist in riot and crowd control operations, and during events like natural disasters, mass casualties, or acts of terrorism.



3M™ Scott™ AV-3000 SureSeal Facepiece



3M™ Scott™ AV-3000 HT Facepiece, 5-Strap

### 3M<sup>™</sup> Scott<sup>™</sup> 40mm First Responder Canister Adapter

NIOSH CBRN approved for use with the 3M™ Scott™ AV-3000 SureSeal Facepiece (select models) or 3M<sup>™</sup> Scott<sup>™</sup> AV-3000 HT Facepiece with appropriate DIN 40mm canisters and cartridges.



### 3M<sup>™</sup> Scott<sup>™</sup> Air-Purifying Canisters with DIN 40mm Connection Type



#### 3M™ Scott™ **CBRN CAP-1 Canister**

- Filter airborne contaminants to protect against CBRN agents and toxic chemicals
- Offers P100 particulate protection



#### 3M™ Scott™ **MPC Plus Canister**

 NIOSH approved for protection against OV, CL, CD, HC, HF, SD, AM, MA, FM, P100



#### 3M™ Scott™ **Enforcement Canister**

• NIOSH approved for protection against CL, CD, HC, HF, SD, AM, MA, FM, PH, HE, CS, CN



#### 3M™ Scott™ P100/HE Canister

 NIOSH approved for P100 protection against particulates



### 3M™ Scott™ AV-632 Bayonet Adapter

Adapter allows 3M<sup>™</sup> bayonet cartridges and filters to be used with the 3M<sup>™</sup> Scott™ AV-3000 SureSeal Facepiece or 3M™ Scott™ AV-3000 HT Facepiece.

3M™ Bayonet Cartridges and Filters



3M™ Gas/Vapor Cartridges 6000 Series



3M™ Combination Cartridges / P100 Particulate Filters 6000 Series



3M™ Particulate Filters 2000 Series

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# 3M™ Powered Air Purifying Respirator (PAPR) Systems

Designed for use in demanding CBRN environments that require a continuously filtered air system.

Scan the QR code to learn more about Breathe Easy™ PAPR.



## 3M™ Breathe Easy™ Complete PAPR Assembly

3M™ Breathe Easy™ offers a loose-fitting PAPR to law enforcement and first responders during events like natural disasters, mass casualties, or acts of terrorism, delivering respiratory protection from certain airborne contaminants in both CBRN and non-CBRN applications.

The 3M™ Breathe Easy™ PAPR systems are approved to NIOSH's chemical, biological, radiological, and nuclear (CBRN) loose-fitting PAPR standard developed for gases and vapors.



### **Expanding your capabilities.**

Reliable Respiratory Solution: CBRN Powered Air Purifying Respirators (PAPRs) offer continuously filtered air and mobility during crisis events requiring CBRN protection.

Top-Down Convertibility: 3M™ Scott™ Fire & Safety offers a range of facepieces interchangeable with 3M™ Scott™'s line of SCBA, Supplied Air, PAPR, and APR respirators, helping reduce facepiece inventory, streamline fit testing, provide easier training, and lower the total cost of ownership.

### 3M™ Scott™ C420 Plus PAPR

A PAPR system that, when used with approved tight-fitting AV-series facepieces, can provide respiratory protection for both CBRN and non-CBRN applications.

Scan the QR code to learn more about C420 Plus PAPR.



#### **Designed for Comfort**

Flexible breathing tube does not restrict head movement.

#### **Intuitive Design**

Simple, easy-to-use, on/off toggle switch.

#### **Respiratory Protection**

Uses two filters that connect with 40mm threads.

#### **Dual Battery Options**

Standard LiSO2 battery with a 10-year shelf life and up to eight hours run time standard and optional NiMH rechargeable battery.

The C420 Plus PAPR is approved for use with the AV-3000 SureSeal and the AV-3000 HT 5-Strap Facepieces.





#### 3M™ Scott™ CBRN CAP-1 Canister

- Filter airborne contaminants to protect against CBRN agents and toxic chemicals
- Offers P100 particulate protection

# 3M™ Scott™ MPC40PF Canister

• NIOSH approved for protection against CL, CD, HC, HF, SD, AM, MA, FM, HE



AV-3000 SureSeal Facepiece



AV-3000 HT Facepiece, 5-Strap



#### 3M™ Scott™ Enforcement Canister

 NIOSH approved for protection against CL, CD, HC, HF, SD, AM, MA, FM, PH, HE, CS, CN

# **3M™ Versaflo™ PAPR Systems**

3M<sup>™</sup> Versaflo<sup>™</sup> offers a loose-fitting PAPR for non-CBRN applications.

Scan the QR code to learn more about Versaflo™ PAPRs.





#### TR-300+ PAPR

Lightweight, versatile respirator systems for particulate environments.

- Simple, one-button operation.
- User-friendly design features visual and audible alarms.
- High-efficiency particulate filter.



#### TR-600 PAPR

Designed to help protect against particulates, organic vapors and acid gases.

- Compatible with the 3M<sup>™</sup> Versaflo<sup>™</sup> family of components.
- Features adjustable airflow options and an expanded range of NIOSH-approved filters and cartridges.



#### TR-800 PAPR

The newest offering for intrinsically safe respiratory protection.

- Helps minimize the risk of fire or explosion.
- Works with particulate filters or gas and vapor combination cartridges for protection in a variety of environments.

### Assessing respiratory hazards of law enforcement service:

- Non-lethal deterrents: Deployment of non-lethal deterrents such as tear gas and pepper spray.
- Exposure to opioids: Responding to a release or spill and executing search warrants on opioid processing or distribution sites.

## Flexible system configuration options.

Each system has three easy-to-select modules that can be combined into dozens of system configurations. It is the ultimate in flexibility for handling changing user environments, needs, and comfort preferences.



Ready-to-use kits



Assemble your system



Choose your respiratory protection

# **3M™ Reusable Respirators**

3M<sup>™</sup> Secure Click<sup>™</sup> Half and Full Facepiece Reusable Respirators are paired with filters and cartridges to help protect law enforcement personnel against a wide variety of particulate, gas, and vapor respiratory hazards which may exist in their law enforcement activities.

3M™ Secure Click™ is our newest line of reusable respirators which provides 3M's next generation of comfort, breathability, and simplicity.

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# 3M<sup>™</sup> Secure Click<sup>™</sup> Full Facepiece Reusable Respirator FF-800 Series

Scan the QR code to learn more about Secure Click™
Full Facepiece
Respirators.



#### Speaking diaphragm

Designed to help provide easy communication

#### Unique filter connection

Snaps into place for intuitive assembly



Easy way to conduct seal check prior to each use



#### Large lens

Helps provide a wide view for excellent peripheral vision.

Scotchgard™ protector on lens for improved paint and stain resistance.

#### Comfort cradle

Positions respirator more comfortably on head, reducing pressure points and hair pulling

#### **Exhalation valve cover**

Helps direct exhaled breath and moisture downward



#### Hear it:

Secure Click<sup>™</sup> connection helps provide confidence that filters/cartridges are installed properly. Simply align the connections and push into place.



#### Feel it:

Experience the breathability and comfort provided by the world's first quad-flow gas and vapor filter/combination filter systems.



#### **Check it:**

Help increase law enforcement personnel confidence that the respirator is being worn properly with the easy, one-touch, user seal check.



#### Say it.

Utilize the speaking diaphragm to help provide easy communication.

# 3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800 Series

Scan the QR code to learn more about Secure Click™ Half Facepiece Respirators.





Designed to help provide easy communication

#### Unique filter connection

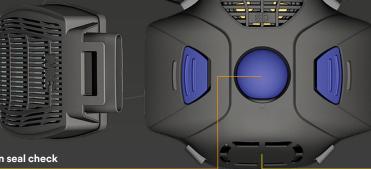
Snaps into place for intuitive assembly

# Silicone Flex-Joint Faceseal

Provides a softer feel for more comfort on the wearer's face.

#### **Easy-Adjust Buckle**

Simple two-way adjustability: pull straps to tighten, squeeze wings to loosen.



#### Push button seal check

Easy way to conduct seal check prior to each use



### Breathability

Dual-flow cartridge design allows for air to be pulled through both sides of the cartridge for easy breathing.

#### Exhalation valve cover

Helps direct exhaled breath and moisture downward

# 3M<sup>™</sup> Secure Click<sup>™</sup> Reusable Respiratory **Cartridges and Filters**

#### **Particulates**



D3091 - 3M™ Secure Click™ P100 **Particulate Filter** 



D9093 - 3M™ Secure Click™ Hard Case P100 **Particulate Filter** 

#### **Organic Vapors**



D8001 - 3M™ Secure Click<sup>™</sup> Organic Vapor Cartridge

#### **Multi-Gas and Vapors**



D8006 - 3M™ Secure Click™ Multi-Gas/ Vapor Cartridge

#### **Organic Vapors and Particulates**



D80921 - 3M™ Secure Click™ Organic Vapor Cartridge/Filter P100

#### Multi-Gas, Vapors, Particulates



D80926 - 3M™ Secure Click<sup>™</sup> Multi-Gas Vapor Cartridge/Filter P100

# Disposable Particulate Respirators

Increased illicit use of opioids, including synthetic opioids such as fentanyl and its analogue carfentanil, is a source of potential inhalation risk to law enforcement and first responders. Law enforcement officers may come into contact with fentanyl during the course of their daily activities such as traffic stops, apprehending and searching subjects, and responding to overdose calls. Personnel who also conduct

Scan the QR code to learn more about 3M Disposable Respirators.



investigations, evidence handling, special operations and decontamination are also exposed to these risks.

3M Disposable Respirators can help protect against low to moderate illicit drug exposure levels. For higher exposure levels, 3M Reusable Respirators and Powered Air Purifying Respirators can offer greater Assigned Protection Factors (APFs).

### General Purpose Disposable Respirators

- Reliable protection against a wide range of non-oily particulates
- Engineered to provide at least 95% filtration efficiency



#### Unvalved N95 Respirator (flat fold)

Braided headbands to help keep respirator securely in place and minimize pulling of hair.



3M™ Aura™ Particulate Respirator 9211+, N95

#### Valved N95 Respirator (flat fold)

Ideally suited for physically demanding work settings that require long periods of wear.

### 100 Class Disposable Respirators

- Highest rated NIOSH filtration efficiency
- Protection in oil and non-oil environments



#### P100 Respirator

Provides minimum filter efficiency of 99.97% against non-oil and oil-based particles.



#### N100 Respirator

Provides minimum filter efficiency of 99.97% against non-oil-based particles.

## Disposable Respirators with Nuisance **Level Organic Vapor Relief**







3M™ Particulate Respirator 8577, P95

#### Organic Vapors

Helps provide comfortable protection against nuisance levels\* of organic vapors such as solvents, degreasers and resins.

### Disposable Respirators with Nuisance Level Acid Gas Relief



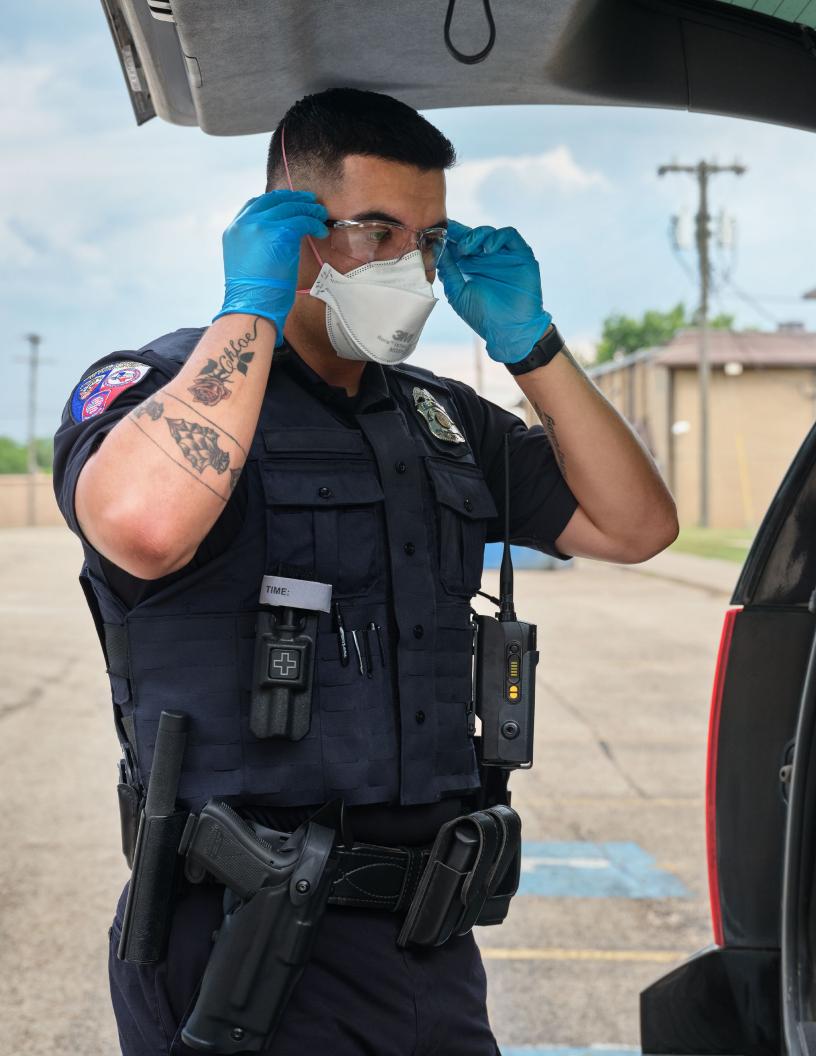




3M™ Particulate Respirator 8576, P95

#### **Acid Gases**

Helps protect against nuisance levels\* of acid gases such as sulfur dioxide, hydrogen fluoride and/or chlorine.





# **3M™** Eye Protection Features and Lens Colors

3M capabilities in protective eyewear include premium coating technology, evident in our proprietary 3M™ Scotchgard™ Protector Anti-Fog Coating. 3M™ Pressure Diffusion Temple Technology, adjustable ratchet temple designs, and a wide variety of lens colors to make eyewear effective and comfortable to wear for law enforcement applications.



#### 3M<sup>™</sup> Pressure Diffusion Temple Technology

Eyewear temples self-adjust to a wide range of head sizes, diffusing pressure over the ear and enhancing comfort.



# Adjustable Ratchet Temples

Adjusts the pantoscopic tilt of the lens to help accommodate cheek bone height and improve comfort and fit.



### \_3M<sup>™</sup> Scotchgard<sup>™</sup> Protector Anti-Fog Coating

Resists fog 11x longer and has 7x better anti-scratch performance than traditional 3M™ Anti-fog coatings.
Remains effective for up to 25 washings with water. Coating is tested to EN168 N & K for anti-fog and anti-scratch.



#### Foam Gasket

Helps limit eye exposure to debris but not as tight as a goggle.



#### Goggles

Designed to seal to the face. Can be splash/droplet, dust and/or fine dust rated.



#### CLEAR

Highest visual acuity and color recognition



#### **GRAY**

Reduces overall brightness of visible light



#### **POLARIZED**

Reduces overall brightness, glare and reflected light



#### VERMILLION

Helps improve visual acuity and contrast



#### **BROWN**

Reduces overall brightness, typically allowing color recognition



#### INDOOR/OUTDOOR

Slightly reduces overall brightness of visible light



#### **AMBER**

Increases contrast by filtering hazy and blue-colored light



#### INFRARED FILTERS

Reduces infrared radiation



#### ORANGE

Reduces blue light in specific applications, e.g., blue light curing



#### MIRRORED

Reflects light sources, helping reduce brightness



### BLUE

(excl. "sodium blue")

Reduces brightness and glare from yellow light sources. Not intended for use in glass blowing.



#### **PHOTOCHROMIC**

Darkens when exposed to UV light (outdoors) and lightens when UV light is reduced (indoors)

# 3M<sup>™</sup> Scotchgard<sup>™</sup> Protector Anti-Fog Coating

A fogged lens can be frustrating and dangerous. Removing eyewear to wipe away fog can expose eyes to potentially dangerous impact hazards and debris.

The 3M<sup>™</sup> Scotchgard<sup>™</sup> Protector Anti-Fog Coating, available in select 3M<sup>™</sup> Protective Eyewear models, can help users see clearly for longer, thanks to an active ingredient that bonds the coating to the lens.

# The science behind 3M<sup>™</sup> Scotchgard<sup>™</sup> Protector Anti-Fog Coating Technology



Microscopic water droplets bead up, forming condensation and fog, which obscure vision. Reduced contact angle flattens water beads into a thin, transparent film that allows light to pass through.

#### The facts are clear.

- 3M<sup>™</sup> Scotchgard<sup>™</sup> Anti-Fog/Anti-Scratch Protector Coating resists fog 11x longer and has 7x better anti-scratch performance than traditional 3M<sup>™</sup> Antifog coatings, up to 25 washings with water.\*
- Helps provide scratch resistance in tough work environments.
- Designed for working in challenging situations, such as hot and humid conditions, indoor/outdoor work, and physically demanding tasks
- Users can feel confident wearing 3M eye protection that meets the Anti-Fog Performance (X) requirements of the ANSI/ISEA Z87.1-2020 Standard.

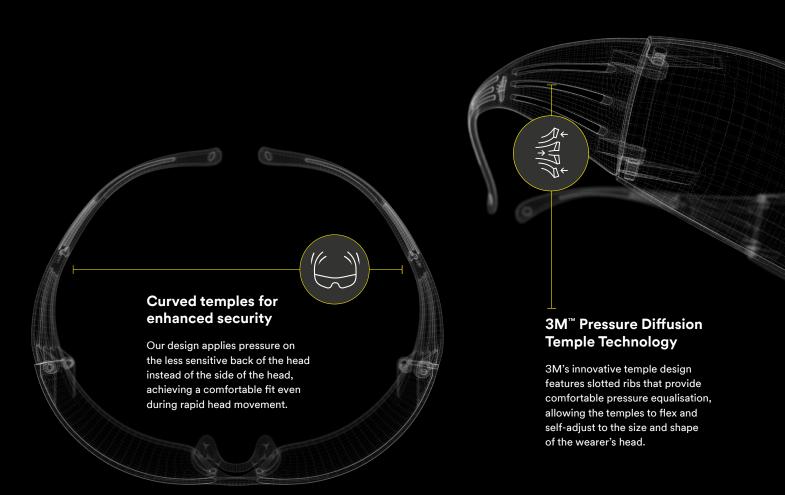


# 3M<sup>™</sup> Pressure Diffusion Temple Technology

We collected data on head and face shapes around the world to develop a patented design that self-adjusts to individual head sizes. This design provides the same level of comfort to individuals across a diverse workforce.

Regardless of head size, from small heads to large heads, our 3M<sup>™</sup> Pressure Diffusion Temple Technology is designed to provide a secure and comfortable fit for an extended period of wear time.

### Designed to perform.



# 3M<sup>™</sup> SecureFit<sup>™</sup> Protective **Eyewear 500 Series**

Scan the QR code to learn more about SecureFit™ 500 Series.



3M™ SecureFit™ 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. The flat and flexible temple design combines well with 3M™ PELTOR™ Hearing and Communications equipment. A variety of lens tints and models with 3M™ Scotchgard™ Protector Anti-Fog/Anti-Scratch coating are offered.

#### **Adjustable Ratcheting Temples**

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

#### 3M™ Pressure Diffusion Temple Technology

Provides a softer feel for more comfort on the wearer's face.

#### **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.



#### **Optional Removable Foam-Lined Gasket**

Helps limit eye exposure to dust and debris while providing added comfort and cushioning.

## Scotchgard 3M™ Scotchgard™ Protector Anti-Fog/Anti-Scratch Coating (select models)

- 3M™ Scotchgard™ Anti-Fog/Anti-Scratch Protector Coating resists fog 11x longer and has 7x better anti-scratch performance than traditional 3M™ Anti-fog coatings, up to 25 washings with water.\*
- 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.



SF501SGAF-BLK



SF502SGAF-BLK



SF507SGAF-BLK



SF505SGAF-DGR



SF528SGAF-DGR

Firearms Training

# 3M<sup>™</sup> SecureFit<sup>™</sup> Protective Eyewear 3700 Series

Scan the QR code to learn more about SecureFit™ 3700 Series.

3M™ Pressure Diffusion Temple Technlogy



Get over-the-glass protection and all-day wearability with 3M™ SecureFit™ Protective Eyewear 3700 Series. Ratchet temples provide five adjustment points to help create a secure and personalized fit, allowing the user to adjust lens for facial features and eyeglass position. Enjoy all day comfort with a soft nose piece and 3M's innovative SecureFit™ Pressure Diffusion Temple technology design features with slotted ribs that provide comfortable pressure equalization, allowing the temples to flex and self-adjust to the size of the wearer's head. Lightweight design, weighing less than 48 oz, accommodates most prescription eyewear. Available in multiple frame colors, lens colors, and lens coatings for your law enforcement application needs.

#### **Adjustable Ratcheting Temples**

Allows operators to adjust lens for facial features and eyeglass position.

#### 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.

### 3M™ Scotchgard™ Protector Anti-Fog/Anti-Scratch Coating (select models)

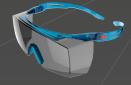
- Resist fogging longer than traditional anti-fog coating, up to 25 washings with water\* (select models).
- Helps provide durable scratch resistance in tough work environments.
- Meets Anti-Fog Performance (X) requirements of the ANSI/ISEA Z87.1-2020 Standard.

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

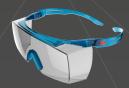








SF3702SGAF-BLU



SF3707SGAF-BLU

SWAT

Standard.

Firearms Training

Dept. of Corrections

Evidence Response Team

# 3M<sup>™</sup> Solus<sup>™</sup> Protective Eyewear 1000 Series

Scan the QR code to learn more about Solus™ 1000 Series.

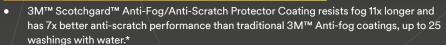


The 3M<sup>™</sup> Solus<sup>™</sup> Protective Eyewear 1000 Series feature a sporty low profile and are available in several lens tints with 3M<sup>™</sup> Scotchgard<sup>™</sup> Protector Anti-Fog / Anti-Scratch Coating. A versatile platform that can be configured with temples or straps. Removable temples are a convenient way to switch between temples and straps. Sold as an individual eye protection model or kit models with a gasket and elastic strap to help address exposure to dust and dirt.

### **Optional Removable Foam-Lined Gasket** Removable padded temples with optional elastic strap/ Helps limit eye exposure to nuisance dust while providing added comfort headband. (Select Models) and cushioning. (Select Models) **Polycarbonate Lenses** U6 rated polycarbonate lenses absorb 99.9% of UVA, UVB, and UVC rays between 200nm and 300nm. Meets the Impact-Rated Protector requirements of ANSI/ISEA Z87.1-2020

### 3M™ Scotchgard™

Protector Anti-Fog/Anti-Scratch (select models)



Scotchgard

- 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.



Firearms Training

# 3M<sup>™</sup> Maxim<sup>™</sup> Elite Protective Eyewear 1000 Series

Scan the QR code to learn more about Maxim™ Elite 1000 Series.



3M<sup>™</sup> Maxim Elite 1000 Series offers performance-based eye protection in a full frame design. The frame features an injected molded coating for durability while also making it soft to touch. Choose from clear, gray, blue mirror, or indoor/outdoor gray lens tints to help you focus on your operations instead of brightness and glare.

Lightweight rubber painted matte frame with embossed 3M logo

Stylish wrap - around lens design



# 3M™ Scotchgard™ Protector Anti-Fog/Anti-Scratch Coating (select models)

- 3M<sup>™</sup> Scotchgard<sup>™</sup> Anti-Fog/Anti-Scratch Protector Coating resists fog 11x longer and has 7x better anti-scratch performance than traditional 3M<sup>™</sup> Anti-fog coatings, up to 25 washings with water.\*
- 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.

#### **Polycarbonate Lenses**

- U6 rated polycarbonate lenses absorb 99.9% of UVA, UVB, and UVC rays between 200nm and 300nm.
- Meets the Impact-Rated Protector requirements of ANSI/ISEA Z87.1-2020 Standard.



MXE1001SGAF-BLK



MXE1002SGAF-BLK



MXE1029AF-BLK



MXE1007SGAF-BLK

# 3M<sup>™</sup> GoggleGear<sup>™</sup> Protective Goggle 500 Series

Scan the QR code to learn more about GoggleGear™ 500 Series.



Designed to provide impact or splash protection, 3M<sup>™</sup> GoggleGear<sup>™</sup> 500 Series offers a low-profile design with an adjustable strap, indirect ventilation, and 3M<sup>™</sup> Scotchgard<sup>™</sup>

Protector Anti-Fog/Anti-Scratch Coating to provide fog and abrasion resistance.

Choose from clear lens for highest visual acuity and color recognition, or a gray lens to reduce overall brightness of visible light, to help you focus on your operations.

Can be easily disassembled

for cleaning or replacement

#### Removable Lens

#### Ventilation

 Indirect ventilation to help reduce fogging and minimize water vapor on inside of goggle

# Adjustable and removable elastic straps

- Available in cloth or neoprene straps
- Easy-to-remove elastic strap for washing or replacement

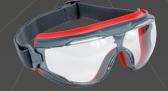
#### **Polycarbonate Lenses**

- U6 rated polycarbonate lenses absorb 99.9% of UVA, UVB, and UVC rays between 200nm and 300nm.
- Meets the Impact-Rated Protector requirements of ANSI/ISEA Z87.1-2020 Standard. Rated to D3 for Splash/ Droplet and D4 for Dust.

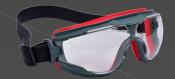
3M™ Scotchgard™ Protector
Anti-Fog/Anti-Scratch Coating (select models)

- 3M™ Scotchgard™ Anti-Fog/Anti-Scratch Protector Coating resists fog 11x longer and has 7x better anti-scratch performance than traditional 3M™ Anti-fog coatings, up to 25 washings with water.\*
- 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.







GG501NSGAF



GG502SGAF





# **3M<sup>™</sup> Protective Apparel**

Suited for harsh conditions and hazardous environments.

Scan the QR code to learn more about 3M™ Coveralls.





### 3M™ Protective Coverall 4510

- Anti-static treatment can help reduce static build-up.
- Two-way zipper with sealable storm flap helps provide additional protection against contaminants.
- Constructed from microporous PE laminate material for Type 5 and 6 protection that does not contain silicone or natural rubber latex components.

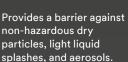
#### Certification:













Suitable for law enforcement professionals during investigations or when processing crime scenes.



### 3M™ Protective Coverall 4565

- Anti-static treatment can help reduce static build-up.
- Constructed from microporous PE laminate material for Type 4, 5 and 6 protection.
- Made from a soft lightweight fabric with taped seams, providing a very good barrier to hazardous particles and limited liquid splash and spray.

#### Certification:





solvents.



Provides protection against a

range of hazardous chemicals,

including acids, alkalis, and

Suitable for law enforcement

professionals during

investigations or when

processing crime scenes.





3M™ Protective

and the risk of sparks.

Coverall 4570

with gloves.

Certification:





• Anti-static coating reduces static discharge

Integrated double storm flap system with

large ring pulls for easy taking on and off

protection against a wide range of hazards

while also being breathable and comfortable

• Laminated fabric provides excellent

• Provides Type 3, 4, 5 and 6 protection.











Provides protection against a range of hazardous materials, including chemicals, biological agents, and radioactive particles.



Suitable for law enforcement professionals during investigations or when processing crime scenes.



### Materials and design:

Product	Color options	Suit material	Fabric weight	Coating	Storm flaps	Cuffs	Reinforced Gusset	Hood design	Seams type
4510	White	PE laminate	47 gsm	Anti-static	Basic flap	Elastic	No	2-panel	Stitched & partially bound
4565	White with red taped seams	Multi-layer PE laminate	92 gsm	Anti-static	Double flap, double zip	Elastic with thumb loops	No	3-panel	Taped
4570	Gray	Multi-layer PE laminate	92 gsm	Anti-static	Double flap, double zip	Elastic with thumb loops	No	3-panel	Taped

#### **Hearing Protection**

#### **AWARNING**

These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury. For correct use, consult supervisor and User Instructions, or call 3M PSD Technical Service in the USA at 1-800-665-2942 (Communications) and 1-800-243-4630 (Hearing).

#### **WARNING**

U.S. EPA specifies the NRR as the measure of hearing protector noise reduction. However, 3M makes no warranties as to the suitability of the NRR for this purpose. 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label values. It is recommended that the NRR be reduced by 50% to better estimate typical protection.

#### Eye Protection

#### **AWARNING**

These eye or face protection products help provide limited eye and face protection. Misuse or failure to follow warnings and instructions may result in serious potential injury, including blindness or death. For proper use, selection and applications against flying particles, optical radiation and/or splash see supervisor, read User Instructions and warning on the package or call 3M PSD Technical Service in the USA at 1-800-243-4630. In Canada, call 1-800-267-4414. 3M PSD products are for occupational use only.

#### **Respiratory Protection**

#### **AWARNING**

These respirators help to protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as 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 applicable jurisdiction, as appropriate. Improper use may result in sickness or death. For correct use, see supervisor and User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

Ensure hearing protectors are properly selected, fit, adjusted, and maintained. Improper fit may reduce its effectiveness in attenuating noise. When additional personal protective equipment is necessary, select low-profile straps and flat, flexible eyewear temples to minimize interference with the earmuff cushions.

3M strongly recommends personal fit testing of hearing protectors with eyewear and other PPE in place. Users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, interference of temples and/or straps with earmuff cushions, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced to better estimate typical protection.

When selecting a respirator, an appropriate fit test must be performed to ensure the correct respirator facepiece size has been selected.

Follow all local regulations on how to select and assess the adequacy of hearing protection options for your environment. Hearing protector fit testing to determine a PAR can be a useful tool to understand the actual amount of attenuation individuals can achieve based on their selected hearing protection and personal fit. It can also be used as a tool to aid in training users on proper fitting techniques.

#### **Product Selection and Use:**

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable national and/or European regulations and standards. Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty: Warranty conditions for 3M products are determined with the sales contract documents and with the mandatory and applicable clause, excluding any other warranty or compensation.

For industrial/occupational use only. Not for consumer sale or use.



3M Personal Safety Division

St. Paul, MN 55144-1000

3M Center, Building 235-2NW-70

PSD products are occupational use only.
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