

3M Science.
Applied to Life.™

Personal Safety Division
Safety Solutions for Law Enforcement



**You Protect Us.
We Protect You.**



We strive to set the standard for confidence and trust in protective gear by providing rugged and reliable equipment. Today, thousands within the Department of Defense, Department of Justice, Department of Homeland Security, across US State and local agencies are protected with 3M solutions.

Fueled by 3M innovation & technology – our protection solutions are designed to meet or exceed the unique protection requirements for law enforcement. Our extensive R&D and “voice of customer” have led to integrated solutions that are comfortable to wear for extended periods and help improve overall mission safety.

You protect us. And we thank you by committing to continue designing and supplying protective equipment that helps protect you.

Solutions for Special Response Teams



- Counter-Terrorism • Hostage Rescue • Sniper Teams
- Serving High-Risk Arrest Warrants • Narcotics Search, Sweep, and Seizure
- Engagement with Heavily Armed Subjects

3M™ Ultra Light Weight (ULW) Helmet

Special operations helmet engineered to provide outstanding ballistic and bump head protection – while reducing weight for improved mobility.



- Ballistic, NIJ-III A Helmet
- Ultra-High Molecular Weight Polyethylene (UHMWPE) composite solution
- 1.26lb Finished Shell Weight (Size Large)
- Tactical “High Cut” Style
- 3 Sizes (M/L/XL)
- Comes Standard with:
 - Boltless Accessory Rails with removable Picatinny Adapter and provisions for NVG Counterweight and O2 Mask
 - NVG Shroud with Bungee Cords
- Blunt Impact with D3O Trust Pad System: tested and evaluated to DOT&E protocol in accordance with AR/PD 10-02 Rev A (Latest version)
- Boltless, Cam-Lock Adjustable, Quick Release Retention System
 - New 3M Boltless X-Back
 - Boltless Dial Adjustable System
- 3 Color Options
- Hook & Loop Appliqué available
- NVG Counterweight
- PELTOR ARC Compatible



Ballistic: Tested in accordance to NIJ Standard 0106.01 for Ballistic Helmets to the following NIJ 0108.01 IIIA Ballistic Resistance
9mm FMJ - 124gr – 1400-1450 f/s - (Vo)
.44 Magnum - 240gr – 1400-1450 f/s - (Vo)
Ballistic Fragmentation: Tested in accordance to STANAG 2920
.22 Caliber - 17 gr f/s V-50 >670 m/s

3M™ Combat High Cut Ballistic Helmet

Proven, tactical helmet designed to provide multiple levels of head protection for special response operations.



- Thermoplastic Aramid and Glass Fabric Composite Solution
- 2.4lb Finished Shell Weight (Size Large)
- Tactical “High Cut” Style
- 4 Sizes (S/M/L/XL)
- Modular, Configurable:
 - Accessory Rails
 - NVG Shroud
- Blunt Impact with D3O Trust Pad System: tested and evaluated to DOT&E protocol in accordance with AR/PD 10-02 Rev A (Latest version)
- Quick Release Retention System
 - X-Back
 - Dial Adjustable System
- 3 Color Options
- Hook & Loop Appliqué available
- PELTOR ARC Compatible



Ballistic: Tested in accordance to NIJ Standard 0106.01 for Ballistic Helmets to the following NIJ 0108.01 IIIA Ballistic Resistance

9mm FMJ - 124gr – 1400-1450 f/s - (Vo)

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Ballistic Fragmentation: Tested in accordance to STANAG 2920

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3M™ PELTOR™ SWAT-TAC™ Series Tactical Communication and Hearing Protection Headsets

3M™ PELTOR™ protective communication headset solutions for today's modern operator have been designed for use in special team operations, specifically for use with firearms, ballistic helmets, and common tactical radios

- Environmental Listening: (aka: "Talk-Through")
- Steady-State and Impulse Noise Protection
- Two-Way Radio Communications
- Hearing Defender, Single, and DUAL COMM Configurations
- Noise-canceling boom mic (that can be mounted on either left or right side by operator)
- Boom angled to minimize interference with helmet and peripheral vision
- 2 AAA Batteries that provide +400 hours of battery life
- Fail safe Rx/Tx communication mode if batteries deplete during mission
- Optional Gel Ear Cushions
- Multiple Color Options
- Suspension: Headband, Back-band and Rail Attachment



Single Button PTT:
Motorola XTS, APX, HT Series



PELTOR™

Noise Reduction Ratings (NRR) ANSI S3.19-1974

- COMTAC 3 (Headband version, standard foam cushion): NRR 23db
- COMTAC 3 (Back Band version, standard foam ear cushion): NRR 22db

Impulse Noise Protection Tested at 168db in accordance to ANSI S12.42-2010

Environmental: MIL-STD-810F, Department of Defense Test Method Standard for Environmental Engineering Considerations and Laboratory Tests

3M™ PELTOR™ ARC Integrated System



- Heat Relief
 - The ability to have an “open” position of the headset allows the user to ventilate in high heat environments but can still monitor communications in low noise environments
- Removed Pressure Points
 - Removal of headset band and optional eyewear goggle strap eliminates known pressure points
- Stability & Balance
 - In the “closed” position, the ear cups will compress against the head providing additional stability for full head movement
- Easy Donning/Doffing
 - In the “open” position, the operator can easily don/doff the helmet/headset, and adjust for proper fit

PELTOR ARC Configuration

Tested with the 3M™ Combat Ballistic High Cut Helmet:

- NRR (Noise Reduction Rating) 22 NRR

ANSI S3.19-1974

Headset noise attenuation may be reduced when worn with other equipment that prevents head to cushion contact.

3M Solus™ 1000 Series Protective Eyewear

Scotchgard™ Anti-Fog Coating Technology brings higher performance to safety eyewear. A fogged lens can be dangerous. Removing eyewear to wipe away fog is unacceptable in most special operations. Scotchgard™ Anti-Fog Coating resists fogging longer than traditional anti-fog coatings, even after washing multiple times.



- Scotchgard Anti-Fog coating resists fogging longer than traditional anti-fog coatings - Based on 3M internal testing per EN168 test method when compared to traditional anti-fog coatings.
- The coating retains its effectiveness for at least 25 washings with water.
- The coating withstands disinfection with diluted bleach soaking or alcohol wipes without losing its anti-fog performance.
- Clear, Grey, Amber lenses available
- Modular eye protection system that can easily convert from spectacle to hybrid goggle



Meets the requirements of ANSI Z87.1
Remains fog-free for multiple 60 second cycles when tested according to EN 166/168

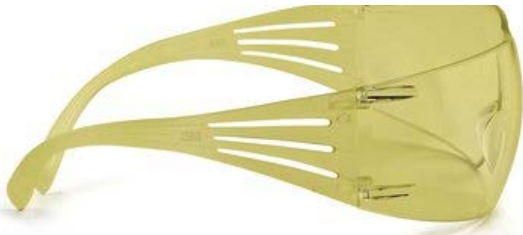
3M™ Securefit™ Protective Eyewear

3M™ SecureFit Protective Eyewear naturally adjusts the temples to individual head sizes for a customized fit to each person. This self-adjusting feature is possible through 3M's proprietary Pressure Diffusion Temple Technology, a new design with no moving parts and nothing to adjust.

Designed to diffuse pressure over the ears, the glasses automatically adjust to the head and facial features of the wearer. Weighing less than 1 ounce, the durable, snug-fitting, flexible nature of SecureFit offers a more comfortable and personal fit than old-fashion "one-size-fits-all" glasses that are rigid and unyielding in design.

These glasses adapt to the wearer, rather than the other way around. The snug fit also keeps the glasses securely in place as the wearer looks up and down or side to side, eliminating the need for frequent repositioning of the glasses due to head movement.

- Anti-fog coating helps keep lenses free of moisture in hot and humid conditions.
- Clear, Grey, Amber Lenses Available



3M™ Smart Lens™ Photochromic Protective Eyewear

Photochromic Smart Lens protective eyewear features transitional, abrasion-resistant polycarbonate lenses, a soft adjustable nose bridge, nylon brow and magnesium alloy spring-hinged temple for a flexible fit.



Transition from light to dark takes less than 20 seconds (allowing just 22% light transmission), and dark to light takes less than 3 minutes (allowing 77.5% light transmission).



3M™ Maxim 2X2™ Tactical Safety Goggle

Lightweight air seal goggle to help protect from sun, wind, dust and flying debris, while incorporating top and bottom venting to help reduce fog and heat. Its dual-lens design enhances sightline and field of vision.



- Air seal provides comfort, protection, and impact absorption.
- Includes interchangeable temples and elastic strap, clear, gray and amber lenses with anti-fog coating, and a padded case.
- Choice of elastic strap for a secure fit or flexible fit temples
- Meets the Requirements of ANSI Z87.1
- Meets Military Vo Regimen for High Velocity Impact Protection*

Meets the Requirements of ANSI Z87.1

*Meets Military Vo Regimen for High Velocity Impact to MIL-PRF-31013

3M Qx™ Protective Eyewear

Wraparound design and seamless coverage, QX protective eyewear delivers distortion-free vision with peripheral clarity.



- Interchangeable Clear and Grey lens
- Black temple
- 3M™ DX™/Anti-fog Hard Coat
- Meets the Requirements of ANSI Z87.1
- Meets Military Vo Regimen for High Velocity Impact Protection*

Meets the Requirements of ANSI Z87.1

*Meets Military Vo Regimen for High Velocity Impact to MIL-PRF-31013



Solutions for Critical Response

- Active Shooter Response • High-Visibility Law Enforcement Presence • Mobile Field Force
- Crowd Control and Dispersal • Mass-Arrest • Security Operations • Protecting Critical Facilities

3M™ Combat Ballistic Helmet

The Combat Ballistic Helmet is a multi-purpose helmet that will support various critical response operations that require ballistic and blunt impact protection. Today's law enforcement needs to be prepared for mobile field force operations, active shooter situations, and provide security during high terrorism threat levels.

To support these various operations and protect from the unique threats they present, 3M's Combat helmet is tested to 3 levels of protection: Ballistic, Ballistic Fragmentation and Blunt Impact.



- Thermoplastic Aramid and Glass Fabric Composite Solution
- 2.75lb Finished Shell Weight (Size Large)
- Full Cut, "MICH" Style Helmet
- 4 Sizes (S/M/L/XL)
- Blunt Impact with D3O Trust Pad System: tested and evaluated to DOT&E protocol in accordance with AR/PD 10-02 Rev A (Latest version)
- Quick Release Retention System
 - X-Back
 - Dial Adjustable System
- 3 Color Options
- Field Mounted Face shield

Ballistic: Tested in accordance to NIJ Standard 0106.01 for Ballistic Helmets to the following NIJ 0108.01 IIIA Ballistic Resistance

9mm FMJ - 124gr – 1400-1450 f/s - (V0)

.44 Magnum - 240gr – 1400-1450 f/s - (V0)

Ballistic Fragmentation: Tested in accordance to STANAG 2920

.22 Caliber - 17 gr f/s V-50 >650 m/s

3M™ BA3A Ballistic Helmet

3M™ BA3A-TC Ballistic Helmet



- Thermoplastic Aramid and Glass Fabric Composite Solution
- Single Sized solutions:
 - Adjustable, universal harness fit system to it fits range of head sizes
 - Range 6 3/4" to 7 7/8" - accommodates XS to XL
- PASGT and MICH Styles
- Field Mounted Face Shields
 - DK6H.150-6 FM Short - designed to accommodate the use of a gas mask
 - DK6H.150-8FM Long

Ballistic: Tested in accordance to NIJ Standard 0106.01 for Ballistic Helmets to the following NIJ 0108.01 IIIA Ballistic Resistance

9mm FMJ - 124gr – 1400-1450 f/s - (V0)

.44 Magnum - 240gr – 1400-1450 f/s - (V0)

3M™ Full Facepiece Reusable Respirator FR-7800B CBRN



The 7800B with FR-15-CBRN canister is a Full Face Respirator system approved to NIOSH Chemical Biological Radiological Nuclear (CBRN) requirements – designed for first responder applications commonly found in law enforcement and emergency response environments.

The system has been tested against a number of different chemical warfare agents and industrial chemicals. The canister contains a P100 filter to remove solid and liquid aerosols including biological and radiological particles. It also contains activated and treated carbon to absorb or react with gases and liquid vapors.



- Lens meets ANSI Z87+ 2003 standard
- Exhalation valve cover to help protect the valve against agents
- Prescription insert capable
- Lens tint covers available

Certified by NIOSH for CBRN applications with: FR-15-CBRN Canister for Chemical, Biological, Radiological and Nuclear (CBRN) applications

Certified by NIOSH for CN, CS, P100 with CP3N Canister

3M™ DBA-IV Body Armor



- NIJ Level IV Personal Body Armor
- Designed for protection and comfort
- Triple curve shape makes for optimum fit
- Chamfered at shoulders
- 11.8"H x 10"W x 1"D;
- 7.9 lbs (Shoulder Cut)
- 8.3lbs (Full Plate)
- Molle Plate Carrier Vests available

3M™ Safety Sun wear

Affordable protective sun wear for patrol and support operations.



Comes with removable foam gasket



*Comes with removable foam gasket
Polarized Lens available*



- Dark Lenses and frames
- Multiple lightweight frame styles
- Polycarbonate lenses absorb 99.9% UV
- Anti-scratch/Anti-fog Coating



Solutions for Coordination, Support, and Training

3M™ PELTOR™ Lite-Com Pro II Integrated Two-Way Radio and Hearing Protection Headset



Intrinsically Safe and Programmable

The 3M™ PELTOR™ Lite-Com Pro II Headset radio offers hands-free, inter-team communications. The headset is designed to provide clear communications in high noise environments with environmental mics for improved auditory situational awareness.

- Environmental Listening: (aka: “Talk-Through”)
- Steady-State and Impulse Noise Protection
- UHF two-way radio circuitry integrated into the headset
- Ghost voice menu prompts for easy mode selections
- Up to 30 programmable channels in the 403-470 MHz band
- Programmable CTCSS sub-channels
- Push-to-Talk (PTT) or hands-free Voice-Activated (VOX) transmit functions
- Rechargeable lithium-ion battery included with headset purchase
- FCC Narrow band mandate compliant
- Intrinsically safe, Class I, II, III, Division 1, applicable Groups A through G, T4, -20° C ≤ Ta ≤ 50° C;
- Intrinsically safe, Class I, Zone 0, AEx ia IIC, T4, -20° C ≤ Ta ≤ 50° C, hazardous (classified) locations.

PELTOR™

Noise Reduction Ratings (NRR) 25db (Headband) 26dB (Back Band) ANSI S3.19-1974

Intrinsically Safe Design—Factory Mutual (FM) Approvals certified intrinsically safe

This device complies with part 15 of the FCC Rules.

3M™ PELTOR™ TEP-100 Tactical Ear Plugs

Level-dependent hearing protection for improved auditory situational awareness.



- Rechargeable: Charging contacts recharge the unit while in the case. Li-ion battery provides up to 16 hours of continuous operation
- Button: Intuitive one-button operation turns unit on, off, and selects volume settings (2)
- Waterproof (IP67)
- Attachment point for optional earpiece retention cord. (included)
- Portable Charging Compartment: Up to 16 charges from 3 AA alkaline batteries
- Retention Cord Storage Posts: Provides convenient and tangle-free storage for earplug retention cord
- Micro B USB Charging Port: USB port charge

PELTOR™

Noise Reduction Ratings (NRR) ANSI S3.19-1974

- Ultrafit™ Eartip: NRR 23db
- Skull Screw™ Eartip: NRR 30db


3M™ PELTOR™ Tactical Sport



The Tactical Sport Hearing Protector electronic earmuff uses proprietary integrated circuit technology for a refined audio reproduction. It gives users fast shutoff and recovery time while helping protect hearing from harmful impulse noises, such as gunfire. Sound amplification allows the user to hear low-level sounds, including range commands and conversation.

- Audio jack for external components such as cell phones, MP3 players and dog trackers
- External battery compartment for convenient access
- 2 AAA batteries for up to 500 hours of battery life
- Auto shutoff feature
- Designed for all-day comfort
- Ergonomically designed, contoured ear cups

PELTOR™

	<p>⚠WARNING</p> <p>Respiratory Products</p>
	<p>These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the <i>User Instructions</i> provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including, but not limited to, training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For proper use, see packaging instructions, supervisor, or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414.</p>
	<p>⚠WARNING</p>
	<p>Eye and Face Products</p> <p>These eye and face protection products help provide limited eye and face protection. Misuse or failure to follow warnings and <i>User Instructions</i> 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 <i>User Instructions</i> and warnings on the package or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414.</p>
	<p>⚠WARNING</p>
	<p>Hearing Protection Products*</p> <p>Caution: When worn according to the User Instructions, this hearing protector helps reduce exposure to both continuous noises, such as industrial noises and noises from vehicles and aircraft, as well as very loud impulse noises, such as gunfire. It is difficult to predict the required and/or actual hearing protection obtained during exposure to impulse noises. For gunfire, the weapon type, number of rounds fired, proper selection, fit and use of hearing protection, proper care of hearing protection, and other variables will impact performance. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, your hearing may be at risk. To learn more about hearing protection for impulse noise, visit www.3M.com/hearing.</p> <p>Choking Hazard—Keep away from infants and small children. 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 proper use, see supervisor, <i>User Instructions</i>, or call 3M PSD Technical Service in the USA at 800-243-4630. In Canada, call Technical Service at 800-267-4414. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing earplugs. Failure to do so may result in hearing loss or injury.</p>

WARNING

Helmets and Armor Manufactured by Ceradyne Inc., a 3M company.

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For more information:
In U.S.
Technical Assistance 1-800-243-4630
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Technical Assistance 1-800-267-4414
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