



Your First Response is Critical

Planning. Protection. Peace of Mind.

We don't know when, where or what the next emergency will be, but we know it will occur. And we don't know if it will be an act of nature or at the hand of man. Personnel who are on the front line of response, cleanup and relief need the best training, overall readiness and the best equipment to do their job. 3M products and services are a vital component of homeland security preparedness and operations all around the world. We supply a wide variety of products and services such as respirators, including specialized respirators for Chemical, Biological, Radiological, Nuclear (CBRN) applications, protective eyewear, hearing protection products, sorbents and a range of services for training, staffing and supply management. Let 3M help you be ready for when you are called to respond.

3M™ Respiratory Protection

3M™ Tight Fitting PAPR Systems for Negative and Positive Pressure CBRN Applications

The National Institute for Occupational Safety and Health (NIOSH) approved 3M™ Breathe Easy™ RBE Tight Fitting Powered Air Purifying Respirator (PAPR) Systems for Chemical, Biological, Radiological and Nuclear (CBRN) applications. Four PAPR assemblies combined with your choice of two comfortable and effective tight fitting facepieces as well as other options make these systems the smart choice for first responders, law enforcement and security personnel.

Key Benefits:

- These facepieces were designed for CBRN negative pressure applications when used with the 3M™ Canister FR-15-CBRN or 3M™ Canister CP3N
- Approved to NIOSH CBRN Tight Fitting PAPR Standards. Can be used for escape above Immediately Dangerous to Life or Health (IDLH) when oxygen concentrations are at least 19.5%
- 3M™ Canister RBE-40 meets NIOSH CBRN “Cap 1” requirements for chemical test agents and provides high efficiency particulate filtration (99.97%)
- Effective training with bright red training cartridges allow easy, ongoing and affordable training
- 3M™ Duffle Bag RBE-DFL provides better protection during storage and transit
- Continuously filtered airflow for greater comfort and user confidence
- Choice of batteries. Select a Lithium non-rechargeable battery with up to 12 hours of use* or a rechargeable NiMH battery with up to 8 hours of use with 90% recharge in 2 hours*
- Can be cleaned/decontaminated after use. Canister and battery must be covered for showering. Components cannot be submerged in water
- Lightweight and comfortable promoting less-restricted movement and longer wear time

* Battery duration will vary depending on the age of cells, temperature and filter loading.



FR-7800B

FR-M40B



FR-15-CBRN



CP3N



RBE-CM7



RBE-SC



RBE-CM4



RBE with



or



NMV



RBE with



or



NMB

⚠ WARNING!



These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the *User Instructions* provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in sickness or death.** For proper use, see packaging instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

⚠ WARNING! See respirator warning in brochure.

All 3M Safety Products in this catalog must be used in accordance with OSHA regulations and the *User Instructions*, warnings and limitations accompanying each product.

3M™ Respiratory Protection for CBRN Applications

3M™ Breathe Easy™ (RBE) Powered Air Purifying Respirator (PAPR) System for Responders

These National Institute for Occupational Safety and Health (NIOSH) approved powered air purifying respirator systems help provide protection against Chemical, Biological, Radiological and Nuclear (CBRN) particulates, gases and vapors. Uniquely designed for first responder, first receiver and public health professionals.



3M™ Breathe Easy™ (RBE)
for Responders PAPR Systems RBE-L10 and RBE-NM10

- Approved to NIOSH CBRN Loose-Fitting PAPR Standard
 - 3M™ Cartridge RBE-57 meets NIOSH CBRN “Cap 1” requirements against agent tests and high efficiency particulate; high efficiency particulate filtration (99.97%)
 - Lightweight, one size butyl rubber hood provides a wide field of vision, no fit test requirements and ability to use with eye glasses and limited facial hair
 - Continuously filtered airflow for maximum comfort to help workers focus on their jobs for longer periods
 - System functions with two battery options:
 - Lithium Battery non-rechargeable – up to 12 hours of use*
 - NiMH Battery – up to 8 hours of use and 90% charged in 2 hours*
 - 3M duffel bag safely stores the system in one place and allows for quick access in an emergency
 - 3M’s unmatched customer service and technological expertise offer customers peace of mind
- * Battery duration will vary depending on the age of cells, temperature and filter loading

To convert your 3M™ Breathe Easy™ PAPR System to a NIOSH CBRN-approved system:

- Make sure that you have either a FR-57L10 or FR-57N10 system. Other systems cannot be converted.
- If you have Battery Pack 520-01-15R01 NiCd, replace it with Battery Pack BP-15 NiMH and Smart Battery Charger BC-210

Optional Accessories



3M™ Communication Device RBE-CM7



3M™ Communication Device RBE-CMH



3M™ Shower Cover RBE-SC



FR-57L10 or FR-57N10

RBE-HUP

⚠ WARNING! See respirator warning in brochure.

3M™ Respiratory Protection continued

3M™ Filtering Facepiece Respirators

3M Healthcare Particulate Respirator and Surgical Masks

Provide reliable respiratory protection for the wearer as well as fluid resistance to splash and spatter of blood and other infectious materials. When worn properly and in combination with protective eyewear, these respirators help you comply with the OSHA Bloodborne Pathogens Standard. They also provide >99% BFE against wearer generated micro-organisms (determined by the modified Greene and Vesley method). They are all NIOSH 42 CFR 84 approved and include the following features:

- Fluid and splash-resistant
- NIOSH N95 certified
- FDA cleared for surgical use
- Cup style or flat-fold



Other Occupational N95 Respirators

Workers want respirators that are comfortable, lightweight and convenient. 3M developed the first filtering facepiece respirator to receive NIOSH approval in 1972. We have created numerous patented technologies that have been incorporated throughout our products. Today, our extensive family of respirators offers a full range of comfort, convenience and value. They are all NIOSH 42 CFR 84 approved and include the following features:

- Lightweight and comfortable
- Adjustable noseclips
- Variety of strap types
- Variety of strap attachments
- Soft inner materials
- Compatible with most eye and hearing protection



8210



8511



9211
Available without valve as 9210



8670F



8612F

For Use By the General Public in Public Health Medical Emergencies, FDA Cleared.

3M™ Half and Full Facepiece Respirators

3M respirators offer comfort, convenience, flexibility and effectiveness... just what you'd expect from an industry leader. Our facepieces with choice of filters help provide wearers the protection needed for many different emergency situations.

These facepieces have the following features:

- Available in small, medium, and large sizes
- Various filter cartridges available
- Have drop down capabilities for half face models
- Compatible with 3M's line of cartridges and filters



6000 Full Facepiece



7500



7093 Cartridge



6000 Half Facepiece

⚠ WARNING! See respirator warning in brochure.

Peltor™ Communication



SwatTac™ A-C-H Tactical Headset

Specially designed to fit under most Kevlar™ helmets. Peltor's next generation tactical headset, based off the field-proven SwatTac™ Headset, this new headset offers improvements such as:

- Slimmer cup profile will not interfere with aim/sight for better comfort
- 500+ hours battery life
- Stereo talk-thru
- Volume boost feature
- New boom mic
- New tactile key pad
- Head and neck band variants

Sidewinder™ Headset Kit

Lightweight bone conduction headset kit. Durable, tactical headset, with speaker location in front of the ear. Provides situational awareness and allows operators the choice of when and when not to wear hearing protection (while maintaining radio communications). Compatible with both earplugs and muff-style hearing protectors.

- Bone conduction speaker in front of ear
- Enhanced auditory situational awareness
- Kit includes remote push-to-talk
- Kit includes Combat Arms™ earplugs (patented dual-protection design: One side, when inserted, provides traditional hearing protection. The other side, when inserted, attenuates high impulse noise.



MT Series Throat Microphone

Specifically designed for situations where boom microphones are ineffective. Incorporating the latest Peltor™ contact microphone technology, this product has excellent voice recognition by picking up the vibrations from the user's voice box. The optional adjustable rubber earpiece has a speaker in it allowing the user to monitor clearly all incoming radio transmissions.

- Ideal for respirator communication
- Throat microphone includes an adjustable neckstrap with buckle snap

Lapel Mic

Conveniently transmit and receive radio messages remotely. The Lapel Mic features a low profile design with an 8-position, 360° swivel clothes clip. Ideal for users that do not wish to hold or remove a 2-way radio from their belt in order to transmit or hear instructions.

- Noise canceling microphone, high output speaker
- Heavy-duty cable assembly down to radio
- Push-to-talk for radio transmit
- Listen-only earpiece available



Safety Eyewear

E.V.P.™ Safety Eyewear

Extreme vision protection. Everything from the impact-resistant nylon frame and the patented QuickChange™ lens to the hard-shell case have been designed for the rigors and unforgiving environments of combat. E.V.P.™ Safety Eyewear. Plus available for larger facial profiles.

- Meets military V₀ regimen for high velocity impact protection*
- Tough, lightweight frame
- Adjustable temple lengths and lens angles
- Interchangeable clear and gray anti-fog lenses
- Hard shell carrying case and lanyard included
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2007
- Prescription insert available



Peltor™ PATROL™ Series Eyewear

Protect your eyes and your image. From the first name in tactical safety equipment, Peltor brand introduces the new Patrol Series Eyewear. Four styles have been designed for law enforcement and military professionals with authoritative styling. With the Patrol Series, your eyesight will be your first line of defense and your most effective weapon.

- Meets military V₀ regimen for high velocity impact protection*
- Durable, lightweight, comfortable frames
- Compatible with helmets and other equipment
- 99% UV protection
- Anti-fog/abrasion-resistant lens coating
- Meets the requirements of ANSI Z87.1-2003



LE400-G



LE100



LE200



LE300



LE400-P

Peltor™ Nighthawk™ Assault Goggle

Superior design, clarity, adaptability, comfort and ease of use while providing better peripheral vision and protection. Goggles and spectacles built to provide serious protection for serious missions. Tough eye protection and clear vision free from sand, dirt and debris.

- Meets military V₀ regimen for high velocity impact protection**
- Easy-change fog and abrasion-resistant lenses
- Nightvision compatible
- Durable, universal prescription insert available
- Modular Lightweight Load-carrying Equipment (MOLLE) - attachable protective case included



Maxim™ 2x2 Air Seal Goggle

Great protection against sun, dust and wind with a comfortable air seal. Versatile design for law enforcement. Vented air seal for comfort, protection and reduced fogging. Kit includes:

- Interchangeable temples and elastic strap, clear, gray and amber lenses with anti-fog coating, and a padded case
- Snap-on temples & headband
- Polycarbonate lenses absorb 99.9% UV
- Meets Military V₀ Regimen for High Velocity Impact Protection*
- Meets the requirements of ANSI Z87.1-2003 and CSA Z94.3-2007



*Military V₀ Protocol: Using the standard T-37.15 Caliber shaped projectile at 650FPS = 440 mph

** Complies to MIL-V-43511C Using Test Method MIL-STD (V50 Ballistic Test for Armor) - T37 shaped (22 Cal) projectile @ 550 ft/sec

Hearing Protection



RANGE HEARING PROTECTION

Peltor™ 30 Caliber™ Earplugs

Shaped for performance. The Easy-Grip Handles make removing the plugs quick and simple, too.

- NRR 30 dB*
- Soft, roll-down foam
- Easy insertion/removal
- Excellent protection
- All-day comfort

Combat Arms™ Earplugs

This dual-protection earplug provides wearers two options for hearing protection. In the “hear-through” mode, the Combat Arms is designed to let wearers hear low-level sounds such as conversations and rifle bolts. When high-impulse sounds occur such as weapon fire, it instantly attenuates those noises offering greater protection to the wearer. In the “constant protection” mode, the earplug offers an NRR of 22dB against noise such as armored vehicles, watercraft and machinery.

- Patented dual-protection design - hear-through high-impulse protection and constant noise protection
- Premolded triple-flange design fits most earcanals
- Comfortable and reusable
- No batteries or moving parts



TACTICAL HEARING PROTECTION

Tactical Sport™

Designed for comfort and protective seal. Ambient listening electronics provide distortion-free amplification while protecting the user's hearing from loud impulse noises.

- Slimmer cup profile will not interfere with aim/sight for better comfort
- 500+ hours battery life
- NRR 20 dB*
- Folding headband
- Digital 3 button touchpad
- Audio jack for external components with optional cable. Sold separately.



*Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in earplug fit and wearing time. It is recommended that the NRR be reduced by 50% for estimating the average amount of noise reduction provided."

⚠ WARNING!

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, *User Instructions*, or call 3M in U.S.A. at 1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing ear plugs. Failure to do so may result in hearing loss or injury.

⚠ WARNING!

These eye and 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 warnings on the package or call 3M OH&ESD Technical Service in the USA at 1-800-243-4630. In Canada, call 1-800-267-4414.

Related Products

3M™ Avagard™ Surgical and Healthcare Personnel Hand Antiseptic with Moisturizers

3M Avagard antiseptic hand prep is designed to replace water-aided antimicrobial hand scrub brushes and antimicrobial soaps. The scrubless, waterless way to prepare hands. It's a fast-acting and effective antimicrobial protection for up to six hours without water or scrubbing. 3M Avagard hand antiseptic product has obtained FDA NDA approval, which includes a complete review by FDA of all safety and efficacy data.



3M™ Tempa•DOT™ Thermometers

3M offers a thermometry system that's accurate, convenient and economical. 3M Tempa•DOT thermometers are one-time-use, disposable clinical thermometers which help minimize the risk of passing harmful microorganisms from one patient to the next.

3M™ Littmann® Electronic Stethoscopes

The 3M™ Littmann® Electronic Stethoscope Model 3100's exceptional sound capabilities deliver an exceptional auscultation experience. Clinical evidence shows that it's easier to detect difficult-to-hear heart sounds, like S3 gallops, aortic regurgitation murmurs, and abnormal lung sounds. Here's why:

- State-of-the-Art Sound Sensor
- Built to stringent specifications, it provides a life-like 3M™ Littmann® sound experience equivalent to a high-end cardiology stethoscope
- Proprietary Ambient Noise Reduction Technology
- Proprietary technology reduces, on average, 85% of ambient background noise that can interfere with the auscultation experience. For the full story visit www.Littmann.com
- Frictional Noise Reduction Technology
- Up to 24X Sound Amplification



Online Respiratory Medical Evaluation

- Complete questionnaire in 15-30 minutes
- Immediate notification of clearance
- Can be used with any brand of respirator
- Exam can be taken on any computer with internet access
- Online record keeping tracks employee's clearance status
- Available 24/7—Schedule at your convenience
- 97% average pass rate (due to built-in expanded questionnaire)
- Physician or other licensed health care professional (PLHCP) provides review and, if needed, will follow up with employee
- Questionnaire available in English or Spanish

www.respexam.com 800-383-3393



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