

3M Protective Solutions for Bush Firefighters

Stay protected – and connected – wherever the fight takes you.

Whether on the fireground, in the air or in the aftermath, bush firefighters are exposed to a range of hazards – from toxic smoke to noise that impedes critical communications. In these unpredictable conditions, you need PPE you can trust.

That's where we come in, with a range of durable, dependable protective equipment to help keep bush firefighters and first responders safe.

3M Protective Solutions for Bush Firefighters

We have safety down to a science.



Why choose PPE from 3M? Because the people who put it all on the line to help others deserve top-of-the-line protection. And because 3M provides more than trusted equipment. We stand ready behind the scenes to help with fit testing, training, technical support and stockpile demand planning. And it's all backed by our knowledgeable global team and decades of industry experience.



3M PPE: Helping protect firefighters against a wide range of hazards



Bush Firefighting

Fighting bush fires

In an unpredictable environment, there's one thing you want to be sure of: the right PPE. Up against dangerous toxic emissions, a variety of airborne contaminants and prolonged exposure across long shifts, firefighters need to protect themselves both from immediate danger and long-term harm.

3M PPE offers protection against a variety of bush fire-related hazards, from respirators to help guard against smoke inhalation to headsets that provide protective communications. Our broad portfolio offers a variety of durable products designed to stand with you – and withstand the harsh conditions of bush fires.

	Potential 3	Potential 3M PPE options ^{1,2}								
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	SCBA	Powered and supplied air ³	Full facepiece respirator ³	Half facepiece respirator ³	Filtering facepiece respirator	Protective communica- tions	Hearing protection	Head protection	Eye protection	Body protection
Bush firefighting	•	•	•	•	•	•	•	•	•	
Aerial search & rescue							•		•	

 Based on hazard and exposure assessment. This guide may not be inclusive of all options that could be used in the listed settings. It is the responsibility of the employer to determine suitability of any PPE used and ensure compliance with all applicable regulations. Air Purifying Respirators, which include filtering facepiece, half facepiece, full facepiece and Powered Air Purifying Respirators must not be used in immediately dangerous to life and health (IDLH) conditions or oxygen deficient, unknown concentration and unknown contaminant atmospheres. Filtering Facepiece Respirators should not be used in high heat environments and IDLH conditions.
 Not a complete list.

3. Used with appropriate cartridges/filters for contaminant.

See The <u>3M Respirator Selection Guide</u> for support in cartridge/filter selection.



Aerial search and rescue

In the air or on the ground, search and rescue personnel need respiratory protection from smoke inhalation. At the same time, they need solutions that don't interfere with communications or mobility.

3M offers respirators with speaking diaphragms designed to help provide easy communication. For protective communications, our trusted 3M[™] PELTOR[™] headsets help rescue teams communicate and coordinate with fireground teams in noisy and demanding environments.



Structural firefighting

When bush fires reach manmade structures and vehicles, a host of new hazards come into play. Not only are firefighters exposed to acute thermal stress and the danger of oxygen-deficient atmospheres, but the densely concentrated smoke can also expose them to toxic gases and vapours, unknown contaminants and chemical exposures. That makes it more critical than ever to have a reliable source of breathable air, like a selfcontained breathing apparatus (SCBA). But not all SCBAs are created equal.

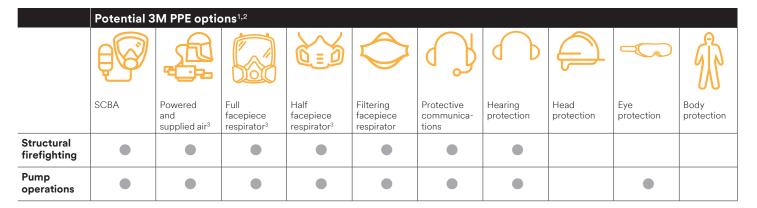
3M[™] Scott[™] SCBA products and accessories are trusted by firefighters around the world for their durability and safety features. Because your crews should be able to focus on the fight with confidence in their equipment.

Pump operations

Even outside the "hot zone," pump operators can still be exposed to smoke – and whatever contaminants it carries. Diesel engines and small engines add their own emissions to the air – and their own noise.

From respirators that guard against particulates and a wide variety of vapours to communication systems that can cut through the chaos, our gear is designed to work efficiently as one more member of your team.





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See The 3M Respirator Selection Guide for support in cartridge/filter selection

Bush Firefighting

Fire investigation

Even days after a fire is extinguished, onsite investigators may be exposed to hazardous levels of airborne particulates, gases and vapours.¹ Although the levels may be far below the concentrations encountered during the fire itself, investigators may be on-scene for hours or even days longer than firefighters. Wearing PPE during the investigation can help protect personnel against eye, skin and respiratory irritation.

	Potential 3	Potential 3M PPE options ^{1,2,3,4}								
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	SCBA	Powered and supplied air ⁵	Full facepiece respirator⁵	Half facepiece respirator⁵	Filtering facepiece respirator	Protective communica- tions	Hearing protection	Head protection	Eye protection	Body protection
Fire investigation	•	•	•	•	•	•	•	•	•	•
Post-fire clean-up	•	•	•	•		•	•			

1. G. Horn. Airborne Contamination During Post-Fire Investigations. Firehouse, 2022. https://www.firehouse.com/safety-health/article/21273901/why-fire-investigators-are-at-riskof-airborne-contaminants

 Personal Protective Equipment During Cleanup of Residential Wildfire Debris. 3M Technical Data Bulletin, 2023. https://multimedia.3m.com/mws/media/8827000/3m-technicaldata-bulletin-182-ppe-during-cleanup-of-residential-wildfire-debris.pdf

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Post-fire clean-up

Just because the fire is out doesn't mean the job is over. As you gear up to go back to the scene for clean-up, PPE is still essential to protect against ash, dust and other airborne hazards. In older structures, this may include lead-based paint, asbestoscontaining materials or PCB-containing caulks.² Mould growth can also occur within as little as 48 hours in water-damaged buildings.² In addition to respiratory protection, head, face and eye protection can all help keep cleanup personnel safe while they help those affected by the fire.



Mitigation: Preventing future fires

Prescribed burns can help starve bush fires before they start by taking away their fuel. Together with other land management strategies, this can help reduce the strength and spread of future fires. But no fire mitigation plan is complete without PPE. Burn crews should be equipped with appropriate PPE for the site and operation – including effective communication.



	Potential 3	Potential 3M PPE options ^{1,2}								
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	SCBA	Powered and supplied air ³	Full facepiece respirator ³	Half facepiece respirator ³	Filtering facepiece respirator	Protective communica- tions	Hearing protection	Head protection	Eye protection	Body protection
Fire mitigation				•	•	•			•	

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Self-Contained Breathing Apparatus (SCBA)

3M[™] Scott[™] ProPak-fx SCBA

Designed specifically to meet the demands of the professional fire service, the ProPak-fx SCBA offers performance and user comfort.

- Wraparound, padded harness with reflective webbing
- Adjustable padded shoulder straps
- Three waistbelt height settings to suit varying physiology
- Pivoting waist-belt enables greater freedom of movement
- Supports optional air-line/rescue and fast-fill connections



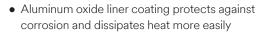
3M[™] Scott[™] ProPak-EZ-Flo SCBA

The ProPak-EZ-Flo can be specified in configurations including duo-cylinder, Split Demand valve Coupling (SDC), demand hose YPiece (Y2C) and Airline Connection (AC), which can be used for extended-duration, rescue and decontamination tasks.

- Padded wraparound harness and large buckles for easy operation with gloved hands
- Cylinder quick connect and fast fill options available
- Height-adjustable pivoting waist-belt option available

3M[™] Scott[™] SCBA Cylinders

Lightweight composite materials help reduce fatigue while carbon and glass fibre layers are designed to withstand wear and tear. Multiple valve configurations support SCBA sets and airline trolley breathing systems.



- Clear cylinder sleeve option available to improve protection from impacts
- Use with 3M[™] Scott[™] SCBA and 3M[™] Scott[™] Modulair Airline Trolley system







3M[™] Scott[™] ProPak-f SCBA

Designed for use by the professional fire service, the ProPak-f SCBA was designed to optimize efficiency.

- Padding in the upper and lower harness for improved comfort
- Large buckles for easy operation with gloved hands
- Low-profile, side-fitting demand valve reduces snagging risk
- Supports optional air-line/rescue and fast-fill connections

Respiratory Protection SCBA Facemasks and Accessories



3M[™] Scott[™] AV-3000 HT Facemask

A high-performance facemask engineered to provide enhanced thermal durability and improved wearer safety in the most extreme conditions. Designed to be used with 3M[™] Scott[™] ProPak-EZ-Flo demand valve.

- Proven SureSeal dual-reflex seal technology for comfort and secure fit
- Rubber or Kevlar head harness options
- Large high-temperature resistant anti-fog visor with dual speech diaphragms
- Optional electronic communications support
- Available in 3 sizes



3M[™] Scott[™] Sight In-Mask **Thermal Imager**

Innovative Bluetooth[®] enabled technology designed to allow firefighters to see the fire scene in complete darkness or smoke-filled environments without the need to reach down and handle a traditional thermal imager.

- Colourised image display
- Celsius temperature and battery status display
- Optional hot and cold-spot tracking
- Optional tactical video recording
- Supports optional left-side electronic communications device



3M[™] Scott[™] EPIC 3 Voice Amplifier

Engineered specifically for firefighting, this voice amplifier provides a dependable, easyto-use, hands-free way for first responders to communicate person-to-person in what are often life-threatening situations while wearing respiratory protection equipment.

- High-sensitivity microphone
- Tactile on/off button that is easy to activate with gloved hands
- Automatic timer shutoff
- Equipped with custom voice correction filtering and efficient audio amplification technology



3M[™] Scott[™] AV-632 **Bayonet Adapter**

This adapter allows AV-3000 HT facepieces to support negative pressure operation using 3M[™] Cartridges 6000 series, Filter 7093 series and Filters 2000 series.

- Quick and easy to use adapter
- Compatible with 3M Bayonet style filters and cartridges
- Attaches with a simple quarter turn and positive latch to confirm secure connection

3M[™] Scott[™] Vision 3 **Positive Pressure Facemask**

Used with a 3M[™] Scott[™] Breathing Apparatus, the Vision 3 Facemask combines excellent all-round vision with wearing comfort and is available with a 5-point rubber or textile head harness.

- Comfortable liquid silicone reflex mask seal
- Scratch and impact-resistant polycarbonate visor
- Front-mounted speech diaphragm
- Left side demand valve connection port
- Optional electronic communications support
- Available in 3 sizes



3M[™] Scott[™] Promask Positive Pressure Facemask

Promask Positive Pressure is a durable and highly chemical resistant facemask with a single curvature polycarbonate lens.

- BromobutyI/EPDM outer mask with reflex seal
- TPE ori-nasal inner mask
- Available in 2 sizes small and medium/large
- Front-mounted speech diaphragm
- Left-side low-profile demand valve connection
- Optional right-side electronic communications support

Respiratory Protection Powered Air Purifying Respirators



3M[™] Versaflo[™] TR-600 **Powered Air Purifying Respirator**

For versatile and easy-to-use breathing protection against particulates and/or gases and vapours.

- The powered air turbo has three selectable flow rates
- Steady airflow delivered as the battery discharges or as the filter loads with particulates
- Vibratory, audible and visual alarms for low charge or flow
- Available with multiple configurations of headtops, breathing tubes, batteries, filters, cartridges and more



Fully integrated safety:

- Respiratory
 Hearing Head Skin protection

 - and more

Comfort

Eye

Comfort is designed into 3M[™] Versaflo[™] PAPRs, helping your team focus on their work, all while improving compliance and reducing



workplace injuries.







Protection:

Use the following products in combination for environments with increased respiratory burden:

- 3M[™] Versaflo[™] TR-600 PAPR
- BT-63/64 breathing tubes
- 3M[™] Ultimate FX Full Facepiece Respirator FF-400 Series



Designed to work in concert for maximum comfort.

Loose fitting headgear can eliminate fit-testing and accommodate limited facial hair, saving you and your workers hassle.

Ease

With easily replaceable parts, charger stations, high-capacity batteries and more, 3M[™] Versaflo[™] PAPRs are easy to use and maintain.



Versatility

3M[™] Versaflo[™] PAPRs are engineered for versatility and customization, so you can build a system that works for your team, the environment, and whatever comes their way.



3M[™] Secure Click[™] Full Facepiece Reusable Respirator FF-800 Series

Designed with smart and intuitive features, this full-face respirator helps protect users from particulates and a wide variety of gases and vapours when used with approved 3M Secure Click filters and cartridges.



Hear it:

Speaking diaphragm is

easy communication.

designed to help provide

Say it:

The quick and simple Secure Click connection helps provide confidence that filters/cartridges are installed properly. Simply align the connections and push until you hear a click.



Check it:

Easy, one-touch seal check helps provide increased worker confidence that the respirator is being worn properly.



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Feel it:

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



3M[™] Ultimate FX Full Facepiece **Respirator FF-400 Series**

This full-face respirator offers a wide field of vision and meets the requirements of medium impact AS/NZS 1337.1 standard for eye and face protection. It is compatible with a wide range of 3M filters, cartridges, powered and supplied air systems, including the 3M[™] Versaflo[™] TR-600.

- Soft, flexible nose cup, seal and 3M[™] Cool Flow[™] Exhalation Valve for added comfort
- A durable six-strap head harness designed to provide a secure, comfortable fit while withstanding tough work conditions
- Passive speaking diaphragm to help provide easy communication
- For use with DT-Series range of filter. Contact 3M for further information on DT-Series Filters

3M[™] Scott[™] Reusable Respirator M98



This full-face reusable respirator is designed particularly to protect against Chemical, Biological, Radiological and Nuclear (CBRN) hazards. Designed for extended wear times, the EN136 approved M98 offers a drinking device port for quick rehydration.

- Lens positioning close to the eyes provides downward vision
- Advanced speech diaphragm enables personal communication
- Slim-line profile for easy integration with helmets and visors
- For use with DT-Series range of filter. Contact 3M for further information on DT-Series Filters

Respiratory Protection Half Facepiece Reusable Respirators



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

Designed with smart and intuitive features, the 3M[™] Secure Click[™] Half Facepiece Reusable Respirator is simple, comfortable and reliable. It helps protect against particulates and a wide variety of gases and vapours when used with approved 3M[™] Secure Click[™] Cartridges and Filters, which snap into place for intuitive assembly.

- World's first quad-flow cartridge system
- Speaking diaphragm for easy communication
- Push-button seal check to help provide increased user confidence that the respirator is being worn properly

These respiratory protection options should only be considered in non-immediately dangerous to life and health (non-IDLH) environments







3M[™] Rugged Comfort Quick Latch Half **Facepiece Reusable Respirator Series** 6500QL

Designed with tough and dirty work environments in mind this respirator is overmolded with a lowprofile design that delivers comfort, durability and stability. Helps protect from certain particulates, gases and vapors when used with 3M respirator cartridges, filters.

- Firm, lightly textured silicone face seal
- The 3M[™] Cool Flow[™] Exhalation Valve helps direct exhaled air downward away from your eyewear, helping to release warm and moist breath from inside the respirator
- Quick latch design offers a one-hand touch drop-down mechanism for easy raising or lowering of the respirator, with no need to remove safety helmet or faceshield

Respiratory Protection

Filter Cartridges for Half and Full Facepiece Respirators



3M[™] Bayonet Filters and Cartridges







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	3M [™] Particulate Filter 6038 P2/P3	3M™ Multi Gas/Vapour Cartridge Filter 6059, A1B1E1K1	3M [™] Formaldehyde/ Organic Vapour Cartridge Filter 6075	3M™ Particulate Filters 5935, P3
Filter class	P2/P3			P3
Provides protection against	 Mechanically and thermally generated particulates Hydrogen fluoride Nuisance level Acid gases* Nuisance level organic vapours* 	 Inorganic and acid gases Ammonia Methylamine Organic vapours (boiling point >65°C) 	 Formaldehyde Organic vapours (boiling point >65°C) 	Particulates
Additional benefits	 Encapsulated in hard plastic cases to help protect from decontaminating water spray showers, debris, sparks and high temperatures Lightweight and well-balanced 	 Lightweight and well-balanced High-performance active carbon filter 	• High-performance active carbon filter	
Use with:	3M Bayonet Facepieces 6000, 6500QL, 7500 Half face Series and FF-400, 6000 Full Face series	3M Bayonet Facepieces 6000, 6500QL, 7500 Half face Series and FF-400, 6000 Full Face series	3M Bayonet Facepeices 6000, 6500QL, 7500 Half face Series and FF-400, 6000 Full Face series	3M Filter Retainer 501 required to attach to 6000 Series Gas vapour cartridges on 3M Bayonet Facepieces 6000, 6500QL, 7500 Half face Series and FF-400, 6000 Full Face series

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	3M [™] Particulate Filter D9038 P3	3M [™] Secure Click [™] Cartridge A1B1E1K1P3 D8094 with Dual Flow	3M [™] Secure Click [™] Cartridge A1B1E1K1 D8059, with Dual Flow	3M [™] Secure Click [™] Particulate Filter P3, D7935
Filter class	P3			P3
Provides protection against	 Mechanically and thermally generated particulates Nuisance level organic vapours* 	 Organic gases and vapours (boiling point >65°C) Inorganic gases Acid gases Ammonia Particulates Formaldehyde (up to 10 ppm) 	 Organic gases and vapours (boiling point >65°C) Inorganic gases Acid gases Ammonia 	 Mechanically and thermally generated particulates
Additional benefits	 Lightweight Durable Easy to clean Hard cover protects against flying embers 	• The world's first quad-flow cartridge system	• The world's first quad-flow cartridge system	
Secure Click connection	Yes – align the connection and p	oush to hear a click		
Use with:	3M [™] Secure Click [™] Reusable Respirators HF-800SD Half Face Series and FF-800 Full Face Series	3M [™] Secure Click [™] Reusable Respirators HF-800SD Half Face Series and FF-800 Full Face Series	3M [™] Secure Click [™] Reusable Respirators HF-800SD Half Face Series and FF-800 Full Face Series	3M [™] Secure Click [™] Filte Retainer D701 (required to connect to D8051, D8055 or D8059

*at concentrations below Safework Australia/WorkSafe NZ exposure standards

All the above provide P3 protection only when worn on a full face. They provide P2 protection when worn on a half facepiece.

These respiratory protection options should only be considered in non-immediately dangerous to life and health (non-IDLH) environments.

Respiratory Protection Filtering Facepiece Respirators

3M[™] Aura[™] Particulate Respirator 9322A+, P2

Featuring the same three-panel design as the 9320A+ series respirator, the 9322A+ is also equipped with the 3M[™] Cool Flow[™] Exhalation Valve for additional comfort. This valve helps release warm, moist breath, minimizing the risk of fogging eyewear making this respirator ideal for demanding work in hot, humid environments.

- Adjustable chin tab
- Sculpted, embossed top panel designed to allow more room for eyewear and to help reduce eyewear fogging
- 3M Cool Flow Exhalation Valve for easy exhalation and easy breathing

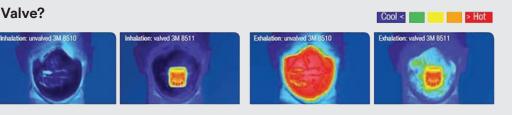


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	3M [™] Aura [™] Particulate Respirator 9320A+	3M [™] Aura [™] Particulate Respirator 9322A+	3M [™] Cupped Particulate Respirator 9923V	3M [™] Cupped Particulate Respirator 8247	
Filter class	P2	P2	P2	P2	
3M™ Cool Flow™ Exhalation Valve	No	Yes	Yes	No	
Respirator style	Flat fold, 3-panel design	Flat fold, 3-panel design	Cupped	Cupped	
Organic vapour and odour relief*	No	No	Yes, nuisance level*	Yes, nuisance level*	
Application notes	Protection against hazards such as dusts, mists and fume	Protection against hazards such as dusts, mists and fume	Provides protection from coal dust and diesel particulate matter	For use where metal fumes may be present	
Filter material	3M [™] Advanced Electret Filte	er Material provides effective	filtration with low breathing	resistance	
Specifications	Meets performance requirements of AS/NZS 1716:2012				

* at concentrations below Safework Australia/WorkSafe NZ exposure standards

What is the 3M[™] Cool Flow[™] Valve?

This valve helps release warm, moist exhaled breath from inside the respirator. This helps improve comfort and minimise the risk of fogging eyewear.











These respiratory protection options should only be considered in non-immediately dangerous to life and health (non-IDLH) environments



Hearing Protection Earplugs and Earmuffs

3M[™] PELTOR[™] Products

In bush firefighting, situational awareness is critical – and so is effective communication with your team. At the same time, it's important to protect against hearing damage. PELTOR protective communications feature innovations like environmental listening technology which can help enable auditory situational awareness by sampling ambient sounds in the environment and compressing them to a safe decibel level or amplifies weak sounds to an audible level. This allows team members to protect their hearing and communicate without the need to remove their hearing protectors. Our integrated two-way radio headsets allow for clear communication in noisy environments, so your team can stay connected – and protected.

3M[™] PELTOR[™] WS[™] ProTac XPI Headset

This next generation headset has Bluetooth[®] multipoint connectivity, and can be simultaneously connected to two Bluetooth[®] enabled phones or one portable radio.

- Water and dust-proof noise-cancelling microphone (IP68) for clear speech transmission in noisy and harsh environments
- Environmental listening technology for level-dependent hearing protection and auditory situational awareness
- Bright yellow color for enhanced visibility
- Available in headband, neckband and helmet-attached versions



3M[™] PELTOR[™] Tactical Earplugs TEP-200 (Australia only)

Improve your situational awareness and communications in challenging environments.

- Helps provide hearing protection in environments with hazardous noise
- Built tough to withstand harsh environments and designed with IP67 water and dust resistance
- Rechargeable earpieces via a micro-USB or 3-AA batteries
- Charging case provides robust storage for harsh firefighting operations



3M[™] PELTOR[™] Electronic Earplugs EEP-100

Protect your hearing and help improve situational awareness and communications in challenging environments.

- Intuitive one-button operation powers earpiece on/off and selects volume level
- Includes weather-resistant earpieces and charging case (IP54) for convenient storage
- Rechargeable via a micro-USB on the charging case



3M[™] PELTOR[™] CH-3 Headset

A protective solution for communicating with your fireground team in a high noise environment. Ideal for easy set-up with fewer cables and easy access to the PTT.

- Optimized noise-cancelling boom microphone
- Water and dust resistant noise-cancelling microphone (IP68)
- Headband adapts to a wide variety of head shapes
- Modern earcup helps withstand harsh environmental elements
- Bright yellow color enhances visibility

3M [™] PELTOR [™] PTT Adapters*	Delivering push-to-talk functionality between 3M™ PELTOR™ Communications Headsets and select 2-way communication radios. Small and durable, they offer distinct tactile feedback when the Push-To-Talk button is pressed.
3M [™] PELTOR [™] FLX2 Cable*	Flexible and adaptable PELTOR cables that allow for a easy and reliable connection to a wide variety of handheld devices.
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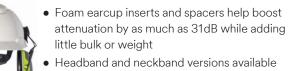
* Various adapters and cables are available to connect your 3M PELTOR Communication Headset to your two-way radio.

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

This system makes it easy to measure every individual's unique level of attenuation through hearing protection fit testing – and helps take the guesswork out of managing compliance in your hearing conservation program.

3M[™] PELTOR[™] X4 Earmuffs

The X4 combines high attenuation with a sleek, low-profile and lightweight design, so you can work efficiently even in the noisiest environments.



✓ 3M[™] E-A-R[™] Skull Screws[™] Earplugs

These earplugs bring rugged style and high attenuation rating for high noise exposed workers. Though they look like threaded metal, they're made with soft foam.

- Push-to-fit doesn't require rolling down of the earplug
- Keeps foam tips clean when inserting with gloves or dirty hands
- Corded and uncorded versions available

3M[™] No-Touch[™] Earplugs



These earplugs combine the comfort of foam with the precision of push-to-fit hearing protection.

- Tapered, cylindrical foam tip is designed to fit the ear canal
- Paddle-shaped stem grip helps with insertion and removal
- Push-to-fit design ensures earplugs stay clean
- Corded and uncorded versions available







3M[™] PELTOR[™] X5 Earmuffs

Designed for comfort and noise reduction during tough jobs where loud sounds are frequent.

- Adjustable cup that angles to help create a customised fit.
- Electrically insulated options available.
- Available in over-the-head, hard-hat-attached and behind-the-head models



3M[™] E-A-R[™] Express[™] Pod Plugs[™] Earplugs

Designed to help workers insert the foam ear tips without getting them dirty, these earplugs combine comfort with efficiency.

- Extended paddle-style grips
- Unique cap shape compresses as it goes into the ear canal
- Corded and uncorded versions available

Head, Eye and Face Protection Head and Face Protection



3M[™] TA500 Series **Safety Helmets**

Designed to protect wearers from numerous hazards and complement various accessories.

- Made in Australia
- 6-point terylene head harness
- Unique crown cooling vented safety helmets
- Allows multiple branding and reflective tape options
- Meets Australian/New Zealand standard AS/NZS 1801:1997



Chainsaw Combination Kit

- V4B Polyamide Visor System offers eye and face protection from flying wood chips and large particles, whilst allowing fogfree vision and increased ventilation when in difficult outdoor conditions. Includes a polyamide mesh visor for protection against large dust or foreign matter particles. The attachable earmuffs provide reliable hearing protection while working.
- 3M[™] TA570 Series ABS Type 1 vented safety helmet
- 3M[™] PELTOR[™] X4 Earmuffs X4P3, Helmet Attached
- 3M[™] PELTOR[™] V4B mesh visor and peaked visor holder



3M[™] SecureFit[™] Safety Helmet X5000 Series (New Zealand only)

Climbing-style helmet that delivers all-day comfort without sacrificing security.

- 3M[™] SecureFit[™] Pressure Diffusion suspension system flexes and self-adjusts to the size of the wearer's head. Patented technology reduces forehead pressure by 20% on average compared to conventional 3M helmets.
- Unique patented 4-point chin strap selector system makes it possible to switch between EN 12492 (Mountaineering helmets) and EN 397 (Industrial safety helmets) standards

3M[™] HH/HF Bushfire **Helmet Series**

Lightweight and heat-resistant, this polycarbonate wide-brim helmet offers protection from embers and radiant heat. Ideal for firefighting, emergency response and high-temperature tasks.

- Wide brim for added ember and splash protection
- Flame resistant neck flap
- Chin strap
- Reflective tape
- Optional visor system
- Type 3 safety helmet AS/NZS 1801:1997

Eye Protection

3M[™] GoggleGear[™] Protective Goggle 3000 Series

Medium profile goggle with wrap around lens for improved field of vision.

- Red TPV frame for improved seal in hot conditions
- Meets Australian/New Zealand standard AS/NZS 1337.1 for medium impact and hot solids
- Meets ISO 16321-1 for resistance to ignition, chemical and scratch resistance
- Features 3M[™] Scotchgard[™] Protector anti-fog and anti-scratch coating



3M[™] SecureFit[™] Protective Eyewear 500 Series

Contemporary lens design coupled with adjustable ratchet temples.

- 3M[™] Pressure Diffusion Temple (PDT) technology allows the temples to flex and self-adjust to the size of the wearer's head
- Works well with 3M[™] PELTOR[™] Hearing Protection Products
- Features 3M[™] Scotchgard[™] Protector anti-fog and anti-scratch coating
- Available in a variety of lens tints
- Meets Australian/New Zealand Standard AS/NZS1337.1 for medium impact

3M[™] Solus[™] Protective Eyewear 1000 Series

Sporty, low profile eye protection featuring Scotchgard[™] Protector Anti-Fog Coating.

- Padded temples and soft nosebridge for added comfort
- Configurable design featuring a dust-guard and detachable temple or cloth strap options
- Available in a variety of lens tints
- Meets Australian/New Zealand Standard AS/NZS1337.1 for medium impact









3M[™] GoggleGear[™] Protective Goggle 500 Series

Low-profile design available in Clear or Grey lens to reduce glare and with indirect venting to help reduce fogging.

- Moulded nose bridge design provides a comfortable fit
- Polycarbonate lens provides impact protection against a wide range of hazards
- Features 3M[™] Scotchgard[™] Protector anti-fog and anti-scratch coating
- Optional prescription insert
- Meets Australian/New Zealand Standard AS/NZS1337.1 for medium impact



Education and Training



3M[™] Protective Coverall 4515

A protective solution to limited liquid splash and hazardous dusts such as asbestos fibres during site inspection. This coverall's breathable material allows air to escape from the inside to reduce heat build-up and discomfort. Certified as CE Type 5/6.

- Elastic cuffs, waist and ankles
- 2-way zipper with storm flap
- Available in white, blue, and orange



3M[™] Protective Coverall 4535

A balance of protection, durability and comfort, this coverall utilises a dual material design made of ultra-low linting laminated microporous material. Certified as CE Type 5/6. An excellent barrier against dry particles and splash from limited liquid chemicals.

- Knitted cuffs
- Elasticated waist
- Extra large breathable back panel for improved air circulation and reduced heat stress 2-way zipper with storm flap



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3M[™] Protective Coverall 4565

Offering CE Type 4/5/6 protection, the 3M Protective Coverall 4565 has an impressive level of liquid barrier protection whilst maintaining its unique soft feel and well fitting drape. With tape applied over the seams a greater level of total protection and seam durability is offered versus Type 5/6 products.

- Knitted cuffs and elastic waist and ankles for increased comfort and freedom of movement
- 2-way zipper with storm flap
- Taped seams across the suit for better protection and increased durability

Education and Training

Your needs are at the core of what we do. That's why 3M offers worker health and safety training on principles, hazards, PPE products, tools and other valuable information to enhance your emergency preparedness program. Remember that safety goes beyond simply providing access to PPE – workers must also be trained in its proper wear and use. Our resources can help you ensure they have access to vital information about their PPE.

Explore our digital library on the <u>Worker Health & Safety Portal</u> at the 3M Safety Academy for topics like respiratory protection, hearing protection, fall protection and more. We also offer health and safety training classes on-site, customized to the unique needs of your workforce.



In-person | Training Courses and Seminars

3M offers a variety of tools, courses and seminars to support your emergency preparedness health and safety training needs.

eLearning | Worker Health and Safety



Need it now? No matter how busy your schedule, 3M can help you increase your knowledge of PPE and related workplace health and safety topics.



Online Technical Resources

Find in-depth information about respiratory or hearing hazards in our Digital Training Library.

Ready to learn more?

Scan for QR code for more details.





Fit Testing

It is important ensure that PPE fits the wearer properly, both to help ensure a proper level of protection and to meet any applicable regulatory requirements. 3M has resources that can help you test and evaluate fit for a variety of PPE:

Respiratory fit testing: A respirator needs to fit and seal to a wearer's face. Otherwise, contaminated air can enter the wearer's breathing zone. <u>3M.com/respiratorfit</u>

Hearing protector fit testing: If hearing protection is not properly fitted, external noise may bypass the hearing protector, which can lead to noise-induced hearing loss over time. <u>3M.com/EARfit</u>

Protective eyewear fit evaluation: Protective eyewear needs to provide a wide field of view, security of fit and good coverage. Ask about the <u>3M</u>[™] <u>Eyewear Fit System</u>



Scan the QR code to download your free 3M[™] Wear it Right App from the iOS or Google Play store.

For advice and support implementing a fit testing program, please contact your local 3M representative.

A WARNING

These hearing protectors help reduce exposure to hazardous noise and other loud sounds. For suitability and proper use, follow local regulations, refer to all information supplied or contact an occupational hygienist, safety professional or 3M representative on the Tech Assist Helpline: 3M Australia 1800 024 464, 3M New Zealand 0800 364 357.

A WARNING

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 value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced 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 Australia at 1800 024 464. In New Zealand, call 0800 024 464.

Head Protection

AWARNING

3M Head and Face Products provide limited protection only. Misuse or failure to follow warnings and User Instructions may result in serious personal injury or death. For proper use, see supervisor. User Instructions, or call 3M Personal Safety Division Technical Assistance at 1-800-024-464.

Respiratory Protection

😹 🛦 WARNING

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 AS/NZS 1715 and/or SA/SNZ ISO 16975.1 including training, fit testing and medical evaluation. Improper use may result in sickness or death. For correct use, see supervisor and User Instructions, or call 3M PSD Technical Customer Service in Australia at 1300 363 565 and in New Zealand at 0800 252 627.

Coveralls

A WARNING

Final determination as to the suitability of these products for a particular situation is the employer's responsibility. This information is subject to revision at any time. Always read and follow all User Instructions supplied with your 3M Technical Service Coveralls in order to ensure correct operation. If you have any questions, contact 3M Technical Service

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 Australian or New Zealand 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.

For more information:

In Australia:



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Rosedale, Auckland 0632

Customer Services: 1300 363 565 Email: 3msupport.safety.au@mmm.com 3M.com.au/ppesafety 3M New Zealand Limited 94 Apollo Drive

For more information: In New Zealand: Customer Services: 0800 252 627 Email: 3msupport.safety.nz@mmm.com 3M.com/nz/ppesafety

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