

3M Personal Safety Division



The Power
to Protect
Your WorldSM

3M

A Culture of Innovation

For more than a century, innovation has been the hallmark of 3M's growth, reflecting a culture of shared ideas and technology.

3M has problem solving expertise and customers across industries and continents that bring together divergent thinking, fresh ideas and perspectives to help you solve your challenges.

We are at the forefront of industry-wide collaboration to bring new materials and solutions from one industry to bear on another. This is one of our greatest strengths.

3M safety solutions support health and safety professionals with innovative ideas and the power to help them protect their world.



Research & Development

3M's business model is to foster organic growth by inventing new products that previously did not exist. This model has led not only to new products, but also the creation of new industries, including several in the Personal Safety area, such as:

- + 3M tinkered with 3M™ Scotchlite™ Reflective Material for eight years before perfecting the technology in the early 1940s. Today, Scotchlite Reflective Material is a global leader in workplace visibility.
- + Over the years, the 3M nonwovens technology platform has migrated across several industries and has been applied to create hundreds of 3M products, including our comprehensive range of 3M™ Disposable Respirators.

“Every company seeks the keys to innovation, but few find them. Over the decades, 3M learned how to be innovative and today the company uses that skill to great competitive advantage.”

Jerry I. Porras, Co-author, *Built to Last*

Personal Safety Solutions

We live in a world where people don't always make the right choice. Health and safety professionals have a challenging job convincing people to wear protective equipment for their own safety.

You must combine compliance to standards and regulations and employee safety, comfort and even style. Everyone wants to look good, but they don't always want to wear protective equipment. We know this and it is why we continue to listen, test and add innovations to improve our products making them more comfortable so people wear them longer.

3M provides solutions for work situations requiring basic personal protective equipment (PPE) through to environments that call for the most sophisticated and comprehensive protection. Our industry leading PPE has long offered safety solutions designed to meet the highest industry standards of excellence.

Whether the customer is a single tradesperson, medium sized business or an organisation employing thousands of workers, 3M has a workplace safety solution to meet your needs.

3M safety brands you can trust:



Training and Support

3M sales and safety professionals work closely with customers to define your issues, identify problems and offer product options. Our experts are available for on-site consultation, training and customised options.

Our qualified and highly experienced team, including Occupational Hygienists, are able to assist customers by:

- + Conducting initial and ongoing assessments of the workplace
- + Recommending appropriate respiratory, hearing, communication, head, eye, face, body and welding protection as well as spill management solutions required to maintain a safe work environment.
- + Providing technical advice about the correct use and maintenance of the solution that has been selected.
- + Facilitating on-site respiratory and hearing protection fit testing as required.

No matter how effective a piece of PPE is, it will offer little or no protection if it is not fitted and/or worn correctly. Proper inspection, cleaning and storage is vital for safety equipment that protects a worker's health and wellbeing. That is why we offer training programs that explain the correct way to fit, inspect, clean and store PPE manufactured by 3M.

Technical Assistance

3M's free TechAssist Helpline is the ideal point of contact for your questions, especially when you require a prompt answer. Supported by trained staff, TechAssist is an immediate link to the worldwide resources of 3M.

Customers can contact TechAssist to answer questions on product information, technical advice, guidance with product selection, Australian/New Zealand Standards and other important information you need on a day-to-day basis.



ANZ Distributor Network

3M distributes our wide range of workplace safety products through a distributor network which includes hundreds of stores and branches throughout Australia and New Zealand. You can locate a distributor near you by visiting the "Where to Buy" section of our website or ring Customer Service.

3M™ Respiratory Protection

A heritage of comfort, fit and performance

In 1972 3M invented the disposable respirator. Since then, we have developed numerous proprietary technologies that have been incorporated into our comprehensive range of disposable, reusable and powered & supplied air respirators.

All 3M respirators meet the performance requirements of Australian/New Zealand Standard AS/NZS 1716:2012 'Respiratory protective devices'.

A major contributor to reduced respiratory protection is poor fit. Reflecting this, a fit test for wearers of respiratory protection is now required for compliance to AS/NZS 1715:2009. 3M pioneered respiratory fit testing and offers Qualitative Fit Test Kits for testing disposable and half face reusable respirators.



Disposable Respirators

Designed to fit most facial sizes, our disposable respirators protect from certain airborne particles, mists and fumes. In addition, our specialty range reduces irritation from certain low level gases and vapours. Also available are lightweight and effective welding respirators. This wide range enables you to select the respirator to suit your environment and specific needs.

The twin strap design, robust outer shell and adjustable nose-clip add to the comfort level you require. Our disposable respirators are compatible with the 3M range of eyewear and hearing protection products.

3M's proprietary Cool Flow™ valve is another advantage exclusive to a selection of our disposable respirators. The exhalation valve efficiently minimises heat and moisture build-up, particularly in hot and humid work conditions.

Reusable Respirators

With the ability to reuse the facepiece, the 3M range of reusable half and full face respirators offers value and versatility for a wide variety of environments and hazards, while giving you the confidence and protection you deserve.

3M™ Gas and Vapour Cartridges and Particulate Filters are lightweight, balanced and provide excellent field of vision when fitted to a respirator.

The proprietary 3M™ Bayonet Connection System on the half and full face respirators ensures precise and secure locking of filters and cartridges.

Powered & Supplied Air Respirators

Providing clean breathable air is essential when working in areas subjected to extremely hazardous airborne contaminants.

3M has developed a comprehensive range of industry proven powered & supplied air respirators, designed and built for tough working environments. In addition to providing respiratory protection, these integrated systems offer high levels of comfort and ease of use that can enable improved productivity in the workplace.

A refreshing air supply with a combination of other protective functions allows the wearer to have respiratory protection as well as eye, head, face and hearing protection and with some systems, neck and shoulder protection as well.

Hearing Protection

As a global leader in sound and noise detection, hearing protection and fit test validation, with our 3M™, E-A-R™ and Peltor™ brands, we deliver easy and comprehensive solutions to complex hearing protection challenges.

3M detection solutions make it easy to measure noise hazards so you can select the appropriate protection for the job. Our detection instruments deliver accurate and reliable measurements and detection management software makes it easy to report and share data.

3M offers an unmatched variety of hearing protectors, making it easy to select the right solution. A variety of earplug and earmuff sizes and materials are available, helping your team determine the correct fit for each person and the right protection for the application. Our innovative products are designed for comfortable, extended wear and they can help your team comply with your safety program.



Integrating hearing protector fit testing into a hearing conservation program benefits everyone from new hires to high-risk workers. The 3M™ E-A-Rfit™ Validation System makes it easier to fit, train and motivate workers and to access and manage the long-term performance of your hearing conservation program.

Communication Headsets

3M's Peltor™ brand is a world leader in the communication equipment field.

Our headsets provide hearing protection while enabling wearers to communicate effectively within their immediate environment as well as with people further away.

The Peltor communications range spans from listen-only headsets that provide connection to audio devices such as some MP3, iPod™ and two-ways, to high attenuation intrinsically safe headsets for use in extreme environments using professional radios.

Other communication solutions from Peltor include tactical headsets for hunting, shooting, military and other applications for people who are subjected to impulse noise, as well as the Workstyle Solutions range that protects hearing and allows wearers to listen to the radio while working or even connect to a telephone or communication radio.

Our innovative in-ear communication systems provide a combination of lightweight hearing protection, ambient listening and the ability to communicate via two-way radios.



Eye Protection

3M™ Protective Eyewear combines superior technologies and design to provide a range of eye protection solutions offering high performance eyewear for most work situations as well as a variety of outdoor recreational activities.

Our safety glasses and goggles deliver innovation, leading-edge design, and advanced coatings, while helping to provide you with the confidence of reliable personal protective equipment.

Head and Face Protection

3M is a trusted leader in the head and face protection market providing comfortable and easy-to-use safety solutions to a wide spectrum of industries. They are compatible with a range of other personal protective equipment for anyone exposed to hazardous environments.

These products combine personal comfort, fashionable looks and overall value. Depending on the use, the wearer can select from several different models and colours.

3M™ Head Protection solutions include hard hats and accessories. These products are engineered exclusively to protect the wearer's head from a variety of hazards.

3M™ Face Protection solutions include faceshields, visors and headgear. These products are uniquely designed to protect the wearer's eyes and face from flying particles/debris or liquid splash

Body Protection

Hazardous dusts and light liquid splashes are just some of the dangers present in today's industrial workplace. 3M™ Protective Coveralls help protect at-risk workers while allowing them to manoeuvre freely and do their jobs efficiently.

The coveralls offer features including breathable panels for greater comfort, fabrics with increased abrasion resistance for added longevity in harsher environments, as well as specialist treatments for added liquid repellency.



The range offers sleek unisex styling, lightweight comfort, protection and unique designs. All 3M Protective Eyewear and Goggles comply with AS/NZS 1337.1 and provide greater than 99.9% UV protection.

3M has a variety of safety goggles that offer different sizes and designs to help you meet both the needs of eyewear safety and compliance, as well as the unique styles and features that workers request.



Most models feature a three-panel hood designed for enhanced compatibility with additional PPE, plus two-way zippers for added on/off convenience. Storm flaps provide additional protection, while seamless shoulder and sleeve tops provide comfort and fewer entry points for contaminants.

Welding Protection

3M™ Speedglas™ is the world's leading brand in advanced personal protective equipment for welders. Speedglas had the first commercially viable auto-darkening welding lens; and with its exclusive technology has been the benchmark for auto-darkening welding helmets ever since.

Speedglas' revolutionary technology continues to make it one of the safest and most reliable brands of auto-darkening welding helmets available. We also offer auto-darkening solutions with powered and supplied air respiratory protection that provide clean, breathable air for welders subjected to hazardous airborne contaminants



Characteristics that have contributed to Speedglas' award winning success include outstanding comfort, simple operation and maintenance requirements, unprecedented ergonomic design and optimum safety.

Our knowledge and experience of welders' working conditions sparks innovative development of products that enable welding performance and make the welder's job safer and more comfortable.

Personal Visibility Solutions

3M™ Scotchlite™ Reflective Material improves visibility and safety for the wearer during daytime, at night or under low light conditions such as bad weather.

As the market leaders in reflective material, 3M has a Scotchlite Reflective product to meet your worker visibility needs. Scotchlite Reflective Materials can be used in many different occupational fields from fire fighting to mining, road construction and police work.

Its superior quality and performance provide long lasting functionality even under harsh conditions.

Detection and Monitoring

Detection products from 3M are rugged, reliable instrumentation and software systems that detect, monitor, measure, evaluate and report occupational and environmental health and safety hazards.

3M's Quest™ Technologies brand is renowned in the sound monitoring technology arena and offers a broad range of heat stress, vibration and noise level monitors.

Spill Management

3M™ Sorbents include general purpose, oil & petroleum and chemical sorbents to absorb liquids ranging from maintenance fluids, lubricants, oil and petroleum based liquids, to a broad range of acids, coolants and other hazardous and non-hazardous fluids.

Non-abrasive, dust free and easy to clean up, 3M sorbents come in a variety of lightweight formats that are easy to deploy in the event of a spill.





For more information about 3M Safety products or solutions please contact us:

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