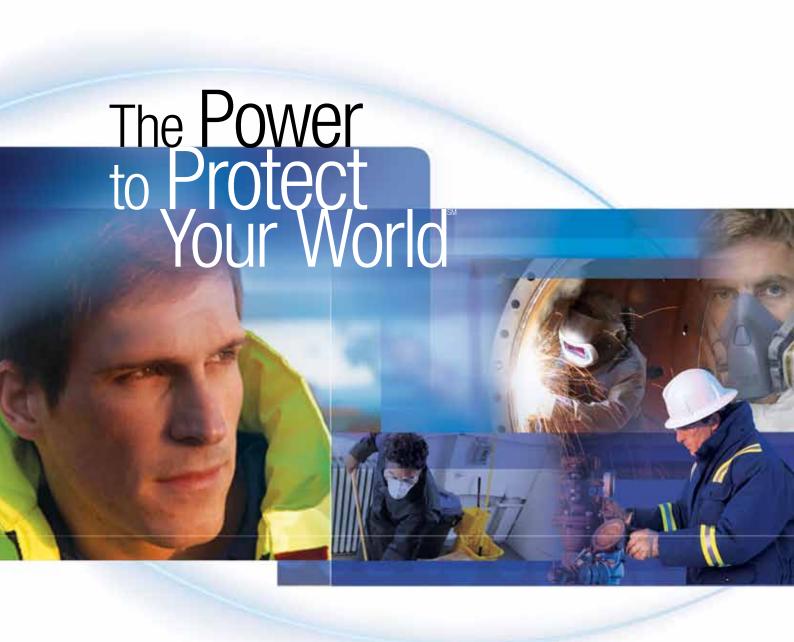
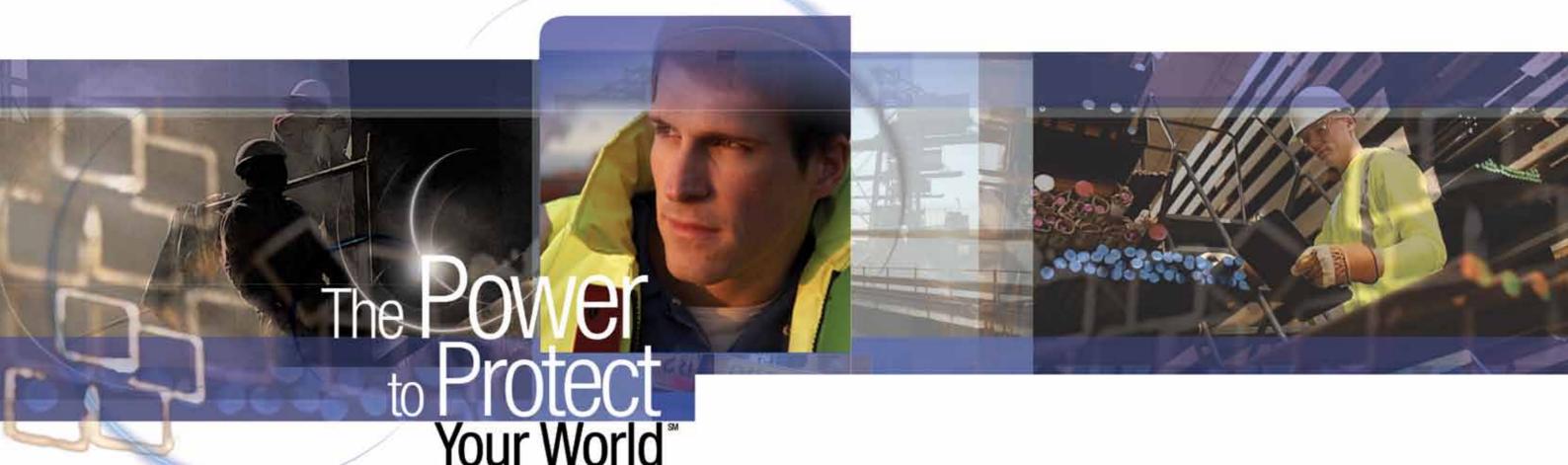
## **3M Personal Safety Division**

Core Range Catalogue







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 so people wear them longer.

We provide solutions for work situations requiring basic Personal Protective Equipment (PPE) through to environments that call for the most sophisticated and comprehensive protection. 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.

When job requirements call for special problem solving expertise, you can rely on 3M to use its diverse industry knowledge and history of innovation to give you the confidence and power to protect your world.

#### The 3M range of solutions for worker safety includes:

- Respiratory Protection Hearing Protection

- Communications
- Spill Management Worker Visibility
- Head, Eye and Face Protection
   Detection & Monitoring
  - Body Protection

### **3M Safety brands you can trust:**









## **Training and Support**

3M's team of Specialist Representatives are available nationally, to provide support and training that meet the needs of our customers.

Furthermore, our qualified and highly experienced team are able to assist customers by:

- · Conducting initial and ongoing assessments of the workplace
- Recommending appropriate respiratory, hearing, eye protection, communication and 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
- Facilitate on-site fit testing for both respiratory and hearing protection solutions, as required

No matter how effective a piece of Personal Protective Equipment (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 well-being.

That is why we offer training programs that explain the correct way to fit, inspect, clean and store the PPE designed and manufactured by 3M.

#### **Technical Assistance**

3M TechAssist 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, Australia/New Zealand Standards and other important information they need to know on a day-to-day basis.

See back cover for Technical Assistance contact details.

#### **ANZ Distributor Network**

3M distributes our wide range of workplace safety products through a network of distributors, resellers and retailers throughout Australia and New Zealand.

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# Passive Hearing Protection

The 3M<sup>™</sup>, E-A-R<sup>™</sup> and Peltor<sup>™</sup> brands offer a hearing protection solution for anyone who spends time in noisy environments. The comprehensive range of 3M and E-A-R earplugs includes disposable, reusable, no-roll down and banded models. They are available in multiple shapes and sizes to comfortably accommodate different wearer and workplace needs. Many 3M and Peltor earmuffs are available in headband, neckband, helmet attachable and folded models to meet virtually every application need and wearer preference.

## No Roll Down Earplugs

## 3M<sup>™</sup> E-A-R<sup>™</sup> Push In with Grip Rings **Earplugs**

Corded: 318-1009 Uncorded: 318-1008

- · Grip rings help the earplugs stay in position
- Unique cone shape inserts easily into the ear canal with comfort
- SLC<sup>80</sup> 26dB (Class 5)



## Disposbale Earplugs

#### 3M<sup>™</sup> E-A-R<sup>™</sup> Classic<sup>™</sup> Earplugs

Corded: 311-1101 Uncorded Pillow Pack: 310-1001 Uncorded Poly Bag: 312-1201

- The original PVC plug that still stands up to the competition
- PVC foam provides a comfortable seal with high protection levels
- SLC80: 21dB (Class 3 Corded)
- SLC80 23dB (Class 4)





## Reusable Earplugs

#### 3M<sup>™</sup> E-A-R<sup>™</sup> Ultrafit<sup>™</sup> Reusable Earplugs

Cased Corded: 340-4002 Cased Uncorded: 340-4001 Corded Polybag: 340-4004

- Reusable triple flange design assists with fitting
- Product available in either polybags or cases for safe storage
- Cost effective hearing protection option
- Available in corded & uncorded formats
- SLC<sup>80</sup> 18dB (Class 3)

## **Banded Earplugs**

## 3M<sup>™</sup> E-A-R<sup>™</sup> Swerve<sup>™</sup> Banded Earplug

Band: 322-2000 Comfort Pod:322-2001 Flex 28 Pod:320-1001



- Adjustable ergonomic design minimises collar interference
- Lightweight & durable plastic flexes for constant on & off wearings
- Product comes with both Comfort Pod SLC<sup>80</sup> 23dB (Class 4) & Flex 28 tip SLC<sup>80</sup> 20dB (Class 3) options



#### PELTOR"

## Indicator/Dectector

#### 3M<sup>™</sup> E-A-R<sup>™</sup> One Touch<sup>™</sup> Dispenser

3M<sup>™</sup> E-A-R<sup>™</sup> One Touch<sup>™</sup> Dispenser Base: 391-1000 3M™ E-A-Rsoft™ Neon Reg Refill: 391-1004 (Class 4) 3M<sup>™</sup> E-A-R<sup>™</sup> Classic<sup>™</sup> Platinum Refill: 391-1007 (Class 4) 3M<sup>™</sup> E-A-Rsoft<sup>™</sup> Neon Lrg Refill: 391-1008 (Class 4) 3M<sup>™</sup> E-A-R<sup>™</sup> Classic<sup>™</sup> Superfit<sup>™</sup> 30 Refill: 391-1009 (Class 4) 3M<sup>™</sup> E-A-Rsoft<sup>™</sup> Superfit<sup>™</sup> Refill: 391-1254 (Class 4) 3M<sup>™</sup> E-A-R<sup>™</sup> Neon Blast Refill: 391-1010 (Class 4)

- Unique dispenser funnel ensures no-waste earplug usage
- Dispenser design holds a variety of E-A-R Earplug options
- The base & dispensing unit are both designed to be reused
- One gentle turn delivers earplugs correctly & consistently
- Each refill bottle holds up to 500 pairs of earplugs





Dispensers and Refills





#### 3M<sup>™</sup> Noise Indicator

#### NI-100

• Small, lightweight noise indicator. Red flashing LED: Noise levels are equal to or above 85 dBA -hearing protection may be required. Green flashing LED: Noise levels are below 85 dBA – hearing protection may not be necessary. Ideal for hearing conservation programs.



#### 3M™ Noise Indicator

#### SD-200

Compact, lightweight sound level meter. Measurements include:

- Sound Pressure Level (SPL)
- Average value (LEQ /LAVG)
- LED Alert (with Hearing Protection icon)
- · Maximum value (MAX)
- Minimum value (MIN)
- Run-Time, Overload (OL)
- Under-Range (UR

## **Earmuffs**

#### 3M™ Peltor™ Earmuffs H7 Series

Headband: H7A Helmet Attached: H7P3E Helmet Attached: H7P3G Helmet Attached: H7P3M Folding: H7F



Folding HV: H7F HV

- Versatile high quality earmuffs meet the protection needs of almost any working environment
- · Available in headband, neckband & helmet attachment formats
- High visibility option available
- · Liquid & foam filled cushions provide a quality noise seal with low pressure for all day wearer comfort
- Stainless steel headband wires with four point suspension helps distribute cushion pressure evenly & earcups pivot for consistent fit
- SLC<sub>oo</sub> 30dB (Class 5).

# 3M<sup>™</sup> Entry Level Folding Earmuff 1436

Headband: 1436

Economical headband earmuff

• SLC<sub>oo</sub> 26dB (Class 5)





# Eye Protection

3M's safety eyewear combines superior technologies and design to provide a range of solutions that span the function and price spectrum, providing high performance eyewear for most work situations as well as a variety of outdoor recreational activities. 3M safety glasses and goggles provide high quality optics and reliable UV protection.

## Safety Spectacles

#### 3M™ Maxim GT Series

Clear Anti Fog/Hard Coat: 14246-00000-100AS Grey Anti Fog/Hard Coat: 14247-00000-100AS

- Lightweight elastomeric browguard, wrap around lens with anti-fog coating
- Style and comfort
- Dual-injected brow bar and temples
- 3-position lens adjustment and adjustable temple lengths
- AS/NZS 1337.1 Medium Impact

#### 3M<sup>™</sup> Lexa Series

Lrg Clear Anti Fog/Hard Coat: 15300-10000 Med Clear Anti Fog/Hard Coat: 15320-10000 Med Grey Anti Fog/Hard Coat: 15324-10000

- Adjustable lens angles & arm lengths ensure a comfortable fit for all day wearers
- Frames include a lightweight construction for extra comfort
- Design delivers extended viewing range without distortion
- Lenses include the market leading DX anti-fog coating
- All lenses deliver greater than 99% UV protection
- AS/NZS 1337.1 Medium Impact

## 3M™ Virtua AP Series

Clear Anti Fog/Hard Coat: 11818-00000-100AS Grey Hard Coat: 11815-00000-100AS Amber Hard Coat: 11817-00000-100AS Mirror Hard Coat: 11847-00000-100AS

- Sleek unisex styling, lightweight, comfortable and exceptional value
- Wrap around polycarbonate lenses and integral side shields to provide comfortable fit and ultimate protection
- All lenses deliver greater than 99% UV protection
- AS/NZS 1337.1 Medium Impact

#### 3M™ Virtua Series

Clear Hard Coat: 10419-00000 Clear Anti Fog: 10420-00000

- Safety eyewear that delivers protection with a streamlined design
- Entry level eyewear that is ideal for visitors & temporary workers
- Popular unisex styling & lightweight design delivers wearer comfort
- Available in uncoated, hard coat & anti-fog lens formats
- All lenses deliver greater than 99% UV protection
- AS/NZS 1337.1 Medium Impact

## Specialty Safety Spectacles

## **3M<sup>™</sup> Photochromic Eyewear**

Transition: 10423-00000

- Safety eyewear with the added benefit of a transitioning lens
- Photochromic lens is UV reactive so lightens or darkens automatically in seconds
- Lenses deliver greater than 99% UV protection
- Durable frame with nylon brow and magnesium alloy temples
- AS/NZS 1337.1 Medium Impact Rating
- Black Frame/Transitioning Hard Coat Lens

## 3M™ Light Vision II Series

Clear Anti Fog: 10425-00000

- Light Vision II provides workers with hands-free direct lighting
- Ideal for intricate work where extra lighting and both hands are required
- Dual LED lights are adjustable so light is directed where needed
- LED lights have a long battery life of up to 50 hours
- Wrap around design provides high wearer protection levels
- Light Vision II products come with a microfibre bag & lanyard
- AS/NZS 1337.1 Medium Impact Rating

## Safety Goggles

## **3M<sup>™</sup> Fectoggle Series**

Dust Clear Anti Fog: 16412-00000-100AS

 Soft frames combine with the Lexa lens for a lightweight, stylish & comfortable goggle solution



- Soft foam seals out harmful dust & particulates
- Top & bottom vent channels improve air flow
- Lenses feature DX anti-fog & deliver greater than 99% UV protection
- AS/NZS 1337.1 Medium Impact

#### 3M<sup>™</sup> Lexa Splash Series

Splash Clear Anti Fog: 16645-00000-100AS

 Soft frames combine with the Lexa lens for a lightweight, stylish & comfortable goggle solution



- Soft PVC frame delivers ideal splash protection
- Top & bottom vent channels improve air flow
- Lenses feature DX anti-fog & deliver greater than 99% UV protection
- AS/NZS 1337.1 Medium Impact

## 3M<sup>™</sup> Fahrenheit Series

Splash Anti Fog: 40170-00000 Splash Hard Coat: 40171-00000 Splash Anti Fog Non Vented: 40172-00000 Dust Anti Fog: 40173-00000

- Aerodynamic design for 180 degrees of distortion free vision
- Built-in channel designed to fit prescription frames
- Market leading DX anti-fog coating on selected models
- 40173 model available with a foam frame for dust protection & added comfort
- AS/NZS 1337.1 Medium Impact





# Disposable Respiratory Protection

3M have respirators that fit well, are comfortable and provide the protection you need. Our disposable respirators are compatible with evewear and hearing protection products from 3M. Additionally, our disposable respirators meet the performance requirements of AS/NZS 1716:2012 'Respiratory protective devices'.

To achieve the assigned protection of a tight fitting face-piece there must be a good seal between the edges of the respirator and your face. Conducting a fit test to AS/NZS 1715:2009 is considered best practice as part of a general respiratory protection program.

## Flat Fold Respirators

### 3M<sup>™</sup> Flat Fold Particulate Respirators 9300 Series

9322: P2, valved / 9320: P2

- Unique 3-panel design fits a wide range of face sizes
- Low profile provides good field of
- Proprietary 3M<sup>™</sup> Cool Flow<sup>™</sup> exhalation valve reduces heat and moisture build-up, making breathing easier (9322)
- Individually packaged for portability in the workplace
- Applications e.g. P2: light welding, infection control, shipbuilding

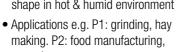
## 3M<sup>™</sup> Folded Particulate Respirators K Series

K102: P2 / K101: P1

- Single loop allows for easy adjustment of length
- Staple free, ideal for food manufacturing industry
- Diamond shaped front maintains its shape in hot & humid environment
- quarrying







## **Cupped Respirators**

## 3M<sup>™</sup> Cupped Particulate Respirators 8300 Series

8322: P2, valved / 8320: P2

- Super soft cushion lining provides greater comfort
- Robust outer shell construction offers added durability
- Flexible textured edge offers a comfortable and secure fit
- Proprietary 3M<sup>™</sup> Cool Flow<sup>™</sup> exhalation valve helps to breathe easier during prolonged wear (8322)
- Applications e.g. P2: iron & steel foundries, metalworking

10

## 3M<sup>™</sup> Cupped Particulate Respirators 8000 Series

8210: P2 / 8812: P1, valved 8710: P1

- Lightweight construction for added comfort and increased wearer time
- Galvanised steel nose clip for use in intrinsically safe environment (8812 & 8710)
- Adjustable nose clip helps reduce eyewear fogging
- Applications e.g. P1: sawing, drilling. P2: composting, handling infected animals







## Specialty Respirators

## 3M<sup>™</sup> Particulate Respirators with Nuisance Level\* Organic Vapour Relief

9913V: GP1, valved / 9913: GP1 9542A: P2

- Activated carbon layer provides protection against nuisance levels\* of organic vapours and odours
- Galvanised steel nose clip for use in intrinsically safe environment e.g. underground use (9913V & 9913)
- 9542A is individually wrapped & has folded design for easy storage and dispensing in the workplace
- Applications e.g. metal processing, foundry operations, waste disposal & recycling

**3M**<sup>™</sup> Welding Respirators



## 3M<sup>™</sup> Particulate Respirators with Nuisance Level\* Acid Gas Relief

9916: P1, valved / 9915: P1

- Robust shell maintains its shape during wear
- The treated carbon layer provides protection from nuisance levels\* of acid gases, e.g. sulphur dioxide and hydrogen fluoride
- Proprietary 3M<sup>™</sup> Cool Flow<sup>™</sup> valve reduces heat and moisture build-up in hot and humid working environment (9916)





## Fit Testing

## 3M™ Qualitative Fit Test Kits

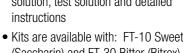
8514 & 8512: P2, valved FT-10 Sweet & FT-30 Bitter

- For welding applications. Minimises ozone and welding fumes
- Low profile design allows compatibility with welding shields
- Flame retardant, cake resistant filter media reduces caking of particles on filter surfaces
- 8514 has an activated carbon layer to filter out ozone and nuisance levels of organic vapour
- Proprietary 3M<sup>™</sup> Cool Flow<sup>™</sup> valve helps to remove exhaled air and minimise risk of misting eyewear





- Designed for fit testing negative pressure respirators e.g. 3M<sup>™</sup> Disposable & Reusable Respirators
- · Each kit contains a hood and collar assembly, two nebulisers, sensitivity solution, test solution and detailed instructions

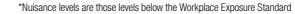


- (Saccharin) and FT-30 Bitter (Bitrex) solutions
- Fit test for wearers of respiratory protection is required for compliance to AS/NZS 1715:2009
- · Offers fast, easy to use method for performing qualitative fit testing

### Which 3M Disposable Respirator is appropriate for my application?

- P1 is the rating given to a respirator which meets AS/NZS 1716:2012 for filtering mechanically generated particles, e.g., particles formed by crushing, grinding and sanding.
- P2 is the rating given to a respirator which meets AS/NZS 1716:2012 for filtering mechanically and thermally generated particles, e.g., those from welding fume. Respirators with P2 rating are also recommended for use in certain applications against some bioaerosols such as H1N1 and H5N1 Influenza.
- Type 'G' class rating is suitable for low vapour pressure (below 1.3Pa @ 25°C) organic compounds e.g. many agricultural chemicals like herbicide and pesticide.





# Reusable Respiratory Protection



With the ability to reuse the facepiece, the 3M range of reusable half and full face respirators offer value and versatility for a wide variety of environments and hazards, while giving you the confidence in protection you deserve. 3M gas and vapour cartridges and particulate filters are lightweight, well balanced and provide excellent field of vision when fitted to a respirator.

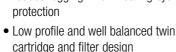
## 3M<sup>™</sup> Half Face Respirators

#### 3M<sup>™</sup> Half Face Respirator 6000 Series

- Simple and lightweight reusable respirator
- Thermoplastic Elastomer (TPE)
- Cradle head harness and easy to fasten neck strap
- Low profile and well balanced twin cartridge and filter design
- For use with 3M<sup>™</sup> 2000, 5000 and 6000 series cartridges and filters (sold separately)
- Sizes: 6100 (small), 6200 (medium), 6300 (large)
- Complies with AS/NZS 1716:2012

#### 3M<sup>™</sup> Half Face Respirator 7500 Series

- Soft silicone material for extra comfort and durability
- Proprietary 3M<sup>™</sup> Cool Flow<sup>™</sup> Exhalation valve and design helps reduce fogging when wearing eye protection



- For use with 3M<sup>™</sup> 2000, 5000 and 6000 series cartridges and filters (sold separately)
- Sizes: 7501 (small), 7502 (medium), 7503 (large)
- Complies with AS/NZS 1716:2012



## 3M<sup>™</sup> Respirator Starter Kits

## **3M<sup>™</sup> Respirator Starter Kits**

- Convenient and easy to use an ideal solution to get you started
- Protection for a range of applications, from paint spraying to sanding or welding
- All kits include a pair of 3M<sup>™</sup> Earplugs, 3M<sup>™</sup> Respirator Cleaning Wipes and a 3M Respiratory Protection Guide
- Store the respirator in the handy, sealable storage container, avoiding moisture and contaminant exposure
- Complies with AS/NZS 1716:2012

Dust/Particle Respirator Kit



CODE	Description	Filter Rating	Size	Applications	
Half Face Respirator 7500 Series					
7528	Welding Respirator Kit	GP2	М	Welding, soldering/brazing, grinding/polishing, drilling, metal pouring, machining	
7551	Spraying Respirator Kit	A1P2	М	Paint spraying, pesticide spraying, chemical handling, fibreglassing, printing, degreasing	
Half Face Respirator 6000 Series					
6228	Welding Respirator Kit	GP2	М	Welding, soldering/brazing, grinding/polishing, drilling, metal pouring, machining	
6251	Spraying Respirator Kit	A1P2	М	Paint spraying, pesticide spraying, chemical handling, fibreglassing, printing, degreasing	
6259	Multi-Gas Respirator Kit	A1B1E1K1P2	М	Range of vapours and gases including (but not limited to): Chlorine, Sulphur Dioxide, Solvents (boiling points >65°C), Hydrogen Sulphide, Ammonia, Hydrogen Chloride	
6225	Duet/Particle Recairator Kit	D2	M	Sanding/sawing, lead paint removal, food manufacturing, insulation, drilling/cutting, masonry,	

grinding, powder coating

## 3M<sup>™</sup> Full Face Respirators

#### 3M<sup>™</sup> Full Face Respirator 6000 Series

- Lightweight and well balanced
- · Simple and easy to use
- · Wide field of vision. Polycarbonate, high impact visor
- Proprietary 3M<sup>™</sup> Cool Flow<sup>™</sup> Exhalation valve provides low breathing resistance and minimises heat bulid-up in the respirator
- Low profile and well balanced twin cartridge and filter design
- For use with 3M<sup>™</sup> 2000, 5000 and 6000 series cartridges and filters (sold separately)
- Sizes: 6700 (small), 6800 (medium), 6900 (large)

## 3M<sup>™</sup> Filters and Cartridges







5925





2125

- For use with 3M<sup>™</sup> Half and Full Face Respirators
- 3M<sup>™</sup> Bayonet Connection System ensures precise and secure locking
- Low profile and well balanced twin cartridge and filter design
- Meets the performance requirements of AS/NZS 1716:2012

CODE	Description	Filter Rating	Applications
6051	Organic Vapours (boiling point >65°C)	A1	For protection when cleaning with or using organic solvents e.g. Toluene, xylene and MEK. Also degreasing, mixing, using paint thinner, lacquers and glues
6059	Multi-gas: Organic Vapours (boiling point >65°C), Inorganic and Acid Gases, Ammonia and Methylamine	A1B1E1K1	For protection when working with a variety of chemicals such as organic vapours, chlorine, hydrogen chloride, sulphur dioxide, hydrogen fluoride, hydrogen sulphide, ammonia, methylamine, and formaldehyde
2125	Particulates	P2	For protection against certain dusts, mists and fumes such as sanding, grinding, cutting, drilling metal, masonry, wood and concrete
2128	Particulates, Ozone and Nuisance Level* Acid Gas and Organic Vapours with Low Vapour Pressure	GP2	For protection against welding fume, ozone, polishing and grinding particles. Also outdoor spraying of pesticides or herbicides with vapour pressure <1.3 Pa @ 25°C
2135	Toxic Particulates	P2/P3**	For protection against toxic particulates such as asbestos (refer to Government guidelines") and beryllium
5925	Particulates	P2	P2 protection against dusts and mists, including those containing oil For use with the 6000 series cartridges and the 501 retainer
501	Filter Retainer 501	n/a	For attaching 5925 particulate filter to the 6000 series cartridges

<sup>\*</sup> Nuisance levels are those levels below the Workplace Exposure Standard (WES)



6225

<sup>\*\*</sup> P3 Filters used when a higher protection factor is required. P3 Protection achieved only when worn with a 3M Full Face Respirator

<sup>\*\*\*</sup> Refer to Australia State OHS guidelines or New Zealand Ministry of Business, Innovation & Employment Guidelines (previously known as Department of Labour)

# **Body Protection**



3M offers a comprehensive range of disposable coveralls that provide protection for a variety of applications including food processing, light-duty industrial cleaning, asbestos removal, painting and coating, pesticide spraying and chemical spills, as well as decontamination and tank cleaning.

## 3M<sup>™</sup> Disposable Protective Coveralls

#### 3M<sup>™</sup> Protective Coverall 4510

The 4510 is constructed of high quality laminated microporous material and is designed to offer cost effective protection against hazardous dusts and light liquid chemical splashes.

- CE Type 5 & 6 for hazardous dust and splash
- Anti-static protection to EN 1149-5:2008
- Two-way zipper with storm flap for added convenience and extra protection
- Ultra low-linting

#### **Most Suitable Applications:**

- General Industrial Processing
- Machine or Vehicle Maintenance
- Paint Spraying

#### 3M<sup>™</sup> Protective Coverall 4515

The 4515 is made from a breathable material and is ideal for a wide range of applications, particularly hazardous dusts.

- CE Type 5 & 6 for hazardous dust and splash
- 2-way zipper for added convenience
- Elasticated hood, cuffs, waist and ankles for a comfortable fit

#### **Most Suitable Applications:**

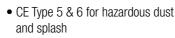
- Asbestos Inspection
- Site Preparation
- Insulation

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• General Powder Handling

#### 3M<sup>™</sup> Protective Coverall 4520

The 4520 is made from a 5-layered breathable and lightweight (43gsm) material (SMMMS), making it an extremely comfortable coverall to wear.



- Anti-static protection to EN 1149-5:2008
- 2-way zipper with sealable tab on storm flap
- 3-panel hood design for enhanced compatability with complimentary PPE
- Knitted cuffs with elasticated waist and ankles

#### **Most Suitable Applications:**

- Asbestos Inspection
- General Powder Handling
- Woodworking
- Insulation

## 3M<sup>™</sup> Protective Coverall 4530+

The 4530+ is made from a unique combination of breathable non-woven fabrics and specialist treatments including anti-static and a new alcohol and oil repellency, resulting in a higher level of protection, greater comfort and suitability for a wide range of applications.

- CE Type 5 & 6 for hazardous dust and splash
- Anti-static protection to EN 1149-5:2008
- 2-way zipper with fully resealable storm flap
- 3-panel hood design for enhanced compatability with complimentary PPE
- Knitted cuffs with elasticated waist and ankles
- Low-linting

#### Most Suitable Applications:

- Cement Manufacturing
- Polishing
- Oils & Petrochemicals
- Glass Fibre
- Light Industrial Cleaning
- Painting & Coating
- Resins

#### 3M<sup>™</sup> Protective Coverall 4540+

The 4540+ uses microporous material and as such, is soft and light, but maintains CE Type 5 and 6 protection. The blue panel in the back is made from a more breathable SMMMS material that helps increase air ventilation and reduce heat build-up resulting in a highly versatile coverall.



- CE Type 5 & 6 for hazardous dust and splash
- Anti-static to EN 1149-5:2008 (Laminate Section Only)
- Breathable back panel for reduced heat stress
- 3-panel hood design for enhanced compatability with complimentary PPE
- 2-way zipper with fully sealable storm flap
- Knitted cuffs with elasticated waist and ankles
- Low-linting

#### Most Suitable Applications:

- Coatings & Resins
- Polishing
- Pharmaceutical Processing
- Machine or Vehicle Maintenance
- Paint Spraying
- General Industrial Processing

## 3M™ Protective Coverall 4570

- Advanced film to help protect hazardous dusts (Type 5), light liquid splashes (Type 6), low pressure liquid sprays (Type 4), higher pressure liquid jets (Type 3) and biohazards
- Soft material produces minimal noise when moving and working
- Glued-in elastic waist to minimise entry points and elastic wrists and ankles
- Two stormflaps combined with double colour-coded zip to create a double seal

- Large ring-pull zippers for easy donning and doffing when wearing gloves.
- Taped seams and particle tight fabric for reliable protection
- Thumb loops for secure fit during overhead work
- · 3-panel hood design
- Protects from certain biological contaminants (tested to EN14126)\*
- Anti-static treated (meets EN1149) inner side only
- Consult class results in Technical Data Sheet or User Instructions

#### **Most Suitable Applications:**

- Chemical Mixing & Handling
- Hazardous Waste Remediation
- Environmental Clean-Up
- Tank Cleaning
- Decontamination





# **Active Hearing Protection**

3M's Peltor brand is a world leader in communication equipment. The extensive range provides hearing protection and enables wearers to communicate effectively within their immediate environment as well as with people further away.

## 3M<sup>™</sup> Peltor<sup>™</sup> Communication Headsets

#### 3M<sup>™</sup> Peltor<sup>™</sup> Lite Com<sup>™</sup> III

Headband: MT53H7A430B Neckband: MT53H7B430B Helmet Attachment: MT53H7P3E430B

- Designed for people who work in teams or groups, where communication is essential
- 69 two way radio channels on the LPD 433 MHz band
- Built-in level dependent function lets you hear ambient sounds; warning signals, machine sounds, conversation, etc. Sudden impulse noise at harmful levels are immediately attenuated
- Electronic voice guided menu system
- LCD display to visualise standard and advanced settings
- Separate PTT (push to talk) button for the auxiliary input, where a mobile phone, radio, or other audio source can be connected
- Squelch, VOX and audio input adjustment lets you configure the earmuff
- Class 5 Protection

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#### 3M™ Peltor™ ProTac™ II

Headband: MT15H7A2 SV Neckband: MT15H7B2 SV Helmet Attachment: MT15H7P3E2 SV

- Improves communication and safety
- Level dependent function in stereo that lets you hear ambient sound:conversation, machine sounds and warning signals
- Headset option with guide-mounted microphone
- Low battery warning signal
- Automatic shut-off after two hours if no function is used
- Battery life is approximately 1000 hours (AA Batteries).
- Audio input jack for external radio
- Available as headband, neckband or helmet attachment
- Class 5 Protection

## 3M<sup>™</sup> Peltor<sup>™</sup> HearPlug<sup>™</sup> Communication Earplugs

- Ideal where earmuffs cannot be worn i.e, under helmets or hoods
- Listen-only earpiece with 3.5 or 2.5mm mono plug
- Disposable and reusable communication earpieces included
- Lets you connect to lapel microphones & audio devices



## 3M<sup>™</sup> Peltor<sup>™</sup> Worktunes<sup>™</sup> Plus

Headband: M2RX7A 290 Helmet Attachment: M2RX7P3E

- The AM/FM radio provides hearing protection with music while you work
- The level dependent function allows you to hear sounds, warning signals, machinery and conversations.
   Sudden impulse noise at harmful levels are immediately attenuated
- Easy-to-handle volume control knobs for radio and level dependent function
- Switches automatically from stereo to mono for the best reception in the event of a weak signal
- AM/FM switch to choose your radio reception
- Class 5 Protection

## 3M<sup>™</sup> Peltor<sup>™</sup> High Attenuation, Standard Headset

Headband: MT7H79A Neckband: MT7H79B Helmet Attachment: MT7H79P3E

- Connects to two-way Radio's via a PTT adapter for clear consise comunication
- High-attenuating shells with optimised acoustic design and spacial ear cups, offer great sound quality and comfort
- Dynamic speech microphone with effective noise compensation for clear and reliable communication
- Quick positioning boom microphone for easy handling
- Standard J11 connection (Nexus TP-120)
- · Class 5 Protection

## 3M<sup>™</sup> Peltor<sup>™</sup> SportTac<sup>™</sup>

PELTOR

#### Headband: MT16H210F-478-GN

- Developed specifically for hunting and sport shooting with low profile, green/orange cups
- Smooth level dependent function, which eliminates abrupt sound cut-off
- Equipped with automatic shut-off function
- Collapsible design for easy storage
- Input jack, allows you to connect to selected two-way radios or other electronic audio devices
- · Water resistant exterior
- Class 4 Protection

## 3M<sup>™</sup> Peltor<sup>™</sup> ORA TAC

#### MT10FL10

In-ear communications headset, delivers many wearer-friendly advantages including;

- No ear-cups reduce weight & heat
- Moisture-resistant PTT button
- Fits with most respirators, eyewear, face masks and helmets
- Level dependent function
- In-ear microphone eliminates need for a boom mic
- Quick radio connect/disconnect
- Omni-directional reception
- Connects to certain two-way radios via a flex cable for clear, concise communication







# Powered and Supplied Air Respiratory Protection

3M's powered air purifying respirators (PAPR) and supplied air respirators (SAR) provide a clean breathable air supply with a combination of other protective functions allowing wearers to have integrated personal protection - respiratory as well as eye, face, head and in some cases, hearing and neck & shoulder protection.

## **Headtops and Air Filter Units**

## 3M<sup>™</sup> Versaflo<sup>™</sup> M-100 Series High Impact Faceshield

M-106 (Australia Only) M-107

High Impact Faceshield for respiratory, eye & face protection:

- M-106 features a comfortable. high durability faceseal for dusts, spraying and chemical processing
- M-107 features a flame resistant faceseal for applications where hot particles may be present as well as dusts, spraying & chemical processing



## 3M<sup>™</sup> Versaflo<sup>™</sup> M-400 Series High Impact **Helmet with Neck Protector**

M-406 M-407

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High Impact Helmet for respiratory, head, eye & face with additional neck and shoulder protection:

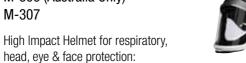
- M-406 features a comfortable, high durability outer shroud for heavy industry heavy industry applications such as demolition and excavation
- M-407 features a flame resistant outer shroud for heavy industry applications such as smelting and grinding



## 3M<sup>™</sup> Versaflo<sup>™</sup> M-300 Series **High Impact Helmet**

M-306 (Australia Only) M-307

preparation activities



- M-306 features a comfortable. high durability faceseal for heavy industry, construction, and surface
- M-307 features a flame resistant faceseal for heavy industry applications where hot particles may

## 3M<sup>™</sup> Versaflo<sup>™</sup> Headcover S-133

S-133S/L

Ready to use cost effective Headcover for general purpose applications

- Integrated Head Harness
- Available in two adjustable sizes: Small & Large
- Excellent field of view, particularly up/down



#### Impact approvals for Headtops and Face-pieces Versaflo Faceshield, M-100: AS/NZS 1337.1 High Impact Eye Protection AS/NZS 1337.1 High Impact Eye Protection Versaflo Helmet, M-300, M-400: AS/NZS 1801 Type 1 Industrial Helmet Powerflow 6800 Plus Face-piece: AS/NZS 1337.1 High Impact Eye Protection AS/NZS 1337.1 High Impact Eye Protection Airstream Helmet PAPR: AS/NZS 1801 Type 1 Industrial Helmet

## 3M<sup>™</sup> Versaflo<sup>™</sup> Hood Assembly S-655

#### S-655

Cost effective choice for high disposal rate environments where the soiled hood is replaced, while the head suspension is retained.

- Independent adjustment of crown size and head circumference of reusable suspension allow for custom fit and optimised wearer comfort
- Externally adjustable collar allows wearers to control direction of airflow for personal comfort
- · General purpose with knitted inner collar
- Excellent field of view, particularly up/down

## 3M<sup>™</sup> Powerflow<sup>™</sup> 6800 Plus Face-mounted PAPR

#### 902-02-12

- Wide view high impact full-face mask connected to a face-mounted air filter unit
- Applications include, asbestos abatement industry where significant levels of fibres are routinely present in the workplace atmosphere
- Belt-mounted battery pack with rounded shape and smooth surfaces that allow for easy decontamination
- P3 filter & 8hr NiCd battery
- Meets the performance standards of AS/NZS 1716 for respiratory

#### 3M<sup>™</sup> Airstream<sup>™</sup> Helmet PAPR

#### 902-02-93

- Versatile head-mounted PAPR system where the blower motor and filter components are integrated into the helmet
- Can be optionally equipped with earmuffs
- Meets the performance standards of AS/NZS 1716 for respiratory protection and AS/NZS1337 for high impact head, eye and face protection

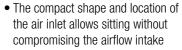


TR-315A

#### The Versaflo PAPR kit is a ready to use kit, inclusive of Air Turbo, Battery Charger, Length Adjusting Breathing Tube. Air flow Indicator and Standard Waist Belt:

3M™ Versaflo™ PAPR kit





- Sophisticated electronic controls maintains airflow control at the factory calibrated 190 l/min eliminating the need for regular calibration by the User
- Audible and visual alarm signal to the user when there is either low charge or low airflow
- LED guage on the battery itself indicate charge status
- Backpack also available.
- Meets the performance standards of AS/NZS 1716 for respiratory protection

## 3M<sup>™</sup> Jupiter<sup>™</sup> PAPR

#### 902-01-79

- The Jupiter PAPR kit is a ready to use kit, inclusive of Air Turbo, 8hr NiMH Battery Pack Pack and **Decontamination Belt**
- Motor self adjusts to keep airflow at user set calibration flow point
- Compatible with all 3M Headtops
- Designed to deal with dusts, particles, fumes, gases and vapours produced in the workplace
- Visual & audible alarm for low battery or low airflow
- Available with Intrinsically Safe option
- Meets the performance standards of AS/NZS 1716 for respiratory protection





# Head & Face Protection



3M is the trusted leader in the head and face protection market providing robust, comfortable and easy-to-use products to a wide spectrum of industries. These products are designed for strength, to provide all day comfort, enhance visibility, and sometimes serve as "carrier" to other personal protective equipment (PPE) products.

## **Forestry Kits**

#### 3M<sup>™</sup> G500 Headgear

#### G500V5FH510-GU G500V5CH510-OR

The 3M™ Headgear G500 provides a versatile and comfortable solution for wearers who require both face and hearing protection. The G500 has special design features making it easy to combine the headgear with other 3M safety products such as face shields, passive earmuffs or communication headsets.



- Ratchet for size adjustment
- Printable front cover for customised solutions
- Replaceable sweatband
- Compatible with a wide range of 3M<sup>™</sup> Peltor<sup>™</sup> passive and communications earmuffs
- Change visors quickly and easily
- Slimline earmuffs Class 4

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## **Hard Hats**

#### 3M<sup>™</sup> Peltor<sup>™</sup> G2000 Helmet

G2000CUV-GU G2000CUV-OR G2000NUV-OR G500V5FH510-GU Headgear Combination Industry Polycarbonate G500V5CH510-OR



Material: UV-stabilised ABS.

Colours: Yellow, white, orange, red,

blue and green Weight: 340 g Size: 54-62 cm

## **3M<sup>™</sup> Peltor<sup>™</sup> Lumberjack**

#### G2000CUOR31V4-C-01

The Peltor lumberjack system combines head, face and hearing protection. This unit was developed for the logging and gardening industry. It has a uniquely designed front visor shield which helps eliminate sawdust and rain from falling between the mesh screen and helmet. The mesh visor and earmuffs can be swiveled both up or down. The rain guard protects your neck from debris and rain



## **Visors**

#### 3M™ Peltor"

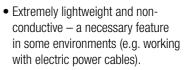
#### V4A

- Made of steel with a matt finish.
- The design ensures excellent strength and stability.
- A visor for extremely harsh working environments.
- Steel mesh: Ø0.3 1.8 x 1.8 mm.
   Light reduction: 35%. Weight: 90 q.

## 3M<sup>™</sup> Peltor

## V4B

 Made of black polyamide with a matter finish.



 Polyamide mesh: Ø0.3 1.0 x 1.0 mm. Light reduction: 45%. Weight: 70 g.



#### 3M™ Peltor™

#### V4F

- Excellent high impact-resistant colourless visor.
- Made from high quality polycarbonate, offering high impact and scratch resistant protection.

Material: Polycarbonate. Temperature range: -40°C to +130°C
Thickness: 1 mm. Weight: 110 q



## 3M<sup>™</sup> Peltor

#### V4D

- Clear visor.
- Made of cellulose acetate, which is highly resistant to chemicals.
- The visor has good optical properties and has anti-fog treatment on both sides.

Material: Anti-fog cellulose acetate. Temperature range: -40°C to +100°C Thickness: 1 mm. Weight: 120 g



<sup>\*</sup> All visors are designed to attach to 3M Peltor cap attached earmuffs.

# Spill Management



The range of 3M<sup>™</sup> Sorbents includes general purpose, oil/petroleum, chemical and biodegradable sorbents to absorb liquids ranging from maintenance fluids, lubricants, oil and petroleum, to a broad range of aggressive acids and alkalis. They are available in a variety of formats including booms, pads, rolls, pillows, granular and spill kits.

## Oil & Petroleum Sorbents

#### 3M™ Oil & Petroleum Sorbent Pad

#### HP156

- Hydrophobic (repels water)
- Absorbs up to 1.4L per pad
- Can be used outside as well as in-plant
- Handy dispenser box for easy on-site
- Can be reused, with 90% of the absorbed oil able to be rung out and reclaimed



## 3M<sup>™</sup> Oil & Petroleum Economy Sorbent Pad

#### EP156

- Hydrophobic (repels water)
- · Cost-effective as oil and other petroleum-based fluids, not water, are
- Absorbs up to 0.6L per pad

## 3M<sup>™</sup> Oil & Petroleum Folding Sorbent

#### P-FL550DD

Can be used as a:

- Boom
- Pillow
- Pad
- Roll
- Perforations every 40cm, select length needed, resulting in less wastage

## 3M<sup>™</sup> Oil & Petroleum Spill Kit

- Capacity to absorb 25 Litres
- · Designed to contain a small oil or fuel
- Can be easily stored in the cabin of transport vehicles for quick deployment

#### SRCB-Petro

- · Compact and lightweight

## General Purpose Sorbents

## **3M<sup>™</sup> General Purpose Sorbent Pad**

#### M-PD1520DD

- Suitable for industrial machinery leaks, drips, spills and splashes of nonaggressive fluids.
- Promotes a cleaner, safer working
- Very easy to use and to retrieve.
- Reduces the risk of contamination of finished products.
- Reduces the risk of damage to valuable
- Significantly less waste to dispose of

## 3M<sup>™</sup> General Purpose Folding Sorbent

#### M-FL550DD

Can be used as a:

- Boom
- Pillow
- Pad
- Roll
- Perforations every 40cm, select length needed, resulting in less wastage



M P-FL550DD



# **Workplace Visibility Solutions**

Visibility by day and night is an essential safety aspect for workers who are exposed to dangers during their daily work.

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 firefighting to mining, road construction and police work.

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



The wide range of 3M Scotchlite Reflective Material products allows you to design shirts, pants, vests, jackets, rainwear, footwear, helmets and apparel that satisfy your exact specifications.

## The 3M Australia Supply Program -**Your Guarantee**

The 3M Australia Supply program offers Australian customers the certainty of authentic 3M™ Scotchlite™ Reflective Material when purchasing any garments incorporating our retro-reflective trim.

Also, purchasing through the 3M Australia Supply program entitles you to an array of technical services that our high visibility workwear experts can provide.

As an added benefit, 3M Australia offers a full garment replacement warranty in the event of a reflective material failure - providing even more certainty that you have made the right choice.



Always ask if your product is supported by the 3M Australia Supply Guarantee or check the garment for the above sew-in "3M Australia Supply" yellow label.





#### 3M offers over 2000 personal health and safety products for:

- Body Protection
- Head, Eye & Face Protection
- Hearing Protection
- Active Communications
- Respiratory Protection
- Welding Protection
- Spill Management



# Stay Current on Respiratory Protection

# **Respiratory Protection Services**

**3M'S ADVANCED RESPIRATOR TRAINING:** This training is available to Health and Safety professionals or individuals charged with starting or running a Respiratory Protection Program.

**3M'S QUALITATIVE FIT TESTING WORKSHOP:** This program is intended for individuals who will be conducting qualitative fit testing in their workplace.

**USER TRAINING:** This is an introductory level respiratory protection course. It is intended for all respirator wearers. Employee training and fit testing is a requirement of AS/NZS 1715.

## **Respirator Fit Testing**

- Qualitative
- Quantitative

## **Respiratory Protection**

We can assist with...

- Program Development
- Respirator Protection Program

# **Hearing Conservation Services**

# 3M's HEARforce Hearing Conservation Training:

Interesting, informative and comprehensive. Conducted by our experienced sales force, HEARforce seminars are designed to help assure that hearing conservation programs run at optimum efficiency to get the best results possible for employees and employers.

Topics include:

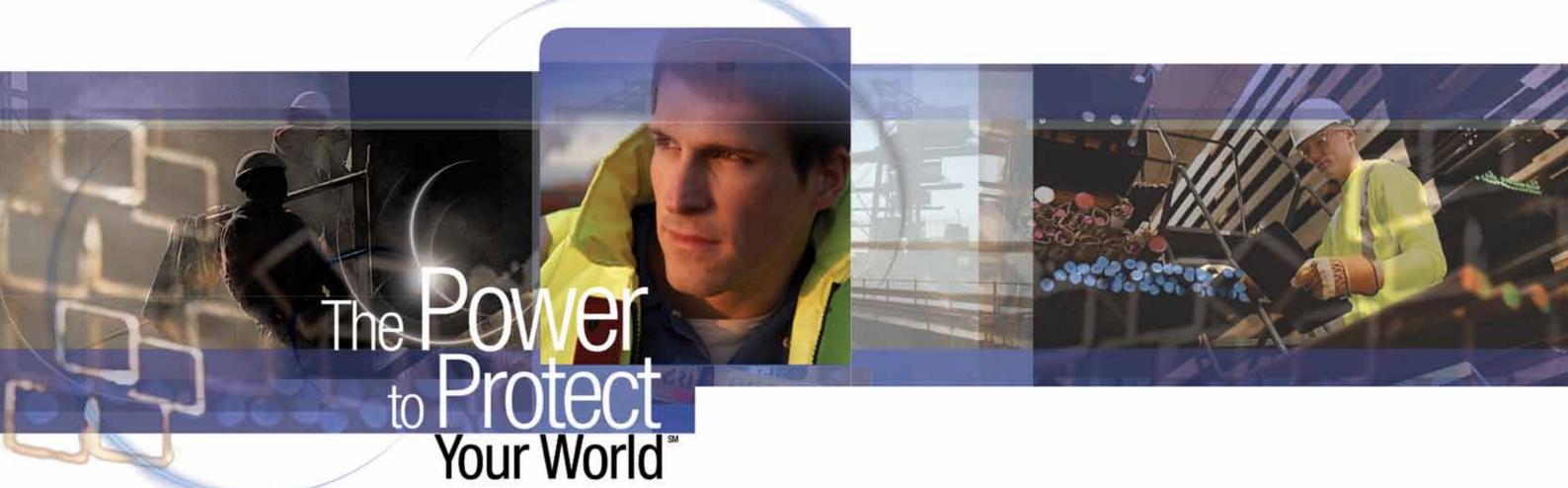
- **How The Ear Works** An inside look at the various parts and functions of the ear.
- **Effects of Noise** How exposure to high noise affects the ear and how it can permanently damage one's hearing.
- **How To Prevent Hearing Loss** Strategies on how to minimise hearing loss.
- Purpose & Types of Hearing Protectors- A 'Show and tell' segment on the various protectors available, how they work, and which ones are best for certain environments.
- Fit & Care of Protectors- A look at the proper fitting techniques and care/maintenance that optimises protection performance.

## **E-A-Rfit**<sup>™</sup> Validation System

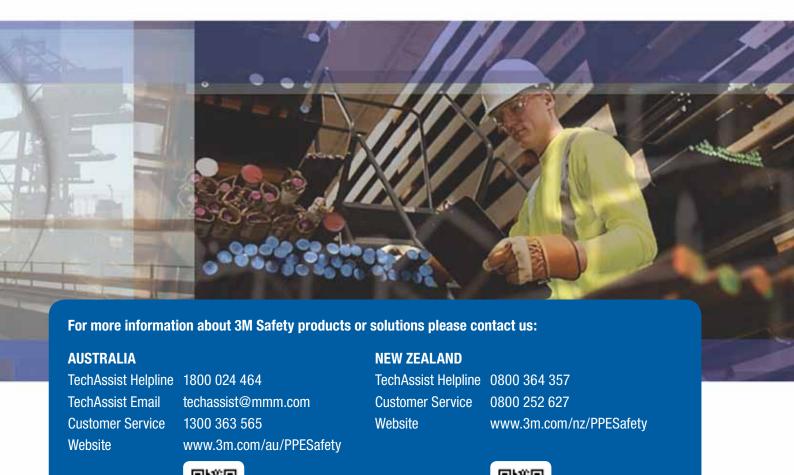
- In less than 10 seconds per ear, the 3M<sup>™</sup> E-A-Rfit<sup>™</sup> Validation System generates a personal attenuation rating (PAR) for each worker
- Assists selection of appropriate protectors for workers & environments
- Helps identify workers receiving inadequate protection, leaving them at risk for standard threshold shifts (STS)
- Documents data for further test comparison

Leading the Advancement of Hearing Conservation





Notes	Notes





**Personal Safety Division**