3M Science.
Applied to Life.™

Personal Safety Division

Product Catalogue

#3MScienceOfSafety

3M™ is a global science-based innovation company, developing products that improve people's daily lives in a multitude of ways.

3M Science can be found in your home, in your office, at the hospital, at the dentist, in your phone, in your PC, in your car. You'll find it on roads, trains and airplanes, and it's helping to connect you with your energy and with the outside world. Improving your life in hundreds of ways every day.

We do this through a unique culture of innovation. One where people are given the freedom to create, the responsibility to deliver and the opportunity to connect ideas and technologies in unexpected ways.

From concept to creation we manufacture our products to exacting quality standards, whilst working hard to look after our people, our communities and our planet.

Founded in 1902, we have a proud history as one of the world's most innovative and ethical companies.

From the hidden science we all take for granted to the tangible products we use every day, 3M solutions can be found in every corner of life.
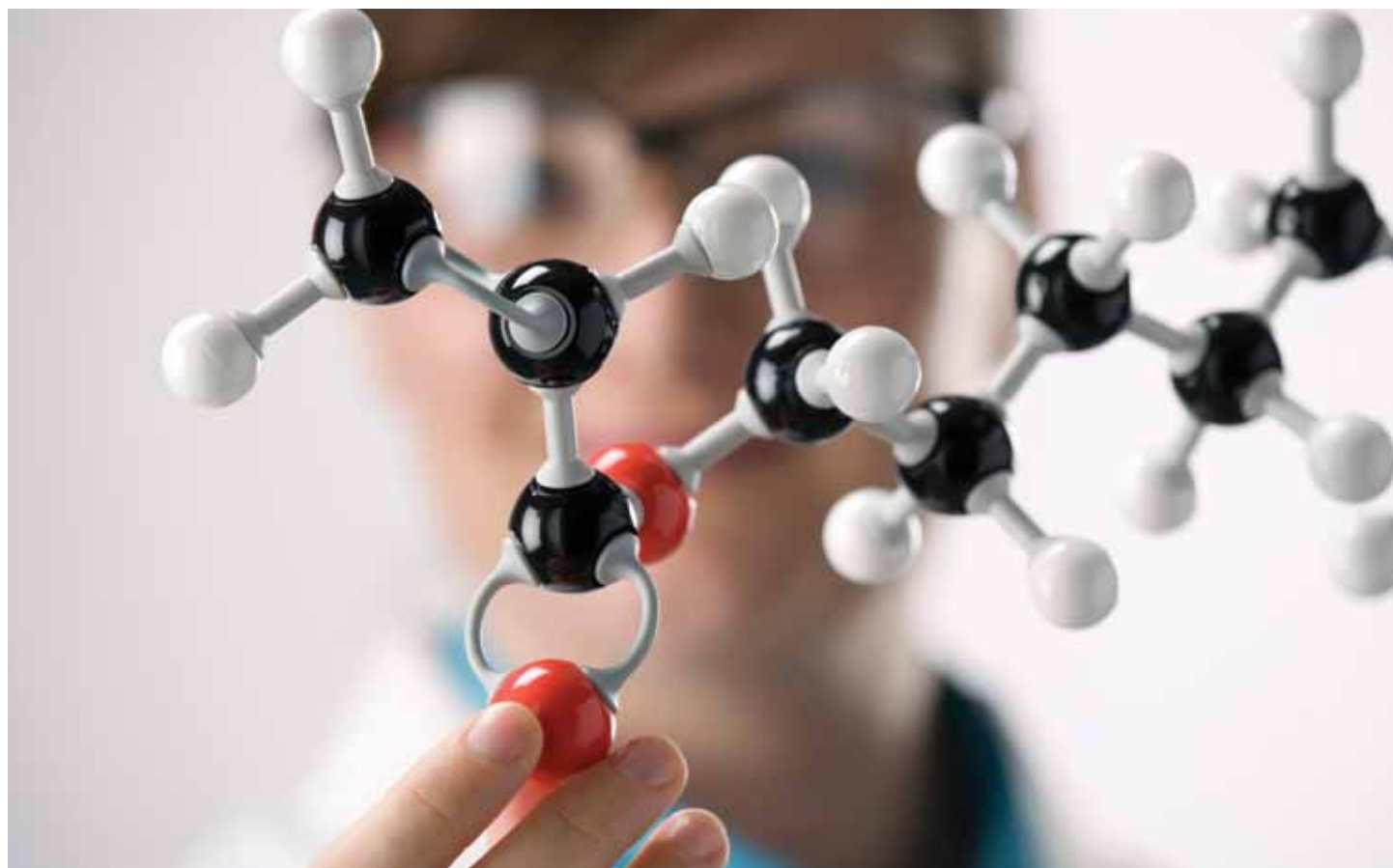
3M Science. Applied to life.

Contents

About 3M

3M provides safety solutions that improve comfort while helping employers increase compliance, with personal protective equipment for everything from your eyes and head to hearing, respiratory system, fall protection and fall protection equipment.

Personal Safety Division

3M helps keep everyone safer in a changing world. Across diverse industries and applications our technology, expertise and energy drive innovative solutions to help you control your environment so you can focus on the job at hand.

The Personal Safety Division provide safety solutions that improve comfort while helping employers increase compliance, with personal protective equipment for everything from your eyes and head to hearing and respiratory system.

On any given shift, workers may potentially put themselves in harm's way. The risks are endless, ranging from head and eye injuries, hearing and respiratory protection hazards, and falls from height. Our personal safety products deliver high standards of protection for workers in the deepest of mines through to the top of the tallest towers.

3M is passionate about protecting the health and safety of workers in all types of industries and workforce environments enabling them to return home to their families safely at the end of each work day. With decades of research and technological advances behind us, 3M Personal Safety Division delivers innovative Personal Protective Equipment (PPE) and integrated safety solutions designed to help keep workers safe, comfortable and productive on the job.

Our Personal Safety Portfolio delivers comfortable, well-designed personal protective equipment that offers workers the most effective protection available and includes:

- Respiratory Protection
- Hearing Protection
- Noise Detection
- Communication Solutions
- Fall Protection
- Eye Protection
- Head & Face Protection
- Welding Protection
- Body Protection

Science of Safety

Protecting people. Improving lives. Enhancing productivity.

Industry Experience	Hazard Awareness	Regulatory Knowledge	Innovative Technologies	Quality Products	Education & Training

At 3M, we innovate with purpose and use science every day to shape the future of personal protection and the wellbeing of workers. Our commitment to safety drives us to continue to innovate across technologies, disciplines, and industries to help keep workers safe and protected to deliver our mission of: "Helping workers return home safely and live healthier lives".

3M Science of Safety is about the way safety managers and business owners can work together with 3M to solve complex health and safety challenges every day. The Science of Safety formulates how we approach worker health and safety from a proactive, customer-focused perspective and how we are equipped to respond with a comprehensive offering of solutions driven by customer insights.

Using this approach, we continue to find unexpected ways to apply our broad range of technology platforms to help solve complex worker health and safety challenges.

3M's new Science of Safety approach can support you with guidance on:

Selection

After identifying and assessing the hazards within the working environment, narrowing down the most suitable product options for the situation enables the selection process to begin. Selecting comfortable and appropriate PPE enhances user acceptance and ongoing protection within the workplace.

Training

Training provides the user confidence in the knowledge that they know how to use their chosen and required PPE. Whether that be understanding the need for protection, when to change filters on a respirator or what are the maintenance procedures for the equipment. Training empowers users to consistently wear PPE.

Fit Validation

Every wearer is different. In order to be fully protected, it is essential that PPE fits correctly. We provide fit testing for respirators (and fit testing guidelines online) as well as E-A-Rfit Validation testing for earplugs and earmuffs. Fit Validation is a short simple process that provides timely information around the quality of product fit whilst indicating what type of product is suitable for the individual and situation. In order to get the best protection, it is crucial that they know how to correctly fit and wear their personal protective equipment.

3M delivers consistent quality around the world helping you select the correct PPE for your workers, helping to ensure your workers are educated on the correct use of PPE and raising awareness of how important fit & comfort are to the health and wellbeing of your workforce.

3M

**Science.
Applied to Life.™**

Science
of Safety
Podcast

Keeping up to date with work safety
regulations can be a challenge, that's why
we've launched the 3M Science of Safety
Podcast. Learn from industry leaders,
technical experts, influencers and regulators,
as they discuss the many topics of work
health and safety.

**Visit www.3m.com.au/sospodcast to explore
the list of topics or listen now on one of the
following platforms.**

Listen on **Apple Podcasts**   GET IT ON **Google Play**

Spotify®   **SOUNDCLOUD**

LISTEN ON **STITCHER**

Service

We believe that with a quality product, it is important that the customer also receives quality services. Not only do we provide different varieties of training and education, but we also have many other tools available to our customers.

3M™ Respiratory Fit Testing System

3M Respiratory Protection offers a wide range of disposable and reusable respirators, as well as Powered and Supplied Air Respiratory Systems. However, even high quality products need a secure fit in order to protect the wearer. One model of respirator may not fit everyone.

When choosing a close fitting respirator users should be fit tested in accordance with national requirements. For information on fit testing procedures, contact your safety officer or 3M.

Even after a user has had a fit test, a fit check should be carried out before each use.

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

As the leader in hearing protection, 3M offers a complete solution, with ear plug and earmuff testing capabilities plus a user-friendly interface. The 3M™ E-A-Rfit Dual-Ear Validation System is the fast and easy way to find your employees' Personal Attenuation Rating (PAR), because we know how important it is to make your hearing conservation program fit seamlessly into your operation.

Get results you can trust. The 3M™ E-A-Rfit Dual-Ear Validation System measure the effectiveness of the earplug or earmuff in the employee's ear providing accurate, quantitative results. Because you can simultaneously test both ears, you have more time to focus on education including the importance of fit and protection.

Self Contained Breathing Apparatus

Our factory trained and certified 3M Scott's Service team specialise in testing, maintaining and repairing Scott's full range of products and systems. Including;

- Self Contained Breathing Apparatus
- Supplied Air Equipment
- Powered Air Respiratory Equipment
- Gas & Flame Detection Systems
- Thermal Imaging Equipment
- Breathing Air Compressors & Charge Stations

So, whether it's responding to an urgent service request, providing scheduled annual servicing or simply providing user technical support, we put customers first and serve them as if their lives depended on it. Because sometimes, they do.

Fall Protection

3M Australia*, offers a range of training and consulting services to fit your needs, ensuring you or your employees are thoroughly trained in a practical, hands-on environment. With In-house Training Facilities, On-Site Training, Tailored Training and Inspection Reporting Service available our trained technicians can develop a thorough report, and or make recommendations that employ world's best practice regarding fall protection in your workplace.

Find out more by contacting your 3M Personal Safety Sales Representative.

* 3M Australia, through its Subsidiary Capital Safety Pty Ltd, RTO 91276 is the holder of the RTO Licence.

Respiratory Protection

3M offers you a wide range of disposable, reusable, powered and supplied air respirators for protection against gases, vapours and particulates allowing you to choose the level and type of protection, comfort, style and maintenance requirements you need to work safely, comfortably and effectively.

Types of respiratory protection equipment (RPE) from 3M

There are three main types of RPE available from 3M:

Disposable Respirators
- Ideal for most industries and applications where wearers require particulate protection e.g. dusts and mists
- A choice of cup-shape or flat-fold, valved or unvalved and also the option to protect against ozone and nuisance levels of organic vapours and acid gases
- Lightweight and maintenance free
- Comfortable, convenient and easy to use

Reusable Half and Full Face Respirators
- Offer protection against particulates, gases and vapours and combinations of the two
- These respirators have integrated or replaceable filters and parts. They may be cleaned, stored and reused provided they are in good condition
- Full face respirators also offer integrated eye and face protection
- Many models are fully maintainable

Powered Air & Supplied Air Systems
- Offer protection against dusts, mists, fumes, gases, vapours and combination hazards e.g. paint spray
- Can offer integrated eye, face, head, neck and hearing protection in one system avoiding incompatibility issues between items of PPE
- Modular system allows you to mix and match parts as your environment or application changes giving you the ultimate in flexibility and ease of use
- No increase in breathing resistance means more comfortable and longer wear time
- Usable by a wide range of users regardless of facial characteristics; shape, size etc.

Disposable Respirators

Comfortably breathing clean, safe air is important for workers' health and workplace morale. With this in mind we have designed a range of 3M™ Disposable Respirators using science to increase comfort, breathability and protection. In combination with ergonomic design, a wide range of technologies including the new 3M™ Cool Flow™ Comfort Valve help to deliver comfortable protection with easier breathing and reduced heat build-up.

Airborne hazards.

Finding the right protection...

3M™ Aura™ 9322A+
Particulate Respirator

3M™ 8322
Particulate Respirator

3M™ Aura™ 9312A+
Particulate Respirator

3M™ 8312
Particulate Respirator

3M™ 9422+
Particulate Respirator

3M™ 8710
Particulate Respirator

3M™ 8822
Particulate Respirator

3M™ 8514
Particulate Respirator
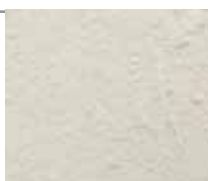
Brick Dust
Brick dust and ash contains very fine particles of silica which can be breathed deep into the lungs and scar the delicate tissue (silicosis); exposure may also increase the risk of lung cancer.

Cement Dust
Some cement processes can also release very small particles of silica which can be breathed deep into the lungs and scar the delicate tissue (silicosis); exposure may also increase the risk of lung cancer.

Wood Dust
Exposure can cause occupational asthma in some individuals as inhalation of wood dust particles may initiate an allergic reaction causing them to become more sensitive in the future. Dusts from hardwoods may also cause cancers of the nose.

Lead
Dust and fumes inhaled from industrial processes involving lead or lead compounds may be absorbed and circulate in your blood. Lead can be excreted but it can also be stored by the body. If the amount of lead in your body is too high, it can cause symptoms such as headaches and nausea. If uncontrolled, long term exposure can damage vital organs.

Silica
Very small particles of silica dust, called respirable crystalline silica, can be breathed in and may reach deep into the lungs where it can scar the delicate tissue (silicosis) resulting in difficulties breathing. Long-term exposure to crystalline silica may also increase the risk of lung cancer.

Flour Dust
Inhalation of dust particles from flour can cause bronchitis and irritation to the nose and airways. In some people, exposure may cause occupational asthma, wheezing or serious breathing difficulties.

Welding
Inhalation of some metal oxides found in welding fumes can lead to metal fume fever - the symptoms are short term but include coughing, headaches and fever. Exposure to certain nickel and chromium compounds found in some welding fumes may increase the risk of lung cancer.

Our technology.

In 1969 3M invented the disposable respirator. We were also involved in the development, trial and authentication of qualitative fit testing protocols for respirators.

Since then, we have developed numerous proprietary technologies that have been incorporated throughout our comprehensive range of disposable respirators.

Workers need respirators that fit well, are comfortable and provide the best protection. Employers want quality products from a supplier they can trust. Our wide range of respirators helps to deliver easier breathing and comfortable protection against particles and certain gases and vapours. All our disposable respirators are compatible with eyewear and hearing protection products from 3M.

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

Advantages of 3M™ Disposable Respirators

3M™ Cool Flow Valve

An efficient exhalation valve minimises heat and moisture build up, particularly in hot and humid work conditions.

3M™ High Performance Filter Media

High Performance Filter Media combines the benefits of traditional mechanical filtration with advanced technology filtration to capture particles.

3M™ Foldable Three-Panel Design

This design offers improved comfort, fit and communication – plus the convenience of a foldable respirator. (9300A+ series)
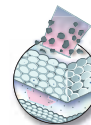
3M™ Clog-Resistant Welding Respirators

Particles are trapped throughout the lofty outer layer and then by the inner filter. This prolongs respirator life while maintaining ease of breathing.
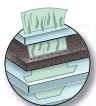
Activated Carbon

Layers of carbon in 3M™ Welding and 3M™ Specialty Respirators are designed to offer relief from the irritation of low levels of specific gases and vapours.

Importance of Fit

3M provides a variety of respirators for customers to select one that fits best on their own face. Fit testing is used to confirm adequate fit and level of protection in the work place.
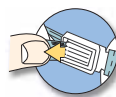
Adjustment Buckle Straps

Simply pull on the 3M™ Universal Buckle to achieve the optimal comfort and security.

Confidence in Numbers

3M has a rich 100-plus-year history of research and innovation, over 40 in respiratory protection alone, and a passion for designing safe, comfortable respirators. The first Saccharin and Bitrex™ qualitative fit test methods were invented by 3M.

Cool flow valve.

Cool comfort starts with cool breathing

The proprietary 3M™ Cool Flow™ valve is designed to release your hot, humid exhaled breath quickly, helping to prevent an unpleasant build up of heat inside the facepiece - a significant cause of discomfort to respirator wearers.

The Cool Flow valve's efficiency in keeping breathing cool and comfortable has been demonstrated through testing*: the atmosphere inside a respirator with a Cool Flow valve is on average 4.2°C cooler than the similar product without the valve.

This makes Cool Flow valved respirators ideal for long periods of wear, especially where conditions are hot, humid or physically demanding.

To learn more and see the Cool Flow valve in action, visit www.3m.com.au/CoolFlow or www.3m.co.nz/CoolFlow.

* Testing conducted in a 3M laboratory. Testing protocol, data generation and conclusions were reviewed and approved by an expert from The University of Minnesota. The testing performed by 3M is not a part of the testing and certification conducted by NIOSH.

Expel heat as you exhale it

Unique proprietary design
- Seals during inhalation
- Easily opens during exhalation

Aerodynamically designed valve cover
- Directs airflow away from your eyes and face to help reduce eyewear fogging

In combination with 3M proprietary filter media
- The Cool Flow valve helps minimise breathing effort required by respirator wearer
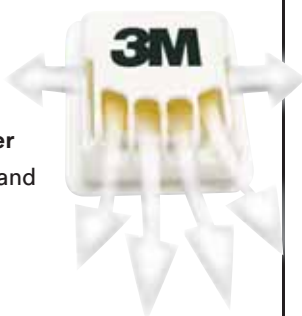
Inside the respirator: Stay cooler with 3M™ Cool Flow™ Valve
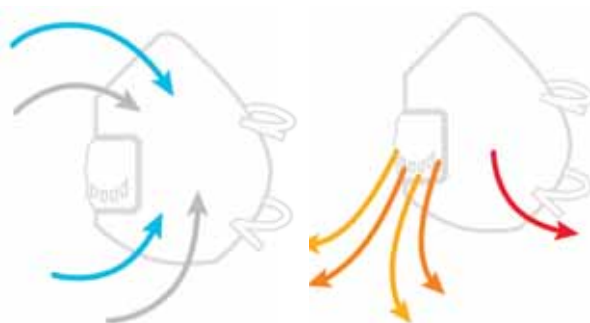
Visible from outside: the comfort difference with 3M™ Cool Flow™ valve

The colors in the thermal images below show the change in surface temperature of the respirators as the model inhales and exhales.

Cool < | | | | > Hot

Inhalation: unvalved 3M 8510 | Inhalation: valved 3M 8511 | Exhalation: unvalved 3M 8510 | Exhalation: valved 3M 8511
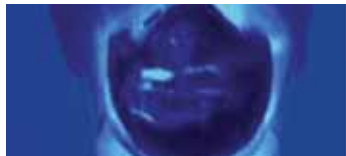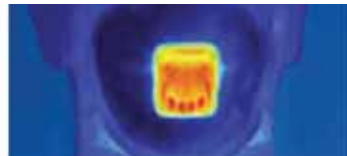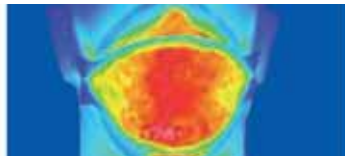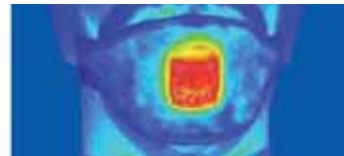
Inhalation

Is the cooler part of the cycle; with both valved and unvalved respirators, the 3M filter media facilitates an easy draw of cooler external air.

As the wearer inhales, air is pulled through the respirator and surface temperature decreases. The valve's plastic cover, because of the material composition, retains some of the heat.

Exhalation

As the wearer exhales the respirator is filled with warm, moist air. The cooler thermal imaging shades of the picture on the right indicate how the respirator fitted with the Cool Flow valve expels the breath, together with its natural heat, more rapidly. As the hot exhaled air exits through the valve, the rest of the respirator remains cooler and more comfortable. This benefit is ideal for long periods of wear, especially where conditions are hot and humid or when work is physically demanding and likely to cause heavy breathing.

The importance of comfort.

To make sure that the respirator protects you, it must be worn during periods of exposure. Make sure that you choose a respirator that you can wear comfortably for your entire shift.

Face and head comfort

The respirators edge should be flexible and the shape and size should cover the nose, mouth and chin without causing exoessive pressure. A headband material which provides a good, even tension across the head can ensure a comfortable, secure fit for a range of head sizes.
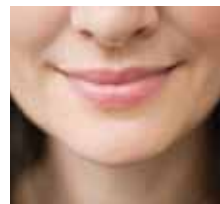
Skin comfort

Skin comfort will be affected by the smoothness and softness of the inner material in contact with the skin - especially over a long period of time. A soft inner face seal and sweat absorbent nose foam will provide greater comfort. Rough or hard materials, coupled with a high temperature inside the respirator may be itchy and unpleasant.

Coolness

An efficient exhalation valve minimises heat build up, particularly in hot and humid work conditions.

Lightweight

Take advantage of technological innovation and choose a lightweight respirator for optimal comfort.

Breathing ease

An efficient exhalation valve and high-efficiency, low breathing resistance filter material will help you to breathe comfortably.

Compatibility with other PPE

Make sure that the respirator you select fits well with the other PPE required for your work such as eyewear and hearing protection to ensure maximum comfort.

Selecting the right product.

Selecting and specifying the appropriate respiratory protective equipment can seem daunting with so many factors to consider. Use our simple four step selection system to ensure the respirator you choose offers the correct levels of protection and comfort required by your employees.

1. Identify the hazards

Industry	Application	Hazard	Filter Rating
General	Sanding, Cutting, Drilling	Rust, metal particles, filler, concrete, stone, wood	P1
	Sanding, Cutting, Drilling	Crystalline silica, cement, wood, steel, paints, varnish, anti-rust coating, steel, stainless steel, anti-fouling varnish	P1 P2
	Low temperature oil spraying, lubricating	Mineral oil, agricultural mineral oil, horticultural mineral oil, oil foam spray, metal working fluid	
Construction	Sanding, Cutting, Drilling	Crystalline silica	P1
	Plastering, Tunnelling, Sawing, Earthmoving, Carpentry	Dust, sawdust	
	Painting, Spraying, Varnishing, Coating, Mixing	Water based paints, roller / brush applied spray coatings, adhesives, cleaning solvents (nuisance levels)	GP1
Metal Fabrication	Oxy-Acetylene cutting, Metal pouring, Soldering, Smelting, Welding, Work with Glass and Mineral fibres	Metal fume	P2
Welding	MIG, TIG, Mild Steel, Zinc (Autogen, MIG/MIK) Stainless Steel (Electrodes), soldering	Welding fume and ozone	P2
Agricultural / Forestry	Sawing, Cropping, cotton ginning, Feeding livestock, allergies	Wood dust, Grain dust, Cotton dust, Animal dander	P1
	Handling infected animals, Cleaning animal sheds, Composting, Waste sorting	Bioaerosols, Bacteria, Fungus, Animal dander	P2
	Spraying pesticide, Herbicide, Fungicide: *low vapour pressure organic compounds	Paint spray, Mist, Dust, Pesticide(water based)	GP1
Mining / Quarrying	Drilling, Blasting, Plant operators	Dust	P1
	Drilling, Blasting, Plant Operations	Diesel exhaust/Smoke	P2
Healthcare	Infection control	Infectious aerosols, TB, Other Bacteria/Virus, Allergies, Pollen, Mold/Fungus	P2 N95
Aluminium Smelting, Cleaning	Chlorine based cleaning, smelting	Acid gases	P2
	Chlorine based cleaners	Acid gases	P1
Agricultural / Forestry	Pesticide spraying, solvent cleaning, welding	Organic vapour	GP2
	Pesticide spraying, solvent cleaning	Organic vapour	GP1
Food and Beverage Manufacturing / Pharmaceutical	Food handling/Fruit & Vegetable Processing/ Manufacturing Pharmaceutical - shaping/ tablet formation, cleaning & maintenance	Dusts, mists and fumes generated during handling of cereal & non-cereal flours, nuts, additives, spices, condiments, coffee, sugar, egg and fish proteins, confectionery, animal & bird feed	P1
	Shaping/tablet formation, medicinal and pharmaceutical product manufacturing, cleaning & maintenance	Pharmaceuticals during the production of prescription drugs	

2. Assess the risk

P1 is the rating given to a respirator which meets AS/NZS1716:2012 for filtering mechanically generated particles, e.g., particles formed by crushing, grinding, drilling, sanding and cutting.

P2 is the rating given to a respirator that meets AS/NZS1716:2012 for filtering mechanically and thermally generated particles, e.g., those from welding fume. Respirators with a 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 @ 25ºC) organic compounds e.g. many agricultural chemicals like herbicide and pesticide.

3. Select the right respirator

Choose a valved/ unvalved respirator

Once you have selected the protection factor you require, you can then consider whether you need a cup-shaped respirator, or a foldable respirator and whether it is valved or not.

Benefits of a Valved Repirator
- Reduces exhalation effort
- Cooler to wear
- Stays comfortable for longer
- Less likely to mist up eyewear

Benefits of a Unvalved Repirator
- Lower unit cost
- Reduces potential for wearer contamination of their environment

Choose a style

You can choose from: Comfort, Classic and Basic Series. Specialty respirators that provide comfortable protection against particles and certain nuisance level gases and vapours are also part of our range as are lightweight and effective welding respirators. This wide selection enables you to select the respirator to suit your environment.

3M™ Comfort Series
- Exceptional comfort
- Excellent fit over a wide range of face sizes
- Unique designs

3M™ Classic Series
- Traditional cup shape
- Lightweight, comfortable and effective
- Durable collapse resistant shell

3M™ Welding & Specialty Respirators
- ●Activated carbon layer
- Comfort with technology
- High quality performance

3M™ Basic Series
- Reliable and convenient
- Lightweight and economical
- Protection you can afford

4. Fit Test

A respirator cannot protect you fully if it does not fit your face.

Best practice for any Personal Protective Equipment is to ensure the right fit. Proper fitting of a respirator requires the application of an accepted method of fit testing. It is recommended that wearers be fit tested in accordance with Standards Australia's document AS/NZS 1715:2009.

Training Offered by 3M

Correct use and appropriate maintenance of personal protective equipment (PPE) from 3M makes a major contribution towards ensuring that it provides effective protection. Our experienced sales and technical teams will help you make the most of your products. In compact training modules, they will show you and your employees how to recognize potential hazards, suggest what measures to take and help explain how to choose the appropriate protective equipment for each particular situation.

Comfort Series 9300A+ Aura™ Particulate Respirators

The 3M™ Aura™ Disposable Respirators 9300+ are the result of 3M's continuous drive to improve comfort. They are packed with ground-breaking ideas, technologies and materials and have also retained many of the features that helped make the original 9300 series hugely popular. Features include low breathing resistance filter technology for easier breathing throughout your shift, an embossed top panel to reduce fogging of eyewear, a sculpted edge for improved compatibility with eyewear and a chin tab to improve ease of fitting.

Features and Benefits:

Low breathing resistance
- Combines the benefits of 3M's electret particulate filter material with advanced low breathing resistance filter technology
- Gives effective filter performance whilst lowering resistance to breathing
- Improved breathing ease and comfort

3M™ Cool Flow™ valve
- Effectively removes heat build up
- Provides a cooler and more comfortable wear
- Removes exhaled air and minimises the risk of fogging eyewear

Convenience
- Flat-folded: easy to store when not in use
- Hygienic individual packaging helps protect the respirator from contamination before use
- Innovative chin tab improves ease of donning and adjustment to help achieve a comfortable fit

Clear vision
- Embossed top panel helps reduce fogging of eyewear

Sculpted nose panel
- Adjustable noseclip helps provide a custom secure seal
- Curved low profile design conforms well to nose and eye contours, allowing more room for eyewear
- Helps provide a good field of vision
- Improves compatibility with eyewear

Face and head comfort
- Ingenious 3-panel design fits a wide range of face shapes and sizes
- Accommodates your facial movements
- Collapse resistant; ideal for work in hot humid environments
- Stays securely in place, helping to provide a good, comfortable seal
- Large water/ sweat absorbent nose foam material is soft on the skin
- Smooth inner cover web helps to create a comfortable environment for the face

9322A+

9320A+   9312A+   9310A+

3M Order Code	Model #	Description
XA010017854	9322A+	3M™ Aura™ Particulate Respirator, P2
XA010017847	9320A+	3M™ Aura™ Particulate Respirator, P2
XA010017870	9312A+	3M™ Aura™ Particulate Respirator, P1
XA010017839	9310A	3M™ Aura™ Particulate Respirator, P1

Comfort Series 8300 Series Particulate Respirators

The 8300 Series is designed with your comfort in mind. The super soft, cushioned lining provides instant yet lasting comfort; whilst the robust design makes these respirators tough and durable.

It also features an M shaped nose clip to make it easier to fit and be more comfortable around your nose.

8320

8312

8310

8322

3M Order Code	Model #	Description
70071623162	8322	3M™ Cupped Particulate Respirator, P2, valved
70071623147	8320	3M™ Cupped Particulate Respirator, P2
70071623154	8312	3M™ Cupped Particulate Respirator, P1, valved
70071623139	8310	3M™ Cupped Particulate Respirator, P1

Classic Series 8000 Series Particulate Respirators

The cupped shape, twin strap design, nose foam and nose clip help to provide comfort and fit over a range of face sizes. The 3M 8710 respirator was the first disposable respirator to be certified in AS/NZS 1716. Still widely used today, this respirator is trusted by millions of workers all over the world.

8822

8210

8110S

8812

8710

3M Order Code	Model #	Description
WX700900359	8822	3M™ Cupped Particulate Respirator, P2, valved
WX700900011	8210	3M™ Cupped Particulate Respirator, P2
XA010000512	8110S	3M™ Cupped Particulate Respirator, P2 - small size
WX700900243	8812	3M™ Cupped Particulate Respirator, P1, valved
WX700900029	8710	3M™ Cupped Particulate Respirator, P1

Comfort Series 9422+ Aura™ Particulate Respirators

3M™ Aura™ Disposable Respirators 9422+ are specifically designed for the food industry, coloured bright blue for easy identification and constructed without staples or small detachable parts.

3M Order Code	Model #	Description
GT500079519	9422+	3M™ Aura™ Flat Fold Particulate Respirator, P2, valved

Welding Respirator

The 3M Welding Respirator provides lightweight, effective, and comfortable respiratory protection. This durable respirator is designed specifically for welding applications to provide protection against ozone and welding fumes, plus relief from nuisance odours. It is resists clogging and does not require costly and time-consuming maintenance. Like our other disposable respirators, the welding respirator is compatible with 3M eyewear and hearing products. It is also compatible with 3M™ Speedglas™ Welding Shields.

3M Order Code	Model #	Description
70070845089	8514	3M™ Cupped Particulate Welding Respirator, P2, with Nuisance Level* Organic Vapour Relief, valved

Basic Series VFlex™ Particulate Respirator

The VFlex is a unique addition to 3M's range of disposable particulate respirators. Its V-shaped pleats expand to provide a comfortable seal while giving you a spacious feel. The pleats flex with mouth movement for comfort and to maintain face seal performance.

3M Order Code	Model #	Description
70071676954	1804	3M™ VFlex Particulate Respirator P2
70071676962	1804S	3M™ VFlex Particulate Respirator P2(small)

Basic Series 8000 Series Particulate Respirators

You don't have to sacrifice reliability, quality or service just to save on your protective equipment. With 3M's Basic Particulate Respirators, you get the product you need at an economical price – all from a company you know and trust. This product is the one to choose when you need a lower cost respirator that offers reliable protection for use in a variety of dusty applications.

3M Order Code	Model #	Description
70071094703	8000	3M™ Cupped Particulate Respirator, P1

Disposable Respirators

Specialty Respirators Organic Vapour

The Organic Vapour Specialty Respirators by 3M are developed for particular working environments. These respirators feature an integrated activated carbon layer that offers relief from levels of nuisance odours at concentrations below Safe Work Australia exposure standards.

They can be used for a wide variety of applications ranging from mining to weed spraying to waste sorting. The Specialty range provides lightweight, effective, comfortable and hygienic respiratory protection against particles and organic vapours.

Activated Carbon Layer

- All of these specialty products offer an additional activated carbon layer to filter out ozone and nuisance levels* of organic vapour

9913

8577

8247

9923V

9542A

9913V

3M Order Code	Model #	Description
WX700900037	9913V	3M™ Cupped Particulate Respirator, GP1 with Nuisance Level* Organic Vapour Relief, valved
WX700900284	9913	3M™ Cupped Particulate Respirator, GP1 with Nuisance Level* Organic Vapour Relief
AT010601691	8577	3M™ Cupped Particulate Respirator, GP2, with Nuisance Level* Organic Vapour Relief, valved
WX700900169	8247	3M™ Cupped Particulate Respirator, GP2, with Nuisance Level* Organic Vapour Relief
WX700901902	9923V	3M™ Cupped Particulate Respirator, P2, with Nuisance Level* Organic Vapour Relief, valved
XH003821101	9542A	3M™ Flat Fold Particulate Respirator, P2, with Nuisance Level* Organic Vapour Relief

Specialty Respirators Acid Gas

The Acid Gas Specialty Respirators by 3M provide lightweight, effective, comfortable and hygienic respiratory protection against particles, with additional relief from nuisance levels* of acid gases such as sulfur dioxide and hydrogen fluoride.

The cupped shape, twin strap design, foam nose seal and nose clip ensure comfortable wear over a wide range of face sizes.

8246

9916

9915

9926

3M Order Code	Model #	Description
WX700900318	9926	3M™ Cupped Particulate Respirator, P2 with Nuisance Level* Acid Gas Relief, valved
WX700900151	8246	3M™ Cupped Particulate Respirator, P2, with Nuisance Level* Acid Gas Relief
WX700900276	9916	3M™ Cupped Particulate Respirator, P1 with Nuisance Level* Acid Gas Relief, valved
WX700900292	9915	3M™ Cupped Particulate Respirator, P1 with Nuisance Level* Acid Gas Relief

The importance of fit.

Disposable respirators are most effective when there is a good seal between the edges of the respirator and your face. The instant this seal is broken, protection is compromised as contaminated air can leak in through any gaps.

These fitting instructions must be followed each time a 3M™ Aura™ Particulate Respirator 9300A+ Series is worn.

Make sure that your face is clean shaven. Respirators should not be worn with stubble, beards or other facial hair under the area of the face seal as these can prevent a good seal to the face.

Make sure that long hair is tied back and jewellery is removed so that it does not interfere with the seal to the face.

Noseclip should be moulded around nose and cheeks to give a good seal.

Make sure the panels are fully unfolded.

Respirator should be correctly positioned on your face and head.

Upper strap should be positioned on the crown of the head. Strap should not be twisted.

Lower strap should be positioned below the ears. Strap should not be twisted.

1 2

1. With the reverse side up and using the tab, separate the top and bottom panels of the respirator to form a cup shape. Bend slightly at the centre of the noseclip.
2. Ensure that both panels are fully unfolded.

3a

3a. Cup the respirator in one hand with the open side towards your face.

3b

3b. Take both straps in your other hand. Hold the respirator under your chin, with the nosepiece facing upwards and pull the straps over your head.

4

4. Locate the upper strap across the crown of the head and the lower strap below your ears. The straps must not be twisted. Adjust the top and bottom panels for a comfortable fit, ensuring that the panels and tab are not folded in.

5

5. Using both hands, mould the noseclip to the shape of the nose to ensure a close fit and a good seal.

⚠ The respirator may not fit as well if you pinch the noseclip using one hand. Use two hands.

6

6. Perform a fit-check by covering the front of the respirator with both hands taking care not to disturb its fit.
- If you're using an unvalved respirator, exhale sharply.
- If you're using a valved respirator, inhale sharply.
- If air leaks around the nose, readjust the noseclip to eliminate leakage then repeat the fit check. If air leaks at the respirator edges, work the straps back along the sides of the head to eliminate leakage then repeat the fit check.
- If you cannot achieve a proper fit, DO NOT enter the hazardous area. Consult your supervisor.

Healthcare Respirators and Surgical Masks

The 1870+, 1860, 1860S, 1804 and 1804S healthcare respirators are designed to help provide respiratory protection for the wearer by reducing exposure to harmful airborne particles which are small enough to be inhaled – typically particles less than 100 microns in size. These include airborne particles that may contain biological material e.g. Bacillus anthracis, Mycobacterium tuberculosis, mould and the virus that causes Severe Acute Respiratory Syndrome (SARS) and Influenza.

As a disposable particulate respirator, it is intended to reduce wearer exposure to certain airborne particles including those generated by electrocautery, laser surgery, and other powered medical instruments.

As a surgical mask, it is designed to be fluid resistant to splash and spatter of blood and other infectious materials.

Features and Benefits:

- NIOSH approved N95
- Meets CDC guidelines for Mycobacterium tuberculosis exposure control
- 3M™ Advanced Electrostatic Media (AEM) - Highly charged microfibers enhance the capture of airborne particles while allowing you to breathe easier
- FDA cleared for use as a surgical mask
- BFE (Bacterial Filtration Efficiency) > 99% and PFE (Particle Filtration Efficiency)>95% (at 0.3μm particle size) according to ASTM F2101
- Fluid resistant according to ASTM F1862

1870+

1860   1860S   1804   1804S

3M Order Code	Model #	Description
GT500073009	1870+	3M™ Flat Fold Particulate Respirator & Surgical Mask, N95/P2 with Fluid Resistance
AT010607219	1860	3M™ Cupped Particulate Respirator & Surgical Mask (standard size), N95/P2 with Fluid Resistance - standard size
XA010000546	1860S	3M™ Cupped Particulate Respirator & Surgical Mask (small size), N95 with Fluid Resistance
70071676954	1804	3M™ VFlex™ Healthcare Particulate Respirator and Surgical Mask, N95
70071676962	1804S	3M™ VFlex™ Healthcare Particulate Respirator and Surgical Mask, N95 Small

3M™ Aura™ Health Care Particulate Respirator and Surgical Mask 1870+

- Individually wrapped to ensure cleanliness of respirator each time
- Flat-fold design allows for convenient storage prior to use
- Embossed top panel helps reduce eyewear fogging
- Sculpted top panel allows more room for eyewear
- Innovative chin tab for ease of positioning, donning, adjustment
- Highest level of fluid resistance according to ASTM F1862 at 160 mm Hg

3M™ Health Care Particulate Respirator and Surgical Mask 1860 and 1860S

- Collapse resistant cup shape design
- Braided headbands, cushioning nose foam, and light weight construction for comfortable wear
- Available in 2 sizes to fit a broad range of faces (1860 and 1860S)
- Fluid resistant according to ASTM F1862 at 120 mm Hg

3M™ VFlex™ Health Care Particulate Respirator and Surgical Mask 1804 and 1804S

- Uniquely designed tabs for respirator positioning on the face
- Flatfold design allows for convenient storage prior to use
- Pleats help increase surface area for ease of breathing and flex with mouth movement while talking
- Available in 2 sizes to fit a broad range of faces (1804 and 1804S)
- Fluid resistant according to ASTM F1862 at 80 mm Hg

Potential settings and applications

Operating Rooms, Clinics, TB Wards, Patient Care, Labor and Delivery, Infection Control Practices, Laboratory, emergency or pandemic preparedness planning, stockpiling, etc.

Selection flowchart.

Use the selector below to identify which respirator may be preferred for increased worker comfort.

What type of particles are in your environment?

| Mechanically Generated (P1) | Thermally Generated (P2) |

Mechanically Generated (P1)

Is the environment hot and humid or is additional worker comfort desired?

NO

Is nuisance level OV/AG reduction preferred?

NO

Is a folded product preferred?

NO → Economy 8000[S], Classic 8710[M], Comfort 8310[M/L]
YES → 9310A+ [M/L]

YES

OV → 9913[M]
AG → 9915[M]

YES

Is nuisance level OV/AG reduction preferred?

NO

Is a folded product preferred?

NO → Classic 8812[M], Comfort 8312[M/L]
YES → 9312+ [M/L]

YES

OV → 9913V[M]
AG → 9916[M]

Thermally Generated (P2)

Is the environment hot and humid or is additional worker comfort desired?

NO

Is nuisance level OV/AG reduction preferred?

NO

Is a folded product preferred?

NO → Small 8110S[S], Economy 8205[M], Classic 8210[M], Comfort 8320[M/L]
YES → Economy 9510A, Comfort 9320A+ [M/L]

YES

OV → Is a folded product preferred?
NO → 8247[M]
YES → 9542A [S/M]

AG → 8246[M]

YES

Is nuisance level OV/AG reduction preferred?

NO

Is a folded product preferred?

NO → Classic 8822[M/L], Comfort 8322[L], Welding 8514[M/L]
YES → 9322A+ [M/L]

YES

OV → Is a galvanised steel clip required
NO → 8577[M/L]
YES → 9923V[M]

AG → 9926[M]

Key:

S	Small Size
M	Fits most face shapes and sizes
L	Fits large face sizes
OV	Organic Vapor
AG	Acid Gas

Reusable Respirators

For prolonged periods of use, Half and Full Face Masks by 3M offer exceptional value and quality, all combine comfort with ease of use. 3M™ Respirators have to pass strict quality control tests and provide a consistently high level of safety. The choice of the right mask and filter type depends on your particular working environment and individual requirements. 3M can assist you to choose the protection that helps you achieve optimum results.

3M™ Reusable Respirators

3M™ Reusable Respirators – Technology Innovations Over the Years:

1977
3M offers the first reusable "Maintenance-Free" Half Facepiece Respirator

1987
3M manufactures a "sweptback" designed cartridge for its 5000 Series Facepiece for better peripheral vision and weight distribution

1989
3M designs and develops the "bayonet-style" cartridge connection

1991
3M develops and incorporates a new integral filter technology in its 4000 Series Facepiece, creating a lighter weight respirator

1992
3M develops first disc filters with loaded web filter media—the first non-woven, non-fiberglass filters

2013
3M introduces the 6500QL Half Facepiece Respirator, our lightest silicone half facepiece

2010
3M develops first Full Facepiece Respirator with Scotchgard™ coating, overmolded gaskets, and comfort head cradle

2002
3M introduces Cool Flow™ Valve for reduced heat and moisture in the 7500 Half Facepiece Respirator

1996
3M launches its 6000 Series Full Facepiece Respirator offering best-in-class field of view and lightweight characteristics

How an organic vapour respirator cartridge works.

3M makes organic vapour respirator cartridges to help reduce user exposure to many different organic vapours. To achieve this objective, respirator cartridges are filled with a material called activated carbon. Activated carbon is typically made from coal or renewable resources like wood or coconut shells. It is "activated" by heating the material in nitrogen or steam at approximate temperatures of 800 – 900°C. The resulting material has a significant number of micropores that help adsorb various organic vapours. These micropores can be measured and optimized for specific product needs and performance.

Coal or renewable resources, such as coconut shells

Coal or renewable resources are heated without oxygen

High-temperature steam or nitrogen activation

High-grade activated carbon
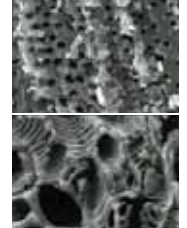
Electron micrographs of activated carbon pores

When organic vapours are drawn through an organic vapour cartridge, the air is filtered as vapours condense into the carbon pores. Vapours move through the cartridge from one pore to the next. This occurs more quickly for small volatile vapours with lower boiling points (e.g., acetone). Some migration of organic vapours can even occur during storage, so care must be taken before reusing the cartridge. The effective service life is the time until vapours begin to exit the cartridge.

Unlike particle filters, service life is not indicated by change in breathing resistance. Instead, cartridges must be changed according to local regulations; end-of-service-life indicator; taste, smell, or irritation from the contaminant; or according to 3M™ Service Life Software calculation, whichever comes first.

Activated carbon by itself cannot adsorb other types of gases or vapours such as acid gases, ammonia, formaldehyde, etc. In some cases, additional metals and salts are added to the carbon to selectively remove these compounds. For this reason, 3M offers a variety of cartridges and facepieces to help protect workers in different environments and satisfy personal preferences.

AS/NZS 1716 uses a classification system to identify the different types of contaminants these filter cartridges capture. 3M Filter cartridges follow this marking and colour coding system.

3M is committed to develop quality safety products to help protect workers. For more information about 3M organic vapour cartridges, or to establish a cartridge change schedule, please visit **3M.com.au/ppesafety**.
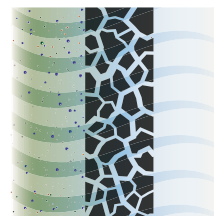
Unfiltered organic vapours are drawn into the cartridge.
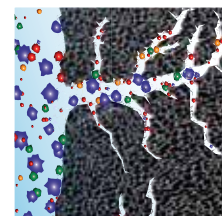
Activated carbon adsorbs organic vapours on molecular level.
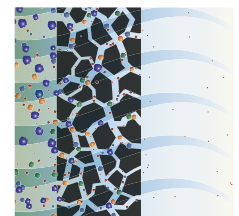
Service life continues until vapours begin to escape the cartridge.

Factors that influence service life:
- Exposure concentration
- Temperature
- Humidity (water vapour takes up space in carbon pores)
- Breathing rate

How do particle filters work?

A bed of randomly oriented fibres is used to create the filter. Treated fibres can be used to attract and trap particles as they flow into and through the filter material. Increasing the thickness and capture effectiveness of the filter material increases the filter efficiency at capturing particles. Particle filters are tested according to AS/NZS1716 Section 4.3.5 and Appendix I and L. The physics of particle capture indicates that the particle size range 0.02-0.2 micron equivalent diameter is the most difficult size range to capture so the filter is tested with a sodium chloride challenge aerosol consisting of particles mainly of this size. There are four common mechanisms of filtration being interception capture, inertial impaction and diffusion capture and electrostatic attraction. In practice, particle filters designed for respiratory protection will capture particles of all sizes – the major difference is the relative performance in the range between ~0.1 and 1 um. Each class of filter must perform above a certain level against the test aerosol to be then classified under AS/NZS1716 as explained below.

What's a P1? P2? P3?

A P1 is an AS/NZS1716 rated particle filter for use with Mechanically generated particles eg particles formed by crushing, grinding, drilling, sanding, cutting etc including silica, wood dust, mists from spraying.

A P2 is an AS/NZS1716 rated particle filter for use with Mechanically and Thermally generated particles eg those from welding fume. These are also the recommended type for use with certain biological particles in certain applications eg TB, SARS.

A P3 filter is the highest efficiency particle filter class and is used for particulates that are of high toxicity or at high concentrations. The benefit of this high efficiency filter can only be achieved on a full facemask or head covering respirator system.

How long do particle filters last?

As particle filters load up with the contaminant, they actually become more restrictive to the passage of particles and can be a better filter. However, they also become harder to breathe through. The wearer will notice this increased load and at some point decide that the restriction is too high and will then need to change the filter. How soon this occurs will also be dependent on the amount of particles in the breathing air. A very dusty job will obviously clog the filter up more quickly than a relatively clean job. The change decision point will vary from individual to individual as some people are more sensitive to the increase in breathing load than others. So - in summary - the filter should be changed when the breathing resistance becomes excessive to the wearer OR if the filter is damaged in any way eg by welding sparks.

Are there situations where particle filters must not be used?

There are several applications where particle filters should NOT be used:

- When the ambient Oxygen level is not guaranteed to be > 19.5%. Filters do not create oxygen.
- For the capture of gases or vapours - these need a specifically rated gas/vapour filter.
- When the airborne particulate contaminant concentrations are high ie greater than the standard allows for that respirator type.
- When Government Regulations require use of airline or other specific type of respirator for specific applications.

Filter fibre

Inertial Impaction Dominant for large particles (>0.6μm)

Filter fibre

Interception Capture Operative for particles greater than 0.1 μm

Filter fibre

Diffusion Capture Operative for particles < 0.4 μm, dominant for < 0.1 μm
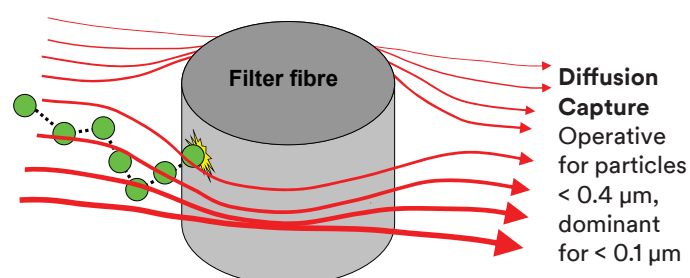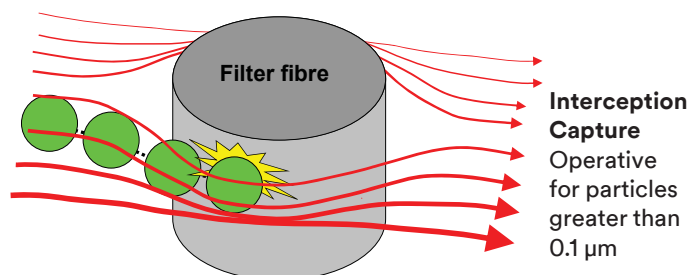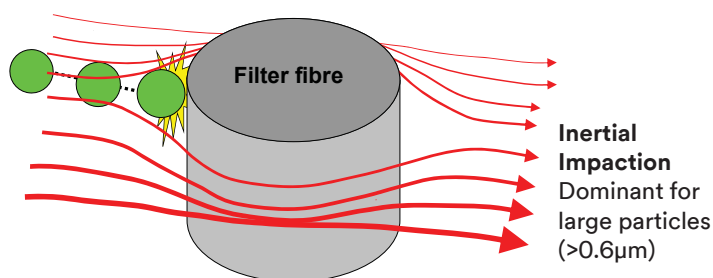
A respiratory solution for every task.

It's clearly recognised that we need clean air to survive and that exposure to toxins could cause irreparable damage to our health, but sometimes respiratory risks are not obvious or the damage to human respiratory systems occurs over a longer period of time, which is why choosing suitable respiratory protection is important for long term worker health.

AS/NZS 1715:2009 which covers the selection, use and maintenance of respiratory protection equipment states: "The effective management of risks to health is achieved by identifying the hazards, assessing the risk associated with those hazards and controlling the risks to health".

The following summarises the tasks needed to ensure a safe respiratory working environment.

1. Undertake a risk assessment to identify the hazard and if possible remove or reduce the hazard, which is always preferable to using Respiratory Protective Equipment (RPE). If this is not possible, appropriate RPE will need to be selected and implemented, to prevent inhalation of contaminated air.

2. A clearly defined set of selection steps must be followed to determine the type of RPE that is best suited for the job and the contaminant.

Respiratory protective devices are classified into two main groups; Air Purifying Respirators (Filtering devices) and Air Supplied Breathing Apparatus.

Where an Immediately Dangerous to Life and Health (IDLH) atmosphere is identified, air purifying respirators/filtering devices are not suitable, and self-contained and/or air supplied demand breathing apparatus must be used, due to the risk of oxygen displacing gases or other hazards where a filter may not provide appropriate protection from the hazard. RPE are given a Protection Factor (PF), which is a measure of the efficiency of the respiratory protection devices, i.e. if the content of a substance on the inside of the mask is one fiftieth of what it is in the ambient air, the respiratory protective device is said to have a Protection Factor of 50.

In addition to identifying the hazard, AS/NZS 1715:2009 states that;

- All users must be trained to use RPE
- RPE must fit properly to prevent leaks around the edges
- Fit-testing must be done before first wearing a mask
- Beards, moustaches, sideburns, stubble & long hair are not allowed when wearing a mask
- Cleaning and maintenance of RPE is required.

Select the right respirator.

Half Face and Full Face masks; are offered in a variety of materials and sizes to suit most face sizes and shapes.

Half Face	4000	6000	6500QL	7500	AVIVA 40
Enhanced Durability			■	■	■
Enhanced Comfort			■	■	■
Drop-down Feature			■	■	■
3M™ Cool Flow™ Valve			■	■	
Compatible with 3M™ Supplied Air System		■	■	■	
Compatible with 3M™ PAPR Systems					
Silicone Faceseal			■	■	
Compatible with Welding Shield		■	■		
Compatible with PAPR system with BT60 tube				■	

Full Face	6000 FF	6800DIN	7800 FF	Vision	Promask Single	Sari	M98
Enhanced Durability		■	■	■	■	■	■
Enhanced Comfort	■						
3M™ Cool Flow™ Valve	■						
Compatible with 3M™ Supplied Air System	■		■	■	■		
Compatible with 3M™ PAPR Systems	■			■	■	■	
Silicone Faceseal	■	■	■	■		■	
Speech Diaphragm			■	■	■	■	■

Guide to identify and assess hazards.

To identify all respiratory hazards review your workplace by:
Task / Area / Process

↓

Respiratory hazards can be categorised as follows:

Oxygen Deficiency	**Gases/Vapours**	**Particulates**	**Particulates**
		Mechanically generated = P1 Thermally generated = P2	Toxic = P3 For high protection factors = P3
Less than 19.5% oxygen Eg. Confined space	Eg. Organic vapours, Inorganic gas, acid gas, ammonia	Eg. Dust/mist, metal fume, fibre, micro organism	Eg. Beryllium

↓

Risk Assessment
Assess Contaminants / Exposure Levels / Workplace Exposure Standard

↓

Match Cartridge/Filter type to the hazard

Oxygen Deficiency	**Gases/Vapours**	**Particulates**	**Particulates**
		Mechanically generated = P1 Thermally generated = P2	Toxic = P3
Seek advice from your safety supplier for airline, built-in or SCBA options	Refer to page 42 of catalogue for 3M Cartridge options	Refer to page 42 of catalogue for 3M Filter options	Refer to page 42 of catalogue for 3M Cartridge/Filter options

↓

Match the Reusable Respirator to the Cartridge/Filter

This is a guide only. Selection of the most appropriate personal protective equipment (PPE) will depend on the particular situation and exposure levels and should be made only by a competent person knowledgeable of the assessed risks, actual working conditions and limitations of PPE. Details regarding performance and limitations are set out on the product packaging and user insformation. If in doubt, contact a safety professional or 3M.

For respiratory training and advice please contact your local 3M representative.

Hazard identification and protection recommendations

Industry	Application	Hazard	Recommended Protection
Construction	Painting, spraying, varnishing, coating	Solvent-based paint Solvents, resins, synthetic resins Latex-paint, residual solvents Spray-on glue, foam, varnish, adhesive	A1P2
Metal Fabrication	Welding, metal cutting, metal pouring, soldering, brazing	Metal fumes	P2
	Welding - TIG, MIG and other	Metal fumes, ozone gas. Nuisance levels of organic vapour	GP2
Agriculture	Spraying low vapour pressure*** pesticides, herbicides or fungicides	Organic vapour, mist, dust	GP2
	Mixing pesticide, herbicide or fungicide or spraying organic vapours	Organic vapour, mist, dust	A1P2
Automotive	Cleaning or using organic solvents, degreasing, paint thinners and glues	Organic vapour	A1
	Brush or roller application* of 2 pack type paints	Isocyanates*	A1
Fibreglass	Laying up	Expoxy and polyester resin, amines & anhydride hardner. Methy ethyl ketone peroxide (MEKP), styrene vapour	A1P2
	Using a chopper gun	Glass fibre, dust, resin and styrene vapour	
	Spray painting & cleaning moulds	Organic vapour and mist	
Maintenance	Disinfection, cleaning	Organic vapour, mist and dust	A1P2
		Organic vapour, formaldehyde, mist and dust	ABE1P2
Other	Handling	Ammonia (NH3)**	K
		Bacteria, spores, odours	P2
		Hydrochloric acid vapour or mist**	ABEP2
		Petroleum solvents	A2
		Sulphur dioxide**	E
		Particulates**	P2
		Hazardous goods storage/transport	Seek specialised advice from 3M

* For protection from Isocyanates when spraying polyurethanes/2 pack, please contact the 3M TechAssist Helpline. **Also need to consider eye/face/skin protection. ***Low vapour pressure < 1.3Pa @ 25ºC. P3 protection is only achieved on a full face respirator.

Filter selection guide

Filter Type	Colour	Main area of application
P	White	Particles: Dusts, mists, fumes, fibres, toxic particles & microorganisms (bacteria, fungi, viruses, enzymes)
A	Brown	Organic gases and vapours with boiling point >65ºC. eg. Toluene, Xylene, MEK, Benzene, Alcohols
AX	Brown	Highly volatile organic solvents with boiling point <65ºC. e.g. Methanol, 1.3-Butadiene, Acetaldehyde
B	Grey	Acid gases, e.g chlorine, hydrogen sulphide, hydrogen chloride
E	Yellow	Inorganic gases such as sulphur dioxide
K	Green	Ammonia and organic ammonia derivatives
Hg	Red	Mercury (vapour) and mercury compounds

Application limits for Gas & Vapour respirators (AS/NZS1715):
- Half face respirators can be used up to 10 times the relevant Workplace Exposure Standards (WES) or up to 1000 ppm, whichever limit is reached first.
- Full face respirators can be used up to 100 times the WES with a Class 2 filter or up to 5000 ppm, whichever limit is reached first.
- A1 and A2 Cartridges are designed for use with organic vapours with a boiling point above 65ºC.
- AX Cartridges are used for organic vapours with a boiling point under 65ºC. Note: 3M™ AX Cartridges are single use and can only be fitted to 3M™ Full face respirators.

This selection guide is only an outline designed to focus on products which may be appropriate for typical applications - it should not be used as the only means of selecting a product. Selection of the most appropriate personal protective equipment (PPE) will depend on the particular situation and exposure levels and should be made only by a competent person knowledgable of the assessed risks, actual working conditions and limitiation of PPE. Details regarding performance and limitations are set out on the product packaging and user information. If in doubt, contact a safety professional or 3M.

3M™ 7500 Series Reusable Respirator

The 3M™ Half Face Reusable Respirator 7500 Series has a soft, silicone face seal for greater comfort and durability. The 3M™ Cool Flow™ Valve helps make breathing easier and can reduce heat and moisture build-up for cool, dry comfort. Combine with a broad range of twin, lightweight 3M™ filters or cartridges to provide respiratory protection against particulates and a variety of gases and vapours.

Features and Benefits:

- Soft, silicone facepeice for comfort and durability
- Drop down feature for added convenience during breaks
- Thin nose bridge area for reduced pressure and improved comfort
- 3M Cool Flow Exhalation valve offers reduce breathing resistance
- Respirator design helps reduce fogging when wearing eye protection
- Flexible system for use with 3M gas, vapour and particulate cartridges and filters
- Maintainable through a range of spare parts

3M Order Code	Model #	Description
XA007709323	7501	Small for use with 3M™ 6000, 2000 & 5000 Series Filters
XA007709331	7502	Medium for use with 3M™ 6000, 2000 & 5000 Series Filters
XA007709349	7503	Large for use with 3M™ 6000, 2000 & 5000 Series Filters

Reusable Respirators

3M™ 6500QL Series Reusable Respirator

- Overmolded / Low-Profile Design
- Optimum fit and comfort with three-size-adjustable head cradle
- Silicone Faceseal provides comfort and stability with a soft but firm faceseal
- 3M™ Cool Flow™ Valve for Easier breathing

3M Order Code	Model #	Description
70071668134	6501QL	Small for use with 3M™ 6000, 2000 & 5000 Series Filters
70071668142	6502QL	Medium for use with 3M™ 6000, 2000 & 5000 Series Filters
70071668159	6503QL	Large for use with 3M™ 6000, 2000 & 5000 Series Filters

3M™ 6000 Series Reusable Respirator

- Provides Lightweight, Easy-to-use, Economical Protection
- An economical choice
- Facepiece is made from soft, lightweight thermoplastic elastomer
- Head harness assembly and spare parts available

3M Order Code	Model #	Description
XA007702633	6100	Small for use with 3M™ 6000, 2000 & 5000 Series Filters
XA007702658	6200	Medium for use with 3M™ 6000, 2000 & 5000 Series Filters
XA007702674	6300	Large for use with 3M™ 6000, 2000 & 5000 Series Filters

3M™ AVIVA 40 Reusable Respirator

- Hybrid Reflex Seal: unique face seal flexes on the face for increased comfort and fit
- Specially blended super-comfortable material without the use of silicone
- Integrated voice panel, for enhanced voice intelligibility
- Goggle pinch – allows better integration with eyewear
- Extremely low breathing resistance eases the respiratory burden on the wearer's lungs
- Downward facing exhale valve avoids misting to eyewear

3M Order Code	Model #	Description
XP100549284	8005000ANZ	Small for use with certain Pro2000 filters
XP100549292	8005001ANZ	Medium for use with certain Pro2000 filters
XP100549300	8005002ANZ	Large for use with certain Pro2000 filters

3M™ 4000 Series Reusable Respirator

- Lightweight, low profile and well balanced design
- Textured face seal minimises slippage and improves comfort
- Use until damaged, particulate filters clog or gas filters become saturated
- Ideal for contractors, plant shutdowns and spill response
- Eliminates the need for a separate respirator, cartridge/filter or carrying out respirator maintenance
- Re-sealable bag provides convenient and clean storage between uses

3M Order Code	Model #	Description
GT500075798	4251	Organic Vapour/Particulate - A1P2
AT010561309	4255	Organic Vapour/Particulate A2P2
GT500075814	4277	OV/AG Particulate A1B1E1P2
AT010561325	4279	Multi Gas A1B1E1K1P2

3M™ Reusable Half Face Respirator Starter Kits

These kits are designed to offer respiratory protection in a convenient and easy way – an ideal solution to get you started. The kits provide protection for a range of applications, from spray painting to sanding or welding. To avoid moisture and contaminant exposure, the respirator is housed in a handy, sealable storage container.

3M™ AVIVA 40 Half Face Spraying Ready-Pak

Complete respirator kit with AVIVA 40 half face respirator and a Pro2000 filter & Pre-filter. Packed in a convenient re-sealable storage container for mask and filter protection. Front mounted DIN40 fiter thread compatible with the Pro2000 filter range. Certified to AS/NZS 1716:2012.

3M Order Code	Model #	Description
AT010701277	8005007ANZ	AVIVA 40 Spraying Ready-pak A2P2, Small
AT010701087	8000645ANZ	AVIVA 40 Spraying Ready-pak A2P2, Medium
AT010701095	8000646ANZ	AVIVA 40 Spraying Readypak A2P2, Large

3M™ 6551QL Spraying Respirator Kit

A convenient respiratory kit designed for certain painting* and spraying environments. The kit comes complete with the 3M™ Half Face Reusable 6502QL Medium Respirator for comfort and durability. It features 3M™ Cool Flow™ Exhalation Valve which reduces breathing resistance and minimize heat build-up. The Quick Latch drop down mechanism provides ease in donning and doffing the face piece.

** Not to be used when spraying isocyanate based paints

3M Order Code	Model #	Description
AT010623794	6551QL	Spraying Kit-A1P2 Small
AT010623802	6551QL	Spraying Kit-A1P2 Medium
AT010623810	6551QL	Spraying Kit-A1P2 Large

3M™ Spraying Respirator Kit 7551

A convenient respiratory kit designed for certain painting* and spraying environments. The kit comes complete with the 3M™ Half Face Reusable 7500 Series Respirator for comfort and durability. The 3M™ Cool Flow™ Exhalation Valve reduces breathing resistance and minimizes heat build-up.

** Not to be used when spraying isocyanate based paints

3M™ Spraying Respirator Kit 6251

A convenient respiratory kit designed for certain painting* and spraying environments. The kit comes complete with the 3M™ Half Face Reusable 7500 Series Respirator for comfort and durability. The 3M™ Cool Flow™ Exhalation Valve reduces breathing resistance and minimizes heat build-up.

** Not to be used when spraying isocyanate based paints

3M Order Code	Model #	Description
AT010623372	7551S	Spraying Respirator Kit - A1P2 Small
AT010623380	7551M	Spraying Respirator Kit - A1P2 Medium
AT010623398	7551L	Spraying Respirator Kit - A1P2 Large

3M Order Code	Model #	Description
AT010590639	6251	Spraying Respirator Kit - A1P2 Medium

Reusable Respirators

3M™ Welding Respirator Kit 6228

Includes a 3M™ Half Face 7500 Series Respirator with special Cool Flow™ valve and soft silicone material. Ideal for working in hot and humid conditions or during prolonged use.

3M Order Code	Model #	Description
AT010590621	6228	Welding Respirator Kit - GP2 Medium

3M™ 6528QL Welding/Particulate Kit

The kit comes complete with the 3M™ Half Face Reusable 6500QL Medium Respirator for comfort and durability. It features 3M™ Cool FlowTM Exhalation Valve that reduces breathing resistance and minimizes heat build-up. The Quick Latch drop down mechanism provides ease in donning and doffing the face piece.

3M Order Code	Model #	Description
AT010623406	6528QL	Welding/Particulate Kit-GP2 Small
AT010623414	6528QL	Welding/Particulate Kit-GP2 Medium
AT010623422	6528QL	Welding/Particulate Kit-GP2 Large

3M™ Multi-Gas Respirator Kit 6259

Includes a 3M™ Half Face 6000 Series Respirator that is simple and lightweight.

3M Order Code	Model #	Description
AT010590647	6259	Multi-Gas Respirator Kit - A1B1E1K1P2 Medium

3M™ Welding Respirator Kit 7528

Includes a 3M™ Half Face 6000 Series Respirator that is simple and lightweight.

3M Order Code	Model #	Description
AT010590654	7528	Welding Respirator Kit - GP2 Medium

3M™ Asbestos/Dust Respirator Kit 7535

A convenient respiratory kit designed for certain** asbestos tasks and environments containing dust. The kit comes complete with the 3M™ Half Face Reusable Respirator 7500 Series for comfort and durability. The respirator design helps reduce fogging when wearing eye protection (eyewear included).

3M Order Code	Model #	Description
AT010601592	7535S	Asbestos/Dust - P2/P3 Small
AT010601600	7535M	Asbestos/Dust - P2/P3 Medium
AT010601618	7535L	Asbestos/Dust - P2/P3 Large

3M™ Dust/Particle Respirator Kit 6225

Includes a 3M™ Half Face 6000 Series Respirator that is simple and lightweight.

3M Order Code	Model #	Description
AT010782426	6225	Dust/Particle Respirator Kit Small
AT010590613	6225	Dust/Particle Respirator Kit Medium
AT010782418	6225	Dust/Particle Respirator Kit Large

3M™ AVIVA 40 Half Face Asbestos Dust Ready-Pak

3M Order Code	Model #	Description
AT010701269	8005003ANZ	AVIVA 40 Asbestos Dust Ready-pak P2, Small
AT010701061	8000643ANZ	AVIVA 40 Asbestos Dust Ready-pak P2, Medium
AT010701079	8000644ANZ	AVIVA 40 Asbestos Dust Ready-pak P2, Large

3M™ 6000 Series Full Face Respirator

The 3M™ Full Face Reusable Respirator 6000 Series is simple to use and comfortable to wear. Combine with a broad range of twin, lightweight 3M™ filters or cartridges to provide respiratory protection against particulates and a variety of gases and vapours.

Features and Benefits:

- 3M™ Full Facepiece Respirators 6000 Series, Reusable
- Soft, silicone face seal for greater comfort and durability
- Wide field of vision
- Polycarbonate, high impact visor
- Lightweight design with silicone face seal enhances comfort and improves durability
- Unique centre adapter to direct exhaled breath and moisture downward, helps reduce debris from depositing in the valve, and allows for quick and easy cleaning
- Flexible system for use with 3M gas, vapour and particulate cartridges and filters
- Can also be used with 3M Supplied-Air Systems
- Available in four different modes; can be used with both negative and powered and supplied-air systems

3M Order Code	Model #	Description
70070709046	6700	Small for use with 3M™ 6000, 2000 & 5000 Series Filters
70070709053	6800	Medium for use with 3M™ 6000, 2000 & 5000 Series Filters
70070709186	6900	Large for use with 3M™ 6000, 2000 & 5000 Series Filters

3M™ Scott™ Promask
Single Filter Full Face Respirator

- DIN40 threaded filter connection
- Wide range of high performance Pro2000 filters available to address a variety of hazards
- Non allergenic halo butyl face piece with wide panoramic polycarbonate visor
- Five point adjustable head harness provides increased wearer comfort and fit
- Speech diaphragm provides clear and audible speech transmission

3M Order Code	Model #	Description
XP100547205	12670	Small for use with Pro2000 filters
XP100544079	12681	Medium/Large for use with Pro2000 filters

3M™ Scott™ M98 Full Face Respirator

- Protects against chemical, biological, radiological, nuclear (CBRN) and riot control agents
- Easy-to-use drinking device for hygienic and rapid ingestion of liquids
- Military grade mask - requires end-user declaration to be completed upon purchase
- Advanced speech diaphragm provides optimal personal communication

3M Order Code	Model #	Description
XP100547346	013010	M98 Full Face Natural Rubber Harness Medium for use with Pro2000 Filters
XP100547353	013030	M98 Full Face Textile Webbing Harn Medium - for use with Pro2000 Filters
XP100547361	013031	M98 Full Face Textile Webbing Harn Small - for use with Pro2000 Filters

3M™ Scott™ Sari Full Face Mask (FM2) Respirator

- Wide sealing edge for comfort and excellent fit
- Natural rubber front-port face mask, also available in Silicone material
- Comfortable to wear even for long periods
- Adjustable five-point rubber head harness
- Large distortion-free visor
- Available in 2 lens type; polycarbonate and triplex
- Speech diaphragm affords clear communication
- Choice of PU fixed length or EPDM hose (purchased separately)
- Approved with Proflow SC160 only
- Certified to AS/NZS 1716:2012 PAPR P3
- Use with Pro2000 filters

3M Order Code	Model #	Description
XP100547114	011680	Sari Natural Rubber
XP100544038	011685	Sari Silicone
XP100215746	019805	Sari Triplex Visor

3M™ Scott™ Vision Full Face Respirator

- The Vision visor provides a virtually unrestricted (98%) field of vision
- The visor curves through both the vertical and horizontal planes and remains optically perfect to prevent any visual distortion
- Hard coated to provide solvent and scratch resistance for low through-life costs
- Filters sit low and close to the face, providing excellent balance and weight distribution
- Front mounted filter

3M Order Code	Model #	Description
XP100544954	RFF1000	Vision Resp 1 Front Filter for use with Pro2000 Filters
XP100550100	RFF1000SM	Vision Fullface Resp Small Medium - for use with Pro2000 Filters

3M™ Scott™ Vision Full Face Respirator

- The Vision visor provides a virtually unrestricted (98%) field of vision
- The visor curves through both the vertical and horizontal planes and remains optically perfect to prevent any visual distortion
- Hard coated to provide solvent and scratch resistance for low through-life costs
- Filters sit low and close to the face, providing excellent balance and weight distribution
- Side mounted filter

3M Order Code	Model #	Description
XP100544962	RFF4000	Vision Resp 1 Side Filter for use with Pro2000 Filters
XP100550118	RFF4000S	Vision Fullface Mask Small Side Filter - for use with Pro2000 Filters

3M™ Scott™ Promask Twin Filter Full Face Respirator

- Full face respirator complete with silicone face piece and neck strap
- Uses the Pro2 range of filters (sold separately)
- T-bar face seal for increased protection
- Five point adjustable head harness provides increased wearer comfort and fit
- Speech diaphragm helps clear and audible speech transfer
- Slimline design allows easy integration with helmets and earmuffs
- Optional accessories available
- Suitable for heavy industrial, mining and emergency services
- Certified to AS/NZS 1716:2012

3M Order Code	Model #	Description
XP100547205	12670	Small for use with Pro2000 filters
XP100544079	12681	Medium/Large for use with Pro2000 filters

3M™ Reusable Full Face Respirator Starter Kit

A convenient respiratory kit designed for certain asbestos tasks* painting* and spraying and environments containing dust. The kit comes complete with the 3M™ Full Face Reusable 6000 Series Respirator for comfort and durability. The respirator is simple and easy to use, well balanced and provides a wide field of vision.

3M™ Asbestos/Dust Respirator Kit 6835, P3

3M Order Code	Model #	Description
AT010614199	6835S	Asbestos/Dust - P3 Small
AT010614207	6835M	Asbestos/Dust - P3 Medium
AT010614215	6835L	Asbestos/Dust - P3 Large

3M™ Spraying/ Painting Respirator Kit 6851 A1P2

3M Order Code	Model #	Description
AT010602608	6851S	Spraying/Painting - A1P2 Small
AT010614173	6851M	Spraying/Painting - A1P2 Medium
AT010614181	6851L	Spraying/Painting - A1P2 Large

Reusable Respirators

3M™ Particulate Filters Series

- Made from 3M high performance filter media for effective filtration efficiency
- Lightweight and provides low breathing resistance
- Suitable for use with 3M™ 6000/7500 Series Half Face Respirators and 3M™ 6000/7000 Series Full Face Respirators

2125   2128   2135   2138

6035   6038   5925   5935   501A   502   2076

3M Order Code	Model #	Description
TI551152299	5925	P2 Particulate Filter
TI551152356	5935	P3 Particulate Filter
AT010561416	501A	Filter Retainer for 5925 Particulate Filter
AT019223455	502	Filter Adapters
CR180811885	6035	P2/P3 Particulate Rectangular White Filter
CR180811893	6038	P2/P3 Particulate Rectangular with Nuis. OV/AG
70071486180	2125	P2 Particulate Disc Filter
70071486206	2135	P2/P3 Particulate Disc Filter
70071486198	2128	GP2 Particulate, Ozone & Nuisance Level OV/AG Disc Filter
70071486214	2138	GP2/GP3 Particulate, Ozone & Nuisance Level OV/AG Disc Filter
70070757912	2076	P2HF Particulate & Hydrogen Fluoride Disc Filter

3M™ Gas and Vapour Cartridge Filters Series

6057   6059   6075

6098   6051   6051i
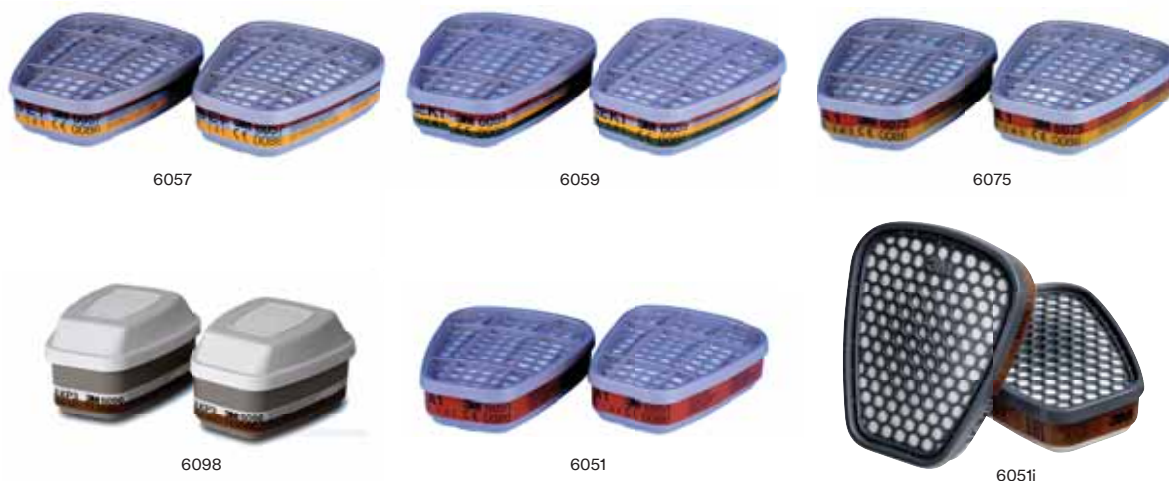
3M Order Code	Model #	Description
UU006790313	6051	A1 Organic Vapour
GT500084048	6055	A2 Organic Vapour
UU006790354	6057	A1B1E1 Organic Vapour/Acid Gas Cartridge
AT010561440	6054	K1 Ammonia/Methylamine Cartridge
UU006790370	6075	A1 Formaldehyde Cartridge
UU006790362	6059	A1B1E1K1 Multi Gas Cartridge
70071695228	6096	A1E1HgP3 Organic Vapour/Acid Gas/Mercury/Chlorine/Articulate Cartridge
70070709483	60926	A1B1E1K1 FormHF/P3 Multi Gas/Particulate
70071617974*	6098	AXP3 Organic Vapour & Particulates. For use with Full Face mask only
70071695210*	6099	A2B2E2K2HgP3+Formaldehyde. For use with Full Face mask only
70071624111	6051i	Organic Vapour Filter with Indicator, A1

* Use with Full Face mask only

Pro2000 Series DIN Filters

52670

042870

042979

042674

042671

042799

Pro² Filters

- Scott is introducing new Pro² filters with black covers. These filters are identical to the previous Pro² filters, but have new part numbers
- Filters compatible with Promask Twin, AVIVA² and Profile² masks
- Easy to fit bayonet design
- Range of filters available to address different workplace hazards
- Low profile and swept back filters provide balance and unobstructed vision
- Ideal for agricultural, automotive, chemical, light and heavy manufacturing industries
- Certified to AS/NZS 1716:2012

2032216

2032217

2032218

2032219

3M Order Code	Model #	Description
XP100544418	052670	Pro2000 Pf 10 P3
XP100544350	042870	Pro2000 Gf 22 A2
XP100544368	042873	Pro2000 Gf 22 K2
XP100544376	042979	Pro2000 Gf 32 A2B2E2K2
XP100547494	042970	Pro2000 Gf 32 Ax
XP100544277	042670	Pro2000 Cf 22 A2-P3
XP100544285	042671	Pro2000 Cf 22 B2-P3
XP100544301	042674	Pro2000 Cf 22 A2B2-P3
XP100544293	042673	Pro2000 Cf 22 K2-P3
XP100544343	042799	Pro2000 Cf 32 A2B2E2K2-P3
XP100544327	042770	Pro2000 Cf 22 Ax-P3
XP100544319	042678	Pro2000 Cf 22 A2B2E1-P3
XP100544335	042778	Pro2000 Cf 22 A1E1Hg-P3
XP100547460	042568	Pro2000 Cf 32 A2B2E2K2-P3 Foil Bag
XP100547486	042798	Pro2000 Cf 32 A2B2E2K2Hg-P3
XP100544434	052692	Pre-Filter Kit For Pro2000 Filters
XP100544442	052693	Pro2000 Filter Covers Orange Polythylene
XP100544269	042507	Filter End Caps (1Pc)
XP100218930	5052694	Filter Shower Cover

3M Order Code	Model #	Description
XP100149820	2032211	PRO2 P2 P3 filter black pair 20/CTN
XP100149846	2032213	GF PRO2 A2 filter black pair 20/CTN
XP100149853	2032214	GF PRO2 A1B1E1 filter black pair 20/CTN
XP100149861	2032215	GF PRO2 A1B1E1K1 filter black pair
XP100149879	2032216	CF PRO2 A1 P2 P3 filter black pair
XP100149887	2032217	CF PRO2 A2 P2 3 filter black pair 20/CTN
XP100149895	2032218	CF PRO2 A1B1E1 P2 3 filter black pair
XP100149903	2032219	CF PRO2 A1B1E1K1 P2 3 filter black pair

The importance of monitoring 3M™ gas diffusion monitors.

Knowing the specific contaminant and exposure levels is important to determine the appropriate respirator, and cartridge or filter for your work environment. This information will also help in estimating the life of selected 3M™ Gas and Vapour Cartridges. If exposure levels are not known, advice and monitoring is required.

While 3M does not carry out exposure assessments or monitoring, we do offer 3M™ Gas Diffusion Monitors (below) which can be a useful starting point. 3M™ Gas Diffusion Monitors are simple and effective devices that collect certain airborne contaminants using the principle of diffusion. They assist in the assessment of exposure to workplace contaminants, both personal and background. These monitors are easy to use and simply clip onto the shirt, collar or pocket.

Contact the 3M TechAssist Helpline for further information on chemicals which can be captured and approved laboratories for monitor analysis.

3M™ Organic Vapour Monitor

Uses a single wafer carbon sorbent for collecting organic vapours. The 3500 can be used for most applications, particularly suited to routine sampling of exposures to common solvents such as Toluene, Xylenes, Styrene, Naptha and White Spirits.

3M™ Organic Vapour Monitor with Backup Section

Uses a dual layer carbon sorbent for collecting organic vapours. Especially suited for monitoring compounds such as vinyl chloride, acrylonitrile, methylene chloride and butadiene for which activated carbon shows limited capacity. The 3520 has 2 layers for increased sampling capacity. Increased capacity may be necessary when sampling volatile compounds (compounds with low boiling points), high or unknown concentrations, complex mixtures or when sampling in high humidity.

3M™ Formaldehyde Monitor

Designed for measuring exposures to Formaldehyde such as those in the chemical, pulp and paper, foundry and textiles industries. The 3721 uses an impregnated filter to convert formaldehyde to a stable bisulfite addition product.

3M™ Ethylene Oxide Monitor

Designed for measuring exposures to Ethylene Oxide such as those in the pharmaceutical, health care and chemical industries. The 3551 utilises brominated carbon to collect and convert reactive ethylene oxide to a more stable derivative called 2-bromoethanol. They can be used for 15 minute STEL sampling.

3M Order Code	Model #	Description
70070032142	3500	Organic Vapour Monitor
70070061992	3520	Organic Vapour Monitor with Back-up Section 5 per case
70070614964	3520B	Organic Vapour Monitor with Back-up Section 50 per case
70070071397	3551	Ethylene Oxide Monitor
70070093953	3721	Formaldehyde Monitor

Fit Testing

It's more than just products, it's knowing how to wear them that helps bring you home safely at the end of your workday.

Why is fit testing so important?

The biggest contributor to reduced respiratory protection is poor fit. Checking that a respirator, with a tight fitting facepiece provides an adequate seal to the wearer's face has long been considered best practice as part of a general Respiratory Protection Program.

Reflecting this, a fit test for wearers tight fitting facepieces is required for compliance to AS/NZS 1715:2009. Respirators with tight fitting facepieces include disposable respirators, half and full-face respirators, including those that form part of a powered or air-fed respirator.

Fit testing should be carried out:
- Before the respirator is issued
- On all wearers of respirators with tight fitting facepieces where fit testing has previously not been performed

Fit testing should be repeated at appropriate times such as:
- If the wearer significantly loses or gains weight, has major dental work or sustains a major facial injury
- If a different size or model of Respiratory Protective Equipment (RPE) is specified
- Annually or when specified by the company policy e.g. during a health surveillance check
- Fit testing is in addition to performing a self-fit check. Prior to entering the contaminated area, at each use, the wearer should carry out a self-fit check to test the respirator fit.

There are two main methods of fit testing available:
- Qualitative fit testing
- Quantitative fit testing

You can contact 3M for qualitative and quantitative fit testing advice. During both methods of testing, it is essential that the person is free from facial hair and other items that may interfere with the face seal.

Wearers with facial hair or stubble (even a day's growth) must not wear a respirator which has a tight fitting facepiece. All tests require a series of exercises to be performed during the fit test. Manufacturers' instructions for the test equipment should be followed at all times.

A record of the result of the test should be generated and retained for at least 5 years. Some schools of thought consider these records to be identifiable to an individual and related to health controls; in which case records may need to be kept for 40 years. Check with your local regulatory authorities to determine their requirements.

For more information on the requirements of Fit Testing, refer to the AS/NZS 1715:2009

3M™ Qualitative Fit Test Kits

Conduct a fit test to ensure that a respirator with a tight fitting facepiece provides an adequate seal to the wearer's face.

The 3M Qualitative Fit Test apparatus FT-10 and FT-30 are designed for fit testing disposable and half face reusable respirators fitted with particulate or combination gas/vapour and particulate filters.

Features and Benefits:
- Offers a fast and easy method for performing qualitative fit testing
- No calibration of equipment required
- No modification of facepiece required
- Training resources available, please contact your local 3M representative for more information
- Each kit contains a hood and collar assembly, two nebulisers, sensitivity solution, test solution and detailed instructions
- Replacement solutions and accessories can be purchased separately
- Available with Sweet (FT-10) or Bitter (FT-30) solutions

3M Order Code	Description
70070121515	3M™ Qualitative Fit Test Apparatus Kit FT-10, Sweet (Saccharin)
70070121457	3M™ Sensitivity Solution FT-11, Sweet (Saccharin)
AT019167397	3M™ Fit Test Solution FT-12, Sweet (Saccharin)
AT019167058	3M™ Fit Test Nebuliser FT-13
70070121481	3M™ Fit Test Hood FT-14
70070709640	3M™ Qualitative Fit Test Apparatus Kit FT-30, Bitter (Bitrex)
70070709657	3M™ Sensitivity Solution FT-31, Bitter (Bitrex)
70070709665	3M™ Fit Test Solution FT-32, Bitter (Bitrex)

Powered Air Purifying Respirators

Providing clean breathing air is essential when working in areas where hazardous contaminants are present. 3M offers an extensive and flexible range of industrial powered and supplied air respirators, developed especially for the toughest environments. These respiratory protective systems offer comfortable protection against multiple hazards and their ease-of-use enables improved productivity in the workplace. 3M is available to support the user in the correct selection, training and proper use of these products.

Powered Air Purifying Respirators

Powered Air Purifying respirators (PAPR's); include a blower that draws contaminated air through filter/s to remove contaminants, supplying purified air to the user wearing either an open head top (loose fitting hood) or tight-fitting face mask. Like full and half face masks, PAPR's are also available in ready-packs to simplify the respiratory selection process.

3M offers Proflow PAPR in Ready-Paks as:
- Asbestos & Dust with full face masks (often used with fibrous asbestos removal work)
- Half and Full Hood Head tops ideal for chemical and pharmaceutical industry
- Helmets and face shields ideal for welding applications.

The benefits of a PAPR are:
- Protection factors up to 100+, based on the headtop and filter/cartridge being used
- Good option if using for long periods by reducing the weight of a filter carried on a face mask
- Helps prevent user fatigue with air moving around the head and face cooling the wearer
- Available with a wide range of open and closed head tops (hoods & masks).

These features make PAPR's ideal for industries such as; asbestos removal, pharmaceutical manufacture, smelters, waste control, land remediation, welding and agriculture With any negative pressure or PAPR RPE the selection and use of the correct filter for the contaminant/hazard is crucial. Filters are typically designed to handle particulates, gas/vapour or a combination of both particulate and gas.

The life of a gas cartridge is dependent upon the temperature, humidity, concentration and type of contaminant, the class of filter and the rate of breathing of the wearer. Filters should be replaced on a regular basis in accordance with an established filter replacement schedule identified in the initial risk assessment. AS/NZS 1716: 2012 recommends discarding your filter when any one of the following conditions exists:

- The filter becomes difficult to breathe through
- Breakthrough gas occurs; indicated by smell or taste or according to the filter replacement schedule identified during the risk assessment
- 6 months has passed since sealed gas/vapour filter package has been opened
- The expiry date on the filter has passed.

In some instances, depending on the type of chemical hazard, filters must be changed out after each shift.

If filters are to be re-used they should be stored in a sealed plastic bag or box.

Filter classifications:

Particulate Filters are classified as P1, P2 or P3:
- P1 filters handle mechanically generated particles
- P2 filters handle mechanical & thermally generated particles
- P3 filters handle mechanical & thermally generated particles

Gas filters are rated Class 1, Class 2 or Class 3 according to their capacity to capture and hold certain gas/vapours
The classification for gas & vapour filters is based on the groups of gases they are designed to be most effective against. Filters have colour-coded labels for easy identification of the different groups.

Experience maximum flexibility as you move from one job to the next.

New levels of comfort and simplicity

3M offers an extensive and flexible range of powered and supplied air respirators developed for a wide range of environments, applications and hazards.

These respiratory protective systems offer comfortable, integrated protection against multiple hazards providing respiratory, head, face, eye and hearing protection. Their ease-of-use can improve productivity in the workplace.

1. All 3M™ Versaflo™ Brand Products are light-weight, compact and well-balanced

2. Two-position adjustable airflow feature distributes air where the user wants

3. Multiple size adjustment options allow for a comfortable fit

4. Equipped with automatic flow control, low battery alarm, and low flow alarm

5. QRS (Quick Release Swivel) breathing tubes allow fast and easy connection

6. Provides excellent peripheral and downward vision

7. Easily removable parts allow simple cleaning, maintenance and replacement

8. The air inlet draws air from the bottom of the unit, allowing the wearer to sit without blocking the airflow intake

Powered Air

Supplied Air

Should I choose:

A powered air system?

- ●Incorporates a battery powered motorised fan to draw air through a filter
- Cannot be used to protect against substances with poor warning properties (taste/smell)
- Must not be used in conditions that are Immediately Dangerous to Life or Health (IDLH)
- Suitable for use over long shifts - reduced breathing resistance
- Can offer integrated head, eye and face protection

A supplied air system?

- Air is supplied from a compressor (compressed air must be of breathable quality)
- Can be used to protect against substances with poor warning properties (taste/smell)
- Must not be used in conditions that are Immediately Dangerous to Life or Health (IDLH)
- Suitable for use over long shifts - reduced breathing resistance
- Can offer integrated head, eye and face protection

Powered Air Respirators

3M™ Versaflo™ Powered Air Turbo TR-300+

3M™ Versaflo™ Powered Air Turbo TR-600

3M™ Versaflo™ Powered Air Turbo TR-800

3M™ Jupiter™ Powered Air Turbo

Supplied Air Respirators

3M™ Versaflo™ Supplied Air Unit V-100

3M™ Versaflo™ Supplied Air Unit V-200

3M™ Versaflo™ Supplied Air Unit V-300

3M™ Versaflo™ V-500 Regulators V-Series

Supplied Air System Stethoscope

Modular Systems

The modular respirator system is a comprehensive approach to worker protection systems based on comfortable-to-wear modules. All modular headtops, air delivery units and breathing tubes are compatible with one another. Users can mix and match parts as they move from one environment to another, or from one application to the next. It is the ultimate in flexibility for handling changing user environments.

Individual Systems

The individual respirator systems can be used in a variety of workplace applications. They include powered air respirators with integrated head, eye, face and respiratory protection and supplied air regulators with half and full face masks.

Selection process for modular systems

Powered air systems

Stage 1A Select Powered Air Turbo* Stage 1B Select Filters, Battery and Belt	Stage 2 Select your Headtop	Stage 3 Select your Breathing Tube	Stage 4 Choose Accessories

* Want an even easier way to select a system? Choose 3M's powered air starter kits, which include everything apart from the headtop.

Supplied air systems

Stage 1 Select your Regulator	Stage 2 Select your Headtop	Stage 3 Select your Breathing Tube	Stage 4 Select your Compressed Air Supply Tube	Stage 5 Choose Accessories

Modular respirator systems

3M™ Versaflo™ Headcovers and Hoods S-Series

Integrated Suspension   Reusable Suspension

S-133 S/L   S-433 S/L   S-655
S-333G S/L   S-533 S/L   S-657
                                        S-757   S-855E

3M™ Versaflo™ Headtops M-Series

Faceshields   Helmets   Helmets with Shrouds

M-206   M-306   M-406
M-207   M-307   M-407

Breathing tubes

BT-20 S/L: Lightweight (in two lengths)
BT-30: Self-adjusting
BT-40: Heavy-duty rubber

BT-20 S/L   BT-30*   BT-40   BT-922

* BT-30 not approved for use with M-400 Headtop/TR-600 Powered Air Turbo combinations. BT-20S/L or BT-40 Breathing Tube should be used.

Powered air turbos

Particulate only (nuisance level organic vapour and acid gas options available)

Particulate + Gas & Vapour

Particulate + Gas & Vapour

Particulate + Gas & Vapour

Intrinsically Safe Particulate + Gas & Vapour

3M™ Versaflo™ Powered Air Turbo TR-300+

3M™ Versaflo™ Powered Air Turbo TR-600

3M™ Versaflo™ Powered Air Turbo TR-800

3M™ Jupiter™ Powered Air Turbo

3M™ Jupiter™ Powered Air Turbo with IS Kit

Filter
- Spark Arrestor
- Prefilter
- P3 Filter
- P3/Nuisance Level Organic Filter
- P3/Nuisance Level Acid Gas (HF up to 10 x Threshold Limit Value)

Battery
- Standard battery
- High capacity battery

Charger
- Single Station Battery Charger
- 4-Station Battery Charger Kit

Filter
- Spark Arrestor
- Prefilter
- P3 Filter
- P3/Nuisance Level Organic Vapour/Acid Gas
- A1P3 Filter
- ABEHgP3 Filter

Battery
- Standard Battery
- High Capacity Battery

Charger
- Single Station Bat. Charger
- 4-Station Bat. Charger Kit

Filter
- Prefilter Pads
- Particulate P3 Filters
- A1P3 Filters
- ABEKP3 Filters

Battery
- 8 hour Battery
- 4 hour IS Battery

Charger
- Single Station Battery Charger
- 10-station Multi Battery Charger

3M™ 6000 Series Full Face Respirator and 3M™ 7500 Series Reusable Respirator

Full Face

Half Face

6000

7500

Individual respirator systems

Belt-mounted powered air respirator system for asbestos environments

Proflow SC 160
Asbestos ReadyPak

Face-mounted powered air respirator

3M™ Powerflow™
Powered Air System

Breathing tube accessories

BT-922: Disposable Cover
BT-926: Flame-resistant Cover
BT-927: Radiant Heat Cover

BT-63

BT-64

Helmet-Mounted Powered Air Respirator

3M™ Airstream™Helmet

Supplied air regulators

Air Cooling

Air Heating

Flow Controlled

3M™ Versaflo™
Supplied
Air Unit V-100

3M™ Versaflo™
Supplied
Air Unit V-200

3M™ Versaflo™
Supplied
Air Unit V-300

3M™ Versaflo™
Supplied
Air Regulator V-500

Stethoscope Airline system

Airline accessories

Air Supply Tube

3M™ Versaflo™ TR-800 Powered Air Purifying

- The Versaflo TR-800 features a PAPR blower UL-certified with anintrinsically safe (IS) rating of Division 1: IS Class I, II, III; Division 1 (includes Division 2) Groups C, D, E, F, G; T4, under the most current standard (UL 60079, 6th Edition, 2013).
- LED indicators on the turbo indicate battery charge level, particulate filter loading status and airflow setting
- Low flow and low battery alarms - Visual, Audible and Vibratory
- Vibratory, audible and visual alarms assure you can hear, see and feel when your PAPR has low-charge or low-flow
- Compatible with multiple configurations of headtops, breathing tubes, batteries, filters, cartridges and more
- Ergonomically designed to fit close to the body and allow for greater movement in tight work spaces
- Multi-speed blower functions at altitudes up to 16,000 feet. Battery offers long run time and charges quickly, achieving 90% charge in approximately 3.5 hours.
- Multiple airflow rates put you in control of your comfort.
- Battery comes with built in charge level indicator, a mechanical attachment of battery to help prevent battery removal during use. Approximately 750 full charge/discharge cycles.
- Intuitive, coloured touchpoints plus visual and audible lowflow indicators help make the TR-800 easy to use.

Comfortable airflow
- Three user selectable flow rates to maximise comfort
- Controlled airflow delivers steady flow as battery discharges or filter loads with particulates

Innovative materials

Easy identification
Bright yellow touchpoints to differentiate from non-IS versions of Versaflo Product Family

Ease of use
- IS TR-800 Series display shows battery charge status and particulate filter loading status during use
- **Battery charge indicator** - charge status is also indicated by a useful LED display on the battery

Secure battery attachment
Mechanical attachment of battery to help prevent battery removal and spark risk during use per EN 60079-11

- No user calibration of turbo required
- Electronic audible and visual alarm in case of low battery and/or low air flow

Battery Protection
Battery features bumpers to help absorb impacts

Motor/Blower Safety

3M Order Code	Model #	Description
70071732666	TR-819A	TR-819A IS PAPR Starter Kit including battery and charger 1/CS
70071697117	TR-830	Battery, Intrinsically safe 1/CS
70071697133	TR-851	Filter latch assembly
70071697125	TR-838	Battery attachment tool
70071730900	TR-802E	PAPR Motor/Blower 1/CS

Non-Mining Gas atmospheres (Group II)
EN 60079-11 Ex ia IIB T4 Ga

ia - intrinsic safety for Equipment protection level Ga

IIB - Gas apparatus group

T4 - Max. surface temperature 135°C (-20°C ≤ Ta ≤ 55°C)

Non-Mining Dust atmospheres (Group III)
EN 60079-11 Ex ia IIIC 135°C Da

ia - intrinsic safety for Equipment protection level Da

IIIC - Dust apparatus group

135°C - Max surface temperature 135°C (-20°C ≤ Ta ≤ 55°C)

3M™ Versaflo™ Powered Air Purifying Respirators TR-600

- LED indicators on the turbo indicate battery charge level, particulate filter loading status and airflow setting
- Low flow and low battery alarms - Visual, Audible and Vibratory
- On-battery fuel gauge
- Vibratory, audible and visual alarms assure you can hear, see and feel when your PAPR has low-charge or low-flow
- Compatible with multiple configurations of headtops, breathing tubes, batteries, filters, cartridges and more
- Ergonomically designed to fit close to the body and allow for greater movement in tight work spaces

AT010620147

3M Order Code	Model #	Description
AT010620170	TR-619A	Versaflo™ Powered Air Turbo Starter Kit TR-619A includes battery, charger and P3 filter and filter cover
70071667862	TR-602E	Powered Air Turbo unit
52000053547	TR-630	Standard Battery TR-630
52000053554	TR-632	Versaflo™ High Capacity Battery
52000053570	TR-641E	Single Station Charger to Suit Versaflo™ TR-632 battery
52000053588	TR-644E	4 Station Charger to Suit the Versaflo™ TR-632 Battery
70071651692	TR-655/37385	Backpack adapter plate 1/C
78815045279	TR-627	Easy Clean belt
70071622081	TR-651	Filter Latch TR-651
70071618428	TR-653	Cleaning & Storage Kit to suit Versaflo™ TR Systems
70071618253	TR-662	Spark Arrestor TR-662 to suit Versaflo™ TR-600
70071668076	TR-971	Airflow Indicator for TR-600 Versaflo™ Unit
70071730884	TR-973	Air Flow Tube TR-600
78815045279	TR-627	Easy Clean Belt with Adaptor plate
52000053521	TR-626	High Durability Belt to Suit TR-602 Versaflo™ AFU

TR-600 & TR-800 Filters

3M Order Code	Model #	Description
70071622073	TR-6500FC	Filter Cover to Suit Versaflo™ TR -6580ANZ
UU008996223	TR-6580ANZ	ABE2K1HgP3 Filter For Organic Vapours, Acid Gases, In-organic vapours, Ammonia and Mercury including a P3 Filter
70071622065	TR-6300FC	Filter Cover to Suit Versaflo™ TR -6310ANZ P3 Filter
UU008996215	TR-6310ANZ	A2P3 Filter For Organic Vapours includes a P3 filter
70071618246	TR-6600	Versaflo™ Pre-Filter
70071622040	TR-6800FC	Filter Cover to Suit Versaflo™ TR -6820ANZ Nuisance Odour* P3 Filter
UU008996207	TR-6820ANZ	Nuisance Odour* Plus P3 Filter
70071618261	TR-6700FC	Filter Cover to Suit Versaflo™ TR-6710ANZ
UU008996199	TR-6710ANZ	High Efficiency Filter Versaflo™

Kits

3M Order Code	Model #	Description
AT010620147	TR6M-307	3M™ Versaflo™ TR6M-307 kit includes TR-619A with M-307 Headtop and P3 filter
AT010620154	TR6M-407	3M™ Versaflo™ TR6M-407 kit includes TR-619A with M-407 Headtop and P3 filter

BT-63 & BT-64 Breathing Tube

For use with Tight Fitting Face Masks (Full or Half Face) for use with TR-600 or TR-800 PAPR Units.

3M Order Code	Model #	Description
70071730876	BT-64	Versaflo™ Heavy Duty Tight Fitting Breathing Tube BT-64 1 EA/Case
70071730934	BT-63	Versaflo™ Length Adjusting Tight Fitting Breathing Tube BT-63 1/Case
70071730892	BT-953	Versaflo™ Cleaning & Storage Kit BT-953, for BT-63/64 Breathing Tubes 1/case
70071730884	TR-973	Versaflo™ Air Flow Indicator TR-973, for TR-600 PAPR with BT-63/64 Breathing Tube 1/case

70071730934   70071730876

3M™ Versaflo™ Powered Air Purifying Respirators TR-300+

The 3M™ Versaflo™ PAPR TR-300 is significantly lighter and thinner than past generations of 3M™ Belt-Mounted PAPR units. It also keeps its light weight close to the user's back, reducing the leverage effect that can cause PAPRs to feel heavier. The slim profile is designed for use in tight spaces, and its smooth, contoured outer surfaces are less prone to snagging on nearby objects.

- Two user selectable flow rates 185 & 205 l/min
- Controlled airflow delivers steady flow as battery discharges or filters loads with particulates
- Display shows battery charge status, selected airflow and particulate filter loading status during use
- Audible and LED alarm signals low battery charge or low airflow
- Three filter options available: P3 Particle, P3 Particle plus nuisance level organic vapours* & P3 Particulate only nuisance acid gas * and offers protection against hydrogen fluoride up to 10 x Occupational Exposure Limit
- Lithium ion battery with LED to indicate charge status
- Three belt options (standard, easy-clean and leather) for a range of applications
- Suitable for use in decontamination shower (IP 53)
- Nuisance level refers to concentrations below the Occupational Exposure Limit
- Compliant with AS/NZS 1716:2012

3M Order Code	Model #	Description
AT010590241	TR-315A+	Versaflo™ Integrated Powered Air Respirator system includes air filter unit, P3 Filter, standard belt, pre-filter, breathing tube, battery pack, battery charger, tote bin and user instructions

TR-315A+ Filters

3M Order Code	Model #	Description
AT010592650	TR-3600	Versaflo™ Prefilter
78815069378	TR-3712E	Versaflo™ Filter Particulate, P3
78815069386	TR-3802E	Filter P3 plus Nuisance Organic Vapour
78815069394	TR-3822E	Filter P3 & HF Plus Nuisance Acid Gases

3M™ Versaflo™/TR-300+ Integrated PAPR Systems Kits

"Versaflo™ Integrated Powered Air Respiirator system includes Headtop, air filter unit, P3 Filter, standard belt, pre-filter, breathing tube, battery pack, battery charger, tote bin and user instructions

3M Order Code	Model #	Description
AT010590514	TRM-106C	PAPR Faceshield (Comfort Faceseal) c/w Charger
AT010590522	TRM-107C	PAPR Faceshield (Flame Resistant Faceseal) c/w Charger
AT010590530	TRM-306C	PAPR Helmet (Comfort Faceseal) c/w Charger
AT010590548	TRM-307C	PAPR Helmet (Flame Resistant Faceseal) c/w Charger
AT010590555	TRM-406C	PAPR Helmet (High Durability Shroud) c/w Charger
AT010590563	TRM-407C	PAPR Helmet (Flame Resistant Shroud) c/w Charger
AT010591447	TRS-133C	PAPR Headcover c/w Charger
AT010591454	TRS-333C	PAPR Headcover c/w Charger
AT010591462	TRS-433C	Integrated Head Harness Hood c/w Charger
AT010591470	TRS-533C	Integrated Head Harness Hood c/w Charger
AT010591488	TRS-655C	Reusable Head Harness Hood c/w Charger
AT010591496	TRS-657C	Reusable Head Harness Hood c/w Charger
AT019433567	CAPM-306	M-300 with Cap Lamp Mount
AT010602756	6800-TR	Versaflo Plus Full Face Respirator Kit

Jupiter™ Intrinsically Safe Air Filter Unit

Jupiter IS Air Turbo Unit includes turbo case, motor, decontamination belt, pouch, battery and instructions. Battery Charger and Breathing Tube is not included.

3M Order Code	Model #	Description
AT019202582	902-03-00	Jupiter™ IS Turbo Battery and Pouch
XA007706071	085-01-00P	Blower Module
XA007706253	085-06-10P	Control Module -
52000044579	085-12-00P	4 Hour IS Battery and IS Pouch Jupiter
AT010596396	003-00-58PAUS	Battery Charger, CHG-02
AT019167745	022-25-10P4	Braces for Jupiter Belt System
70071533015	BT-20L	Breathing Tube
52000044306	003-00-59P	Jupiter 10 Station Charger
XA007708028	021-14-12P	Jupiter™ Airflow Indicator

Jupiter™ Turbo System

Jupiter Air Turbo Unit includes turbo case, motor, blower, decontamination belt, battery and instructions. Battery Charger and Breathing Tube is not included.

3M Order Code	Model #	Description
AT010592726	902-01-79	Jupiter AFU with Battery
XA007706071	085-01-00P	Blower Module
XA007706253	085-06-10P	Control Module - Jupiter
52000043803	007-00-64P	NIMH Battery Pack
AT010596396	003-00-58PAUS	Battery Charger, CHG-02
AT019167745	022-25-10P4	Braces for Jupiter Belt System
70071533015	BT-20L	Breathing Tube
52000044306	003-00-59P	Jupiter 10 Station Charger
XA007708028	021-14-12P	Jupiter™ Airflow Indicator

3M Jupiter™ Powered Air Respirator Systems

Jupiter™ Integrated Powered Air Respirator system includes Headtop, Turbo unit, standard belt, breathing tube, battery pack, battery charger, select headtop, and tote bin/storage tub.

3M Order Code	Model #	Description
AT019168023	902-01-83	JT1NC Jupiter™ Hood System w/Charger
AT010589623	902-03-93	Jupiter™ PAPR Faceshield with Flame Resistant F/Seal with Charger, JTM107C
AT019183881	902-01-91	JT10BLC Jupiter™ 10 Cape System Breathalon w/Charger
AT019184525	902-02-53	JT10NC Jupiter™ Cape System, Nylon w/Charger
AT010576943	902-01-81	JT12C Jupiter™ Helmet System w/Charger
AT019202582	902-03-00	Jupiter™ IS Turbo Battery and Pouch
AT010587767	902-03-82	JTM306C With Charger
AT010613993	902-03-85	JTM306C-SB Intrinsically Safe with Charger
AT010583410	902-03-35	JTS655C S-Series Headtop
AT010583428	902-03-36	JTS533LGC S-Series Headtop
AT010583923	902-03-37	JTS133LC S-Series Headtop
AT010587049	902-03-43	JTS433C S-Series Headtop

Jupiter™ Filters

3M Order Code	Model #	Description
CR180806000	450-00-25	Particulate Filter - P3 PAPR
CR180806018	453-00-25P	Organic Vapor & Particulate Filter - A1P3
CR180806042	453-09-25	Multigas & Particulate - A1B1E1K1P3 PAPR
CR180804708	461-00-02P24	Pre Filter Discs - 24 per pack

Powered Air Purifying Respirators

3M™ Versaflo™ Supplied Air Respirator V-500E

Versaflo™ Supplied Air Regulator Kit, V-500E includes air regulator with locking adjustment knob and integrated low air flow warning whistle, silencer, replacement carbon filter, auxillary port and user instructions.

3M Order Code	Model #	Description
XA007706675	V-500E	Supplied Air Regulator (Excludes breathing tube)
AT010587783	902-03-84	Versaflo™ Spray Painter Kit, ALVM-106E
AT010587809	902-03-86	Versaflo™ Supplied Air Helmet with Neck Shroud ALVM-406E

V-300 Standard Airline Kit

Standard Airline Kit includes Standard Airline Regulator, V-300, muffler, hose connector, belt and instructions.

V-200 Heating Airline Belt System

Heating Airline Kit includes Heating Vortex kit, V-200, muffler, hose connector, waist belt and user instructions.

3M Order Code	Model #	Description
AT019167991	902-01-78	Standard Airline Kit without Breathing Tube
ATO19184236	902-02-17	Standard Airline Kit QRS

3M Order Code	Model #	Description
AT010589466	902-02-85	Heating Airline Kit with Breathing Tube

V-100 Cooling Airline Belt System

Cooling Airline Kit includes Cooling Vortex Kit, V-100, muffler, hose connector, BT-30 adjustable breathing tube, waist belt and user instructions.

3M Order Code	Model #	Description
AT019184244	902-02-18	Cooling Airline Kit with adjustable Breathing Tube
AT019167983	902-01-77	Cooling Airline Regulator - Without Breathing Tube

3M Airline Respirator Systems and Kits

3M Order Code	Model #	Description
AT019167140	68SA2	Full Facepiece System - Medium
AT019167157	69SA2	Full Facepiece System - Large
AT019184236	902-02-17	Standard Airline Kit with Breathing Tube
AT019184244	902-02-18	Cooling Airline Kit with adjustable Breathing Tube
AT010589466	902-02-85	Heating Airline Kit with Breathing Tube
XA007706675	V-500E	Supplied Air Regulator (Excludes breathing tube)
AT010587783	902-03-84	Versaflo Spray Painter Kit, ALVM-106E
AT010587809	902-03-86	Versaflo Spray Painters Kit ALVM406E

Airline 3 Outlet Panel (1020L/min)

3M Order Code	Model #	Description
AT019184335	901-00-47	Air Panel with CEJN Fittings - 3 person
AT019165854	901-00-50	Coalescing Element
AT019165847	901-00-49	Carbon Element

Airline 1 Outlet Panel (425L/min)

3M Order Code	Model #	Description
AT019202772	901-01-07	Breathing Air Panel - 1 Fitting, 1 person
AT019202798	901-01-09	Coalescing Element
AT019202806	901-01-10	Carbon Element

Airline Breathable Air Hoses - CEJN Fittings

3M Order Code	Model #	Description
AT019165714	901-00-56	Breathing Hose 7.5m - CEJN
AT019165706	901-00-55	Breathing Hose 10m - CEJN
AT019165698	901-00-54	Breathing Hose 15m - CEJN
AT019185233	901-00-63	Breathing Hose 30m - CEJN

Powered Air Purifying Respirators

Stethoscope Airline Systems Full and Half Facepiece Sets

SA-2100 Dual Airline Backmount Adapter Kit, 6800 full face mask, 12mm BSPT Male Nipple - includes 6880 blanking caps

3M Order Code	Model #	Description
AT019167140	68SA2	Full Facepiece System - Medium Kit
AT019167157	69SA2	Full Facepiece System - Large Kit

Stethoscope Breathing Tube Sets

3M Order Code	Model #	Description
AT010589458	901-00-71	SA-2000 Dual Airline complete with CEJN Fitting
AT019202897	902-03-15	SA-2100 Combination Dual Airline complete with CEJN Fitting

Versaflo™ M-100 Series High Impact Faceshield

The Versaflo M-100 Series High Impact Faceshield provides integrated protection from specific respiratory, eye and face hazards with optional hearing protection. Two options for different applications:

- M-106 features a general purpose faceseal for dusts, spraying and chemical processing.
- M-107 features a flame resistant faceseal for applications with hot particles
- Compatible with TR-300, TR-600, TR-800, Jupiter units and supplied air regulators V-500
- M-100 Series Headtop will eventually be replaced with the M-200 Series Headtop

3M Order Code	Model #	Description
XA007707442	M-106	Versaflo Faceshield with coated visor and comfort faceseal
XA007707459	M-107	Versaflo Faceshield with coated visor and flame-resistant faceseal
70071544970	M-170	Versaflo M-100 Faceshield Head Inserts
UU003029491	M-150	Head Suspension - 1 per case
UU003029723	M-154	Forehead Seal - 1 per case

Ready to use PAPR Kits with M-100 Headtop

3M Order Code	Model #	Description
AT010587759	902-03-81	Jupiter™ PAPR Kit c/wM-106C Faceshield ComfortF/Seal c/w Charger, JTM106C
AT010589623	902-03-93	Jupiter™ PAPR Kit c/w M-107CFaceshield Flame Resistant F/Seal with Charger, JTM107C
AT010590514	TRM-106C	TR-300+ PAPR Kit c/w M-106C Faceshield F/Seal c/w Charger
AT010590522	TRM-107C	TR-300+ PAPR Kit c/w M-107C Faceshield Flame Resistant F/Seal c/w Charger

Versaflo™ M-200 Series High Impact Faceshield

The Versaflo M-200 Series High Impact Faceshield provides integrated protection from specific respiratory, eye and face hazards with optional hearing protection. Two options for different applications:

- M-206 features a general purpose faceseal for dusts, spraying and chemical processing.
- M-207 features a flame resistant faceseal for applications with hot particles
- M-200 offers a full headtop protection, eliminating the need of head inserts being needed.
- Compatible with TR-300, TR-600, TR-800, Jupiter units and supplied air regulators V 500
- M-200 will eventually replace M-100 Series Headtop

3M Order Code	Model #	Description
UU009054808	M-206	Faceshield with Comfort Faceseal replaces M-106
7100140472	M-207	Faceshield with FR PolyFaceseal

Versaflo™ M-300 Series High Impact Helmet

The Versaflo M-300 Series High Impact Helmet provides integrated protection from specific respiratory, head , eye and face hazards with optional hearing protection. Two options for different applications:

- M-306 features a general purpose faceseal for dusts, sprays and chemical processing.
- M-307 features a flame resistant faceseal for applications where hot particles may be present.
- Compatible with TR-300, TR-600, TR-800, Jupiter units and supplied air regulators V 500

*earmuff not included

XA007707467

3M Order Code	Model #	Description
XA007707467	M-306	Versaflo Helmet with coated visor and comfort faceseal
XA007707475	M-307	Versaflo Helmet with coated visor and flame rersistant faceseal
70071564218	M-316	Airflow Deflector - 1 per case
70071564226	M-350	Head Suspension - 1 per case
UU003029749	M-354	Forehead Sea - 1 per case

Ready to use PAPR Kits with M-300 Headtop

3M Order Code	Model #	Description
AT010587767	902-03-82	Jupiter™ PAPR Kit c/w M-306C Helmet Comfort F/ Seal c/w Charger, JTM306C
AT010589631	902-03-94	Jupiter™ PAPR Kit c/wM-307C Helmet FlameRes. F/seal c/w Charger,JTM307C
AT010590530	TRM-306C	TR-300+ PAPR Kit c/w withM-306C Helmet Comfort F/seal c/w Charger
AT010590548	TRM-307C	TR-300+ PAPR Kit c/w withM-307 Helmet Flame Res.F/seal) c/w Charger
AT010620147	TR6M-307	TR-600 PAPR Kit c/wM-307C Helmet Flame Res.F/Seal c/w Charger

Versaflo™ M-400 Series High Impact Helmet with Neck Protector

The Versaflo M-400 Series High Impact Helmet provides integrated protection from specific respiratory, head, eye and face hazards with neck and shoulder protection. Two options for different applications:

- M-406 features general purpose faceseal for dusts, spraying and chemical processing.
- M-407 features a flame resistant faceseal and neck shroud for applications where hot particles may be present.
- Compatible with TR-300, TR-600, TR-800, Jupiter units & supplied air regulators V 500

3M Order Code	Model #	Description
XA007707483	M-406	Versaflo Helmet with high durability neck and shoulder shroud
XA007707491	M-407	Versaflo Helmet with flame resistant neck and shoulder shroud
UU003029475	M-441	Jaw Gasket - 1 per case
UU008294819	M-444	Inner Collar - 1 per case
UU008294108	M-447	Flame Resistant Outer Shroud - 1 per case
UU008294827	M-448	High Durability Outer Shroud - 1 per case

Ready to use PAPR Kits with M-400 Headtop

3M Order Code	Model #	Description
AT010587775	902-03-83	Jupiter™ PAPR Kit c/w M-406C Helmet with Hi-Dura Shroud c/w Charger, JTM406C
AT010589649	902-03-95	Jupiter™ PAPR Kit c/w M-407C Helmet Flame Res. Shroud c/w Charger, JTM407C
AT010590555	TRM-406C	TR-300+ PAPR Kit c/w M-406C Hi-Dura Shroud c/w Charger
AT010590563	TRM-407C	TR-300+ PAPR Kit c/w M-407C Helmet Flame Res. Shroud) c/w Charger
AT010620154	TR6M-407	TR-600 PAPR Kit c/w M-407C Helmet Flame Res.Shroud c/w Charger

Versaflo™ S-Series
Hoods & Headcovers

Compatible with TR-300, TR-600, TR-800, Jupiter units & supplied air regulators V 500

3M Order Code	Model #	Description
52000045782	S-133S	Head Cover (Small) with integrated head harness
52000045824	S-133L	Head Cover (Large) with integrated head harness
52000045865	S333SG	Low lint Head Cover (Small/Grey) with integrated head harness - 1 per box
52000045881	S333LG	Low lint Head Cover (Large/Grey) with integrated head harness - 1 per box
52000045907	S-433S	Hood (Small) with integrated head harness - 1 per box
52000045923	S-433L	Hood (Large) with integrated head harness - 1 per box
52000045949	S-533S	Low Lint Hood (Small) with integrated head harness - 1 per box
52000045964	S-533L	Low Lint Hood (Large) with integrated head harness - 1 per box
UU003722327	S-655	Hood with replaceable head suspension - 1 per box
UU003722335	S-657	Double Shroud Hood with replaceable head suspension - 1 per box
UU003719109	S-757	Double Laminate Hood with replaceable head suspension - 1 per box
70071533338	S-855	Sealed seam hood with replaceable head harness - 1 per box

Ready to use PAPR Kits with S-Series Headtop

3M Order Code	Model #	Description
AT010583410	902-03-35	Jupiter™ PAPR Kit c/w S-655C Hood with charger JTS655C
AT010583428	902-03-36	Jupiter™ PAPR Kit c/w S-533C Hood with charger JTS533LC
AT010583923	902-03-37	Jupiter™ PAPR Kit c/w S-133C Hood with charger JTS133LC
AT010591447	TRS-133C	TR-300+ PAPR Kit c/w S-133 Headcover c/w Charger
AT010591454	TRS-333C	TR-300+ PAPR Kit c/w S-333 Headcover c/w Charger
AT010591462	TRS-433C	TR-300+ PAPR Kit c/w S-433 Integrated HeadHarness Hood c/w Charger
AT010591470	TRS-533C	TR-300+ PAPR Kit c/w S-533 Integrated Head Harness Hood c/w Charger
AT010591488	TRS-655C	TR-300+ PAPR Kit c/w S-655 Reusable HeadHarness Hood c/w Charger
AT010591496	TRS-657C	TR-300+ PAPR Kit c/w S-657 Reusable Head Harness Hood c/w Charger

Powerflow™ Powered Air Purifying Respirator

Powerflow includes 6000 DIN series full face mask, high impact lens, waterproof motor, PAPR-P3 particulate filter, battery and user instructions.

3M Order Code	Model #	Description
AT019184095	902-02-12	Powerflow™ 6800 Plus Full Face Respirator Kit

Filters

3M Order Code	Model #	Description
CR180790857	450-00-02P	Powerflow™ Particulate Filter, P3

6800DIN Full Face Piece (No. 7 Headtop)

The No. 7 Headtop is based on the 6800 standard full face piece, fitted with a DIN adapter to allow a hose connection. This new full face piece provides high levels of protection for powered air system users.

3M Order Code	Model #	Description
AT010561333	6800DIN	Medium Face Piece
AT010601667	6900DIN	Large Face Piece (1)

3M™ Scott Proflow SC160 PAPR

- Proflow SC160 comes with blower unit, battery, recharger, hose with DIN thread and PVC belt
- Lightweight and compact
- Continuous visible monitor of battery status and filter blockage
- Audible alarm for low battery and filter clogging
- Typical 6-7 hours use for a single charge
- NiMH high power battery with fast recharge
- Shower-proof construction enhances decontamination
- Low through life running costs

3M Order Code	Model #	Description
XP100544624	064580	Proflow Sc 160 Green Power Pack

Proflow SC160 Ratings

Open Headtop	PAPR Rating	
FH6 Helmet with PC visor	PAPR P2	PAPR B1E1K1P2
Face Masks		
FM2 Sari Full Face Mask	PAPR P3	PAPR B1E1K1P3
FM3 Promask Full Face Mask	PAPR P3	PAPR B1E1K1P3
FM4 Vision Full Face Mask	PAPR P3	PAPR B1E1K1P3

3M™ Scott Pro2000 Filters for Proflow Powered Air Purifying (PAPR) Units

- This selection of Scott Pro2000 filters are suitable for use with the Proflow SC PAPR
- Dependant on the headtop selection the ratings on the filters below may change
- The particulate rating on the filters may vary between P1 and P3
- Scott Pro2000 filter canisters have a DIN 40 mm thread connection

042799

052670

Filter Type	Colour	Main area of application
P	White	Particles: Dusts, mists, fumes, fibres, toxic particles & microorganisms (bacteria, fungi, viruses, enzymes)
A	Brown	Organic gases and vapours with boiling point >65°C. eg. Acid gases, Toluene, Xylene, MEK, Benzene, Alcohols
B	Grey	Gases. eg. Chlorine, hydrogen, sulphide
E	Yellow	Sulphur dioxide
K	Green	Ammonia and organic ammonia derivatives
Hg-P	Red-White	Mercury (vapour) and mercury compounds

3M Order Code	Model #	Description
XP100544418	052670	Pro2000 PF 10 P3
XP100544343	042799	Pro2000 CF 32 B1E1K1P3

3M™ Scott Proflow SC160 PAPR Ready-Pak

- Ready-Pak comes with Proflow SC160 blower unit, battery, charger, EPDM hose, PVC belt, PAPR Respirator, two Pro2000 PF10 particulate filters and two storage solutions; stackable tub or carry case
- Ready-Paks available with Promask FF, Vision FF (side mounted filter connection), Sari FF Respirator and also FH61ADF Welding Helmet with Visor

XP100544731

XP100231594

AT010660192

3M Order Code	Model #	Description
XP100544731	5064594	Promask Proflow SC 160 Ready-Pak
AT010660234	5064594CASE	Readypak Proflow SC 160 Case
AT010660192	5064594SARI	Readypak Proflow SC 160 W Sari (Tub)
XP100231594	5564593	PAPR Proflow SC 160 Readypak

Proflow SC160 Asbestos Hoses

3M Order Code	Model #	Description
XP100140654	2026236	Self adjusting PU hose for FH6, FH62, FH63, FH65
XP100140621	2026229	Fixed length PU hose for FH6, FH62, FH63, FH65
XP100221306	5064458	EPDM Rubber hose for FH6, FH62, FH63, FH65
XP100544541	063799	EPDM hose (angle & DIN) 80cm for use with FM2, FM3, FM4 (comes standard with Proflow SC160)

Promask Full Face Mask (FM3) Respirator

- Choice of halo-butyl elastomer and silicone face piece material
- Unique speech diaphragm that for clearer speech transmission
- Easy disinfection, decontamination and maintenance
- Wide sealing edge provide superior fit
- T-bar 5 point head harness for increased wearer comfort and fit
- Sweat port in chin pocket providing added comfort during extended wear times
- Quick release headband
- Slim-line design allows easy integration with helmets and earmuffs
- Wide sealing edge provide superior fit
- Available in two sizes
- Choice of PU fixed length or EPDM hose (purchased separately)
- Certified to AS/NZS 1716:2012 PAPR P3 with Proflow SC160 & T-Power

3M Order Code	Model #	Description
XP100544079	012681	Promask (FM3) PAPR full face mask (M/L), no hose (PAPR P3)
XP100547205	012670	Promask (FM3) PAPR full face mask (S), no hose (PAPR P3)
XP100547320	012882	Promask Silicone (FM3) PAPR full face mask (M/L), no hose (PAPR P3)

Sari Full Face Mask (FM2) Respirator

- Wide sealing edge for comfort and excellent fit
- Natural rubber front-port face mask, also available in Silicone material
- Comfortable to wear even for long periods
- Adjustable five-point rubber head harness
- Large distortion-free visor
- Available in 2 lens type; polycarbonate and triplex
- Speech diaphragm affords clear communication
- Choice of PU fixed length or EPDM hose (purchased separately)
- Certified to AS/NZS 1716:2012 PAPR P3 with Proflow SC160

Vision Full Face Mask (FM4) Respirator

- Non dermatitic silicone construction minimises risk of skin irritation
- Reverted edge face seal ensuring good fit and increased safety
- Provides impact protection, allowing use in environments where both respiratory and face protection is required
- High efficiency speech diaphragm allows wearer to communicate clearly
- Available in two sizes
- Choice of PU fixed length or EPDM hose (purchased separately)
- Certified to AS/NZS 1716:2012 PAPR P3 with Proflow SC160 & T-Power

3M Order Code	Model #	Description
XP100547114	011680	Sari Natural Rubber
XP100544038	011685	Sari Silicone
XP100215746	019805	Sari Triplex Visor

3M Order Code	Model #	Description
XP100544962	RFF4000	Vision Silicone (FM4) PAPR Side mounted full face mask (M/L), no hose (PAPR P3)
XP100550118	RFF4000S	Vision Silicone (FM4) PAPR Side mounted full face mask (S), no hose (PAPR P3)

3M™ T-Power Particulate only Powered Air Turbo Unit

- T-Power comes with blower unit, flow meter and belt.
- Lightweight, low-profile compact PAPR
- Continuous visible monitor of battery status and filter blockage
- Audible alarm for low battery and filter clogging
- Typical 6-8 hours use for a single charge
- NiMH high power battery with fast recharge
- Low through life running costs

3M Order Code	Model #	Description
AT010700618	2031568	T-Power Turbo unit, belt, flow test
AT010664376	TPOWERANZ	T-Power PAPR Incl Blower Battery Charger

T-Power Hoses

3M Order Code	Model #	Description
XP100231560	5564453	EPDM Rubber hose for use with FH1, FH2, FH21, FH51
XP100140647	2026235	Self-adjusting PU hose for use with FH1, FH2, FH21, FH51
XP100140605	2026226	Fixed length PU for use with FH1, FH2, FH21, FH51
XP100140639	2026231	Fixed length PU for use with FM2, FM3, FM4
XP100231578	5564454	EPDM Rubber hose for use with FM2, FM3, FM4

T-Power Ratings

New Open Headtop	PAPR Rating
FH1 Half-hood	PAPR P3
FH2 Full-hood	PAPR P3
FH21 Anti-Static Full Hood	PAPR P3
FH51 Helmet and Hood	PAPR P2
Face Masks	
FM3 Promask Full Face Mask	PAPR P3
FM4 Vision Full Face Mask	PAPR P3

3M™ Scott T-Power PAPR Ready-Pak

- T-Power complete kit comes with motor blower, belt, rechargeable battery, charger, hose and a choice of PAPR Headtops
- Smart charger ensures continuous battery service
- Filter blockage and low battery status alarm

AT010667205

AT010669045

3M Order Code	Model #	Description
AT010667205	FH1TPOWER	Readypak T-Power FH1 in storage solution
AT010669045	FH2TPOWER	Readypak T-Power FH2 in storage solution

3M™ T-Power PAPR Filters

- This selection of Scott filters are suitable for use with the T-Power PAPR system
- Protection against particulate and dust.

PF251

3M Order Code	Model #	Description
AT010700220	PF251	Pro2000 Particulate PAPR P3 Filter
AT010704008	PF251/SUPER	Filter Extra Capacity P3 PAPR
XP100544426	052691	Pre-Filter For Pro2 Filters 20 Pk1
XP100544434	052692	Pre-Filter Kit For Pro2000 Filters

Headtop selection guide

Industry	FH1	FH2	FH21	FH51	FH6	FM2	FM3	FM4
Laboratories	■	■	■			■	■	■
Textiles	■	■	■			■	■	■
GRP Manufacture	■	■	■	■	■	■	■	■
Food Processing	■	■			■	■	■	
Flour Mills and Silos	■	■			■	■	■	■
Agriculture	■	■		■	■	■	■	■
Wineries/Market Gardens	■	■		■	■	■	■	■
Pest Control	■	■	■	■	■	■	■	■
Animal Allergies	■	■	■	■	■	■	■	■
DIY	■	■			■			
Pharmaceutical	■	■	■			■	■	■
Foundries						■	■	
Lead Processing					■	■	■	■
Aluminium Works				■	■			■
Steel Industry					■	■	■	
Shipyards				■	■	■	■	
Welding					■			
Tunnelling/Quarrying					■	■	■	
Mining					■	■	■	
Demolition & Maintenance				■	■	■	■	
Building & Construction				■	■	■	■	
Purification & Sewage		■	■	■	■	■	■	■
Waste Disposal	■	■	■	■	■	■	■	■
Chemical Plants	■		■	■	■	■	■	■
Petrochemical			■	■	■	■	■	■
Nuclear			■	■	■	■	■	■
Electronic/PCB Manufacture	■	■	■	■		■	■	■
Paint Spraying						■	■	■

Powered Air Purifying Respirators

Flowhood 6 (FH6) PAPR Headtop

- Balanced design which is comfortable to wear
- Integrated helmet and visor with optional ear defenders with bayonet adapter
- Choice of visor materials, coatings and shades
- Safety helmet and rail-mounted retractable visor with flexible chin seal
- Good airflow distribution to minimise wind in the eyes discomfort
- Designed for use with helmet mounted hearing protection
- Wide face seal ensures good face protection
- Easily adjustable ratchet headgear
- High quality ABS helmet with a heat-resistant polyamide shell
- Complete with hose to suit Proflow SC160 (Green) PAPR
- Certified to AS/NZS 1716:2012 PAPR P2 with Proflow SC 160

3M Order Code	Model #	Description
AT010714635	2023068WH	Flowhood 6 (FH6) helmet with polycarbonate visor and fixed length EPDM hose (PAPR P2)
XP100136389	2023068	FH6 Helmet with PC Visor (NEW)
XP100136678	2023128	Flowhood 65 (FH65) (helmet/shade 5 visor), no hose (PAPR P2)

Flowhood 1 (FH1) PAPR Headtop

- Soft half hood covering the face and the top of the head
- Unique Neoprene Face seal delivers high level protection without compromising comfort
- Made from lightweight and durable Polyurethane coated nylon fabric
- Large flexible PETG visor (0.75mm thick) with excellent field of view
- One size to fit many
- Provides air flow to head and face
- Wire reinforced polyurethane hose included
- For applications where impact protection is not required
- Complete with hose to suit PAPR
- Certified to AS/NZS 1716:2012 PAPR P3 with T-Power

3M Order Code	Model #	Description
AT010715517	2022948WH	Flowhood 1 (FH1) half hood complete with fixed length PU hose (PAPR P3)
XP100136264	2022948	Flowhood FH1 half hood (New) without hose

Flowhood 2 (FH2) PAPR Headtop

- Soft full hood covering the head and the top of the shoulders
- Unique Neoprene Face seal delivers high level protection without compromising comfort
- Incorporates a drawstring neck seal
- Made from lightweight and durable Polyurethane coated nylon fabric
- Large flexible PETG visor (0.75mm thick) with excellent field of view
- Provides air flow to head and face
- One size to fit many
- Wire reinforced polyurethane hose included
- For applications where impact protection is not required
- Suitable for wearers with beards or spectacles
- Complete with hose to suit PAPR
- Certified to AS/NZS 1716:2012 PAPR P3 with T-Power

3M Order Code	Model #	Description
AT010715525	2022949WH	Flowhood 2 (FH2) full hood complete with fixed length PU hose (PAPR P3)
XP100136272	2022949	Flowhood FH2 full hood (New) without hose

Flowhood 21 (FH21) PAPR Headtop

- Soft anti-static full hood covering the head and the top of the shoulders
- Unique Neoprene Face seal delivers high level protection without compromising comfort
- Incorporates a drawstring neck seal
- Made from lightweight and durable Polyurethane coated nylon fabric
- Large flexible PETG visor (0.75mm thick) with excellent field of view
- Provides air flow to head and face
- One size to fit many
- Wire reinforced polyurethane hose included
- For applications where impact protection is not required
- Suitable for wearers with beards or spectacles
- Complete with hose to suit PAPR
- Certified to AS/NZS 1716:2012 PAPR P3 with T-Power

3M Order Code	Model #	Description
AT010717877	2023098WH	Flowhood 21 (FH21) anti-static full hood complete with fixed length PU hose (PAPR P3)
XP100136488	2023098	Each flowhood 21AS full as hood (New) no hose

Flowhood 51 (FH51) PAPR Headtop

- Full hood with helmet and integral visor
- Approved, respirator, hard hat, and face protector all in one system.
- Chemically resistant full Hypalon material hood with taped seams
- Polycarbonate visor options
- Molten metal splash resistant
- Coverage for head and shoulders, integrates with protective clothing
- Certified to AS/NZS 1716:2012 PAPR P2 with T-Power

3M Order Code	Model #	Description
XP100136587	2023116	Flowhood 51 (FH51) polycarbonate helmet & hood without hose
XP100231560	5564453	EPDM Rubber hose for use with FH1, FH2, FH21, FH5, FH51
XP100140647	2026235	Self-adjusting PU hose for use with FH1, FH2, FH21, FH51
XP100140605	2026226	Fixed length PU for use with FH1, FH2, FH21, FH51

Powered Air Purifying Respirators

Airstream™ Coal Mining Helmet, AH6TM

AH6TM includes white Airstream helmet with reflective Stripes, tilting lamp bracket, anti scratch visor and surround, intrinsically safe motor, filter expander, P2 particulate filter and prefilter, white Spunbonded Olefin head/face seal, storage box and instructions.

3M Order Code	Model #	Description
AT010575135	902-02-61	Airstream™ Coal Mining Helmet, AH6TM

Airstream™ Hard Rock Mining Helmet, AH6HRM

AH6HRM includes white Airstream helmet with reflective stripes, tilting lamp bracket, anti scratch visor and surround, high efficiency motor, filter expander, PAPR-P2 particulate filter and prefilter, grey lothian head/face seal, storage box and instructions.

3M Order Code	Model #	Description
AT010586066	902-02-64	AH6HRM Airstream™ Hardrock Mining Helmet

Airstream™ Industrial Helmet, AH12

AH12 includes white Airstream helmet with reflective stripes, molten metal visor and surround, high efficiency motor, filter, expander, pre-filter, grey lothian head/face seal, battery, storage box and instructions. Main filter and charger NOT included.

3M Order Code	Model #	Description
AT010577719	902-02-93	AH12 Airstream™ with Std Battery

Airstream™ Filters

3M Order Code	Model #	Description
52000044256	060-23-04P	Main Filter - PAPR P2 H/D - 10 per pack
52000044264	060-23-06P	Main Filter - PAPR P2 - 10 per pack
52000044272	060-23-11P	Main Filter - PAPR GP2 - 5 per pack
AT019202756	060-23-20P	Filter - PAPR P2 HF SO2 H/D - 5 per pack
AT019184344	060-22-00P	Pre-Filter - 10 per bag

Airline & Escape

Ideal for environments where ambient oxygen cannot be guaranteed, airline breathing apparatus combines the highest degree of respiratory protection with long duration use.

Air Supplied Respirators

There are commonly three types of air-supplied breathing apparatus which are each suited to different tasks;

- Airline breathing apparatus
- Escape breathing apparatus
- Self Contained Breathing Apparatus (SCBA)

Airline breathing apparatus are available as either constant flow airline or positive pressure demand airline system.

Constant flow airline apparatus is typically a combination of an airline face mask with a short air hose and also a filter. The short air hose connects to a control valve on a waist belt. The filter is used when entering and exiting the contaminated job. When a worker enters the contaminated work site they would plug the control valve on their waist belt to an air hose, which is connected to either an airline trolley with cylinders or other air supply.

Positive pressure airline apparatus includes a positive pressure full face mask and pneumatics with demand valve and a short hose on a bandolier style harness (optional hip mounted

escape cylinder is available). The pneumatics connects to the breathing air hose, which is connected to either an airline trolley with cylinders or other air supply. Positive pressure airline systems are particularly suited to confined space entry and are popular in the oil and gas industry for maintenance when entering into tanks and pipework.

Air cylinder trolley's are available with up to 4 cylinders supplying air for up to 4 employees. This system can offer infinite working duration as one cylinder can be changed whilst taking air from another cylinder.

Escape Breathing Apparatus also known as Emergency Life Support Apparatus are designed only for escape from hazardous conditions as they normally only include very short-duration compact air cylinders.

Scott offer the ELSA (Emergency Life Support Apparatus) with 10 or 15 minute duration cylinders. These products should **NOT** be used for normal working activities, entry to hazardous areas or rescue work.

Constant Flow Airline range

Compressed Air Source	Compressed Air Filtration	Airline Hose	Control Units	Airline Head tops
•Industrial Compressor •Portable Compressor	•Breathing air filters •2 man or 4 man •High efficiency filtration	•PVC hose / CEN coupling •Anti-static hose •Different lengths	•Pressure regulator •Waist belt mounted	•Loose fitting headtops •Tight fitting headtops

This range is designed to operate from an industrial compressed air system but other air sources like an airline trolley or cylinders are also suitable. Air is delivered to a facepiece via a breathing hose. Air flow is controlled by a belt mounted regulator or from the filtering unit depending on the facepiece. The flow rate is easily checked by using the flowmeter. A compressed air supply hose connects the wearer to a source of compressed air.

3M™ Scott ELSA®
Escape Breathing Set

The 3M™ Scott ELSA constant flow breathing apparatus is an escape breathing apparatus which provides a constant supply of air for rapid escape from hazardous industrial and marine environments. The ELSA is simple and quick to operate, reliable and robust in use, ensuring maximum protection in an escape situation. The ELSA supplies 15 minutes of air. The ELSA apparatus consists of a cylinder with combined cylinder valve and reducer, supply hose to constant flow hood and storage bag. The ELSA is activated upon opening the bag whereby a pin which is attached to the bag via a strap is released.

Features and Benefits:

- ELSA Escape Breathing Set with 15 minute air cylinder
- Adjustable shoulder strap for carrying convenience
- Automatic activation upon opening the carry bag - delivers constant flow of air
- Integrated warning whistle on low air condition
- Easily rechargeable and reusable
- Cubic hood design allows wearing by users with beards or eye glasses

3M Order Code	Model #	Description
AT010699992	2009419	ELSA 15 Minute Escape Set With Cylinder

3M™ Scott Promask Combi

- Constant flow compressed airline system
- The system needs to include Control Valve P/N 062580 airline respirator
- Right side adaptor for connection to an airline hose
- When entering and leaving a contaminated area the airline connector can be detached from the full face respirator
- Left side connector can be fitted with a suitable Pro2000 filter (40mm thread)
- Made from specially engineered halo-butyl elastomeric compound offering high resistance to chemicals
- Wide t-bar sealing edge, transparent TPE inner mask, polycarbonate visor and fully adjustable 5-point natural rubber (nr) head harness with quick-release plastic buckles

012790

012698

012797

012796

012781

Promask Combi

3M Order Code	Model #	Description
XP100544152	012781	Promask Combi M/L
XP100214319	5012674	Prosmask Combi S

Accessories

3M Order Code	Model #	Description
XP100544160	012790	Prescription Spectacle Frame
XP100544145	012698	Visor Overlays (Set Of 10)
XP100544004	010185	Polyethylene Storage Case
AT010655788	MASKBAGL	Canvas Bag for half and full face mask
XP100544194	012796	Clip-In Welding Shield With Shade 10 Lens
XP100550605	063287	Welding Shield 10DIN 60X110mm
XP100547676	063261	Welding Shield 11DIN 60X110mm
XP100547684	063262	Welding Shield 12DIN 60X110mm
XP100550597	063263	Welding Shield 13DIN 60X110mm
XP100547700	063298	Auto Darkening Welding Visor 10 11DIN
AT010645490	012797	Welding Balaclava Suit Promask
AT010674938	063288CL	Clear Cover Lens PC Promask Weld Shield
XP100544467	062580	Personal Regulator (Flow Control Valve)
XP100548534	2008439	10 Metre Black Rubber Hose
XP100069333	1051526	High Pressure Reducer Whistle PIN
XP100069341	1051528	High Pressure Reducer DIN 300 Bar
AT010700477	RXMCT	Airline Fitting Female With Male Thread
XP100100336	2003397	Y piece with CEN couplings
XP100060530	1023353	Inline whistle with CEN couplings

3M™ Scott Breathing Air Filters

- Designed to be installed directly at the point of use, breathing air filters combine two types of filteration into one housing
- Liquid aerosols and solid particulates are removed using a pleated filter
- Oil vapours are removed by an activated carbon filter
- Each breathing filter ensures low pressure loss
- Filter regulator available to suit 2 man or 4 man capacity

3M Order Code	Model #	Description
AT010652835	BA21BOPT	Airline Filter Regulator - 2 man
AT010652843	BA41BOPT	Airline Filter Regulator - 4 man
AT010655424	KA009AA	Replacement lower filter for BA21BOPT (purchased prior Jun07)
AT010655416	KA006AC	Replacement upper filter for BA21BOPT (purchased prior Jun07)
AT010655432	KA010AA	Replacement lower filter for BA21BOPT (purchased after Jun07)
AT010655440	KA010AC	Replacement upper filter for BA21BOPT (purchased after Jun07)

3M™ Scott Airline Regulator

- A waist-mounted control valve for use with a medium pressure compressed airline system
- Rotational control to adjust airflow for comfort to the respirator or headtop
- Used in conjunction with the Scott Promask Combi FF respirator

3M Order Code	Model #	Description
XP100547643	062786	Replacement Belt for airline control valve
XP100544467	062580	Control valve c/w belt for use with Promask Combi only

3M™ Scott Modulair Airline Trolley

- Compact, easy to use airline trolley system
- Capacity to hold 2 cylinders for 2 man operation or to hold 4 cylinders for 4 man operation
- Suitable for ships, councils, sewage treatment, refineries, mining, confined space entry and extended duration use

3M Order Code	Model #	Description
XP100069671	1051844	Modulair Trolley With Hose Reel 2P 2Cyl
XP100069812	1051880	Modulair Trolley With Hose Reel 4P 4Cyl
XP100069861	1051945	Modulair 2 Person 2 Cylinder
XP100069846	1051902	Modulair Hose Reel Only
AT010700113	1118245T	Cylinder 6.8L 300 Bar Carbon c/w T valve
AT010700121	1127413T	Cylinder 9L 300 Bar Carbon c/w T valve
XP100069143	1051467	20 Mtr Black PVC Hose With CEN Couplings

3M™ Scott RAS Asbestos Positive Pressure Airline Breathing Apparatus

- Easy to don bandolier with wipe clean harness
- Can be used with Promask RAS and Vision 3 RAS range of positive pressure masks
- Facemask fitted filter for site entry and egress
- In-line particulate filter

XP100138815

3M Order Code	Model #	Description
XP100138815	2024492	RAS Asbestos Airline Kit Vision 3 P3 Filter
XP100095239	2001746	Vision 3 LQF RAS M/L DIN Full Face Mask
XP100138930	2025005	RAS Asbestos Spare Harness Only
XP100215068	5013166	Promask PP LQF RAS M/L DIN Full Face Mask HC STD
XP100137379	2023447	RAS Asbestos (Less facemask)
XP100138930	2025005	Spare harness

3M™ Scott Flite Airline Breathing Apparatus

- Easy to don bandolier harness with padded shoulder strap
- Optional 10 minute air supply for emergency escape
- Can be used with Scott range of positive pressure masks (sold separately)
- Escape from hazard situations, must be worn in IDLH

3M Order Code	Model #	Description
XP100069002	1047792	Flite Airline Breathing Apparatus
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010699976	2006648	Flite Cylinder 2L 200 Bar Steel Cylinder

3M™ Scott Flite COV Airline Breathing Apparatus

- Easy to don bandolier harness with padded shoulder strap
- Optional 10 or 15 minute air supply for emergency escape from hazard situations, must be worn in IDLH
- Can be used with Scott range of positive pressure masks (sold separately
- If primary air supply source is interrupted a switchover to emergency cylinder air supply is immediately activated by the automatic change over valve to facilitate safe egress
- Warning whistle informs user switch has been made to cylinder air

3M Order Code	Model #	Description
XP100148376	2030177	Flite COV Airline Breathing Apparatus DV CEN
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100148707	2031535	200 bar 10 min steel cyl c/w pouch and reducer/hose Full
XP100148723	2031537	200 bar 15 min steel cyl c/w pouch and reducer/hose Full
XP100148749	2031539	300 bar 10 min carbon cyl c/w pouch hose Full
XP100148822	2031603	Spare cylinder pouch CYL-FLITE-10
XP100148830	2031604	Spare cylinder pouch CYL-FLITE-15
XP100148848	2031605	Spare cylinder pouch CYL-FLITE-SL
XP100116761	2010722	Flite fast fill adaptor
XP100067089	084.059.01	Breathing apparatus log book Ind
XP100067428	089.386.00	Testkit and toolkit
XP100101664	018.008.99	Charge adaptor handwheel liner 207 Bar
XP100058286	010.125.00	Flite storage/carrying case

3M™ Scott Airline Hoses

- Made from durable PVC
- Anti-static hoses available on request
- CEN double action couplings

3M Order Code	Model #	Description
XP100069127	1051463	10 Mtr Black PVC Hose With CEN Couplings
XP100069143	1051467	20 Mtr Black PVC Hose With CEN Couplings
XP100069168	1051471	30 Mtr Black PVC Hose With CEN Couplings
XP100069200	1051477	50 Mtr Black PVC Hose With CEN Couplings
XP100100336	2003397	Y Piece With CEN Couplings
XP100060530	1023353	Inline Whistle With CEN Couplings
XP100069333	1051526	High Pressure Reducer Whistle PIN
XP100069341	1051528	High Pressure Reducer DIN 300 Bar
AT010700477	RXMCT	Airline Fitting Female With Male Thread
XP100069234	1051482	10m Hose Airline Antistatic With Stripe
XP100069259	1051486	20m Hose Airline Antistatic With Stripe
XP100069267	1051488	30m Hose Airline Antistatic With Stripe
XP100069283	1051493	50m Hose Airline Antistatic With Stripe

3M™ Scott CEN-PAQ Short Duration SCBA

- Proven, effective pneumatic system with first breath activation
- Designed to fit a wide range of body sizes
- Hook and loop fastening waistcoat
- Hi Vis PVC material or anti-static material options available
- 30 minute duration
- Used with Scott Promask PP or Vision 3 Full Face Respirators
- Mask and Cylinders purchased separately

3M Order Code	Model #	Description
XP100068012	1044960	Cen-Paq Hi Vis Orange Vest 30 Min
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010699968	2006638	Cylinder 4.7L 300 Bar Carbon 30 Min
AT010709007	2006634	Cylinder 3L 300 Bar Steel

Self Contained Breathing Apparatus

SCBA can be configured in a number of different ways with various size & capacity cylinders, facepieces and back plates. Our SCBA's are ergonomically designed for comfort and mobility, combined with the highest standards of performance and safety.

Self Contained Breathing Apparatus (SCBA)

An SCBA is similar to SCUBA sets, but are not designed for use in water. Like Scuba, they consist of a carrying harness, pneumatic hoses, remaining air-time gauge, cylinder retaining back-plate and a facemask. There are versions available with various levels of harness adjustment and padding. Premium level SCBA's are also available with height adjustability to better suit people of different heights.

Part of the SCBA family are jacket-style SCBA sets that are quick and easy to don (put on), being designed as a quick snatch-rescue set, ideal for use in correctional services or the oil and gas industry.

Air-supplied respiratory systems require the use of a Positive Pressure full-face mask. Masks are available in different materials, shapes and sizes to best suit individual wearers and the task at hand.

SCBA sets are offered with different types/sizes of cylinders for containing and carrying clean compressed breathing air. Nowadays the most common cylinders used are lightweight carbon composite cylinders. Steel cylinders are also available and are more durable, but also heavier than composite cylinders.

Common SCBA cylinder sizes:
- 6.8 Litre capacity at 300 Bar cylinder pressure, offering approximately 45 minutes air duration
- 9 Litre capacity at 300 Bar cylinder pressure, offering approximately 60 minutes air duration

3M™ Scott ProPak-fx T2 SCBA

The 3M™ Scott ProPak-Fx is a Type 2 open circuit, self-contained, compressed air breathing apparatus. It consists of a back plate, padded carrying harness and pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve.

The ProPak-Fx can be configured in a number of different ways with various size single cylinders. There are also a range of variants available including Airline (AC), Split Demand Valve Coupling (SDC or Y2C), Quick Connect Option or Duo variants. The ProPak-Fx is used in conjunction with either Promask PP or Vision 3 PP face mask and a choice of composite or steel cylinders.

Specifically designed as a professional fire fighting SCBA, the ProPak-Fx is also suitable for providing respiratory protection in any IDLH environment.

ProPak-Fx also offers a Pivot and height adjustable waist belt for increased wearer comfort to suit most people.

Features and Benefits:

- Designed for use by the Fire Service
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Adjustable padded shoulder straps
- Kevlar & Pyrogard blend wrap around harness
- Side arms for increased user comfort
- Reflective webbing
- Pivot and height adjustable waist belt for increased wearer comfort
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED

3M Order Code	Model #	Description
XP100142312	2027195	SCBA Propak-Fx
XP100142338	2027197	SCBA Propak-Fx-SDC T2
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case

Self Contained Breathing Apparatus

3M™ Scott Sigma 2 T2 SCBA

- Designed for marine, industrial, confined space entry, rescue or industrial firefighting
- Proven high performance pneumatic system
- Compact first breath activated demand valve with bypass
- Ergonomically designed lightweight backplate and type 2 harness
- Kevlar blend flame retardant webbing with Kevlar cylinder band
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED

3M Order Code	Model #	Description
XP100136348	2023034	SCBA Sigma 2 T2 Compliance set
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700113	1118245T	Cylinders 6.8L 300 Bar Carbon Fibre T valve
AT010700121	1127413T	Cylinders 9L 300 Bar Carbon Fibre T valve
AT010645821	2014810	SCBA Moulded Carry Case

3M™ Scott ProPak Sigma T2 SCBA

- Designed specifically for use as a compliance set in Marine or Industrial fire fighting environments
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED

3M Order Code	Model #	Description
XP100141959	2027150	SCBA Promask Sigma T2
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case

3M™ Scott ProPak-i T2 SCBA

- Designed for use by the fire service or the oil & gas market and industrial, confined space industry.
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Kevlar blend wrap around harness
- Side arms for increased user comfort
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED

3M Order Code	Model #	Description
XP100142049	2027166	SCBA Propak-I T2 Industrial
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case

3M™ Scott ProPak-f T2 SCBA

- Designed for use by the Fire Service or the Oil & Gas market
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Adjustable padded shoulder straps
- Kevlar & Pyrogard blend wrap around harness
- Side arms for increased user comfort
- Reflective webbing
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2 MED

3M Order Code	Model #	Description
XP100142189	2027182	SCBA Propak-F T2
XP100142205	2027184	SCBA Propak-F-SDC T2
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case

3M™ Scott ProPak-f-Ez-Flo T2 SCBA

- Designed for use by the Fire Service or the Oil & Gas market
- Certified with AV3000HT PP Full Face mask or Scott Sight TIM (Thermal Imaging in Mask) with Ez-Flo Demand Valve
- Rigid backframe construction
- Easily removable pneumatics
- Cost effective to service and maintain
- Adjustable padded shoulder straps
- Kevlar & Pyrogard blend wrap around harness
- Side arms for increased user comfort
- Reflective webbing
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2

*see mask section for other sizes and comms masks)

3M Order Code	Model #	Description
XP100149531	2031958	PROPAK-F-EZ-Flo (V2)
XP100149556	2031961	PROPAK-F-EZ-Flo-SDC Split Demand Valve Coupling CEN
XP100293917	8005243	AV3000HT Medium Face Mask
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar carbon fibre RAV (Right angle valve)
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV (Right angle valve)
AT010645821	2014810	SCBA Moulded Carry Case
XP100293107	8004794	Ez-Flo With SDC Hose

3M™ Scott ProPak-fx-Ez-Flo T2 SCBA

- Designed for use by the Fire Service
- Certified with AV3000HT PP Full Face mask or Scott Sight TIM (Thermal Imaging in Mask) with Ez-Flo Demand Valve
- Rigid backframe construction with adjustable backplate
- Easily removable pneumatics
- Cost effective to service and maintain
- Adjustable padded shoulder straps
- Kevlar & Pyrogard blend wrap around harness
- Side arms for increased user comfort
- Reflective webbing
- Pivot and height adjustable waist belt for increased wearer comfort
- Certified to AS/NZS 1716:2012 and EN137:2006 Type 2

3M Order Code	Model #	Description
XP100149622	2031988	Propak-Fx-Ez-Flo
XP100149648	2031991	Propak-Fx-Ez-Flo-SDC W Split Demand Valve
XP100293917	8005243	AV3000HT M Face Mask
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon Fibre RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon Fibre RAV
AT010645821	2014810	SCBA Moulded Carry Case
XP100293107	8004794	Ez-Flo With SDC Hose

3M™ Scott Contour 100 SCBA

- Designed for use in various industrial applications
- Ergonomically designed, strong, lightweight, moulded back plate
- First breath demand valve
- Kevlar blend non-padded web harness
- Optional airline and fast fill decontamination attachments
- Mask & cylinders purchased separately
- Certified to AS/NZS 1716:2012 and EN137:1998 Type 1

3M Order Code	Model #	Description
XP100110095	2009236	CTR-100 DUO with Fast Fill
XP100111432	2009536	CTR-100 SINGLE + Fast Fill
XP100138989	2025187	CTR-100 + Fast Fill SCBA
XP100138997	2025188	CTR-130 + Fast Fill + RSM SCBA
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700113	1118245T	Cylinders 6.8L 300 Bar Carbon Fibre T valve
AT010700121	1127413T	Cylinders 9L 300 Bar Carbon Fibre T valve
AT010645821	2014810	SCBA Moulded Carry Case

3M™ Scott Contour 300 SCBA

- Designed for use in various industrial applications
- Ergonomically designed, strong, lightweight, moulded back plate
- 100% Kevlar padded webbing harness
- Flame retardant webbing with Kevlar cylinder band
- Optional airline and decontamination attachments
- Mask & cylinders purchased separately
- Certified to AS/NZS 1716:2012 and EN137:1998 Type 1

3M Order Code	Model #	Description
XP100128295	2017794	CTR-300-F-Y C/W Promask PP
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
AT010700105	1118245T	Cylinders 6.8L 300 Bar Carbon Fibre T valve
AT010660218	1127413T	Cylinders 9L 300 Bar Carbon Fibre T valve
AT010645821	2014810	SCBA Moulded Carry Case

3M™ Scott
SCBA Compliance Kit

The 3M™ Scott Compliance Kit has everything you need in one kit. It comes complete with a Sigma 2 Type 2 SCBA set, a Promask LQF positive pressure Full Face mask and a 6.8L, 300 Bar carbon-wrapped cylinder in a large carry bag. Suitable for general industry and for short duration confined space entry work and rescue, petrochemical, oil and gas applications.

Features and Benefits:

- Designed for marine, industrial, confined space entry, rescue or industrial firefighting
- Proven high performance pneumatic system
- Compact first breath activated demand valve with bypass
- Ergonomically designed lightweight backplate and type 2 harness
- Kevlar blend flame retardant webbing with Kevlar cylinder band

Kit includes:

- Sigma 2 Type 2 compliant SCBA harness and pneumatics
- Promask PP with left-quick-fit port to suit demand valve
- 6.8 litre, 300 bar carbon composite breathing air cylinder with T valve
- Heavy duty rip-stop nylon carry bag
- 300 Bar carbon-wrapped cylinder

3M Order Code	Model #	Description
AT010700485	SCBACOMP6T2	SCBA Marine Compliance Set

3M™ Scott
Promask PP LQF Full Face Mask

- Accommodates a wide range of facial shapes and sizes
- Positive pressure mask made from Halo Butyl rubber Procomp™ non-irritating material with reflex seal and TPE (Thermo Plastic Elastomer) oronasal inner mask
- The face piece visor features a single plane curvature to minimise reflection and is made of a scratch and impact resistant polycarbonate material with a flame-retardant coating that provides excellent panoramic vision
- Available with optional prescription lens insert for spectacle wearers
- Left side demand valve connection for unobstructed field of vision
- Front mounted speech diaphragm offers unimpeded speech transmission
- Certified to AS/NZS 1716:2012

3M Order Code	Model #	Description
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100547379	013192	Promask PP REQF LQF
XP100149945	2032231	Promask PP LQF HC EPIC 3 M L Rubber Head Harness
XP100548815	2032232	Promask PP LQF HC EPIC 3 Sml Rubber Head Harness
XP100215068	5013166	Promask PP LQF RAS Ml HC Std
XP100095122	2001703	Blank Plug REQF
XP100546108	012692	Rubber Head Harness (2)
XP100547270	012775	Webbing Head Harness Promask Suit M98

3M™ Scott
AV3000HT PP Full Face Mask

- High performance anti-fog lens for improved thermal performance
- Proven SureSeal reflex faceseal for excellent fit and comfort
- Designed to accept front fitting EZ-Flo demand valve
- Right or left EPIC 3 communications bracket for maximum versatility
- Speech diaphragm on both sides for improved voice transmission
- 5 Point Kevlar head harness with neck strap suitable for Fire & CBRN applications
- Thermal performance passes NFPA heat requirement of 15Kw/M2
- Available in 3 sizes
- Certified to AS/NZS 1716:2012, EN136 Class 3 with ProPak-f and ProPak-fx

3M Order Code	Model #	Description
XP100293909	8005242	AV3000HT S Face Mask
XP100293917	8005243	AV3000HT M Face Mask
XP100293925	8005244	AV3000HT L Face Mask
XP100293933	8005245	AV3000HT RECB Small Kevlar Face Mask
XP100293941	8005246	AV3000HT RECB Med Kevlar Face Mask
XP100293958	8005247	AV3000HT RECB Large Kevlar Face Mask
XP100293966	8005248	AV3000HT LECB Small Kevlar Face Mask
XP100293974	8005249	AV3000HT LECB Med Kevlar Face Mask
XP100293982	8005250	AV3000HT LECB Large Kevlar Face Mask

3M™ Scott
Vision 3 PP Full Face Mask

- Left Quick Fit demand valve connection
- Rubber and net head harness options
- Non-dermatitic liquid silicone outer mask
- Hemispherical visor provides excellent field of vision
- TPE inner mask
- Hard coated anti-scratch visor
- Excellent speech transmission
- Voice amplifier and radio comms available
- Variety of sizes for improved fit
- Certified to AS/NZS 1716:2012

3M Order Code	Model #	Description
XP100071271	1071671	Vision 3 LQF Facemask Std Harness
XP100095239	2001746	Vision 3 LEQF RAS RDIN M L Full Face Mask
XP100106671	2008699	Vision 3 LQF REQF Facemask
XP100149911	2032227	Vision PP LQF HC EPIC 3 M L Rubber Head Harness
XP100149929	2032228	Vision PP LQF HC EPIC 3 Sml Rubber Head Harness
XP100065943	1033400	Vision 3 NET Head Harness
XP100095122	2001703	Blank Plug REQF

3M™ Scott Sight Hands Free
Thermal In-Mask Imaging System

- Mask integrated lightweight thermal camera and display
- Hands free thermal vision system enables firefighter to work more efficiently and safely
- Enhanced situational awareness with improved hot zone accountability
- Powerful and lightweight at only 240 grams
- 160 × 120 pixel resolution at 9 frames per second display
- Adjustable display angle configurable to line-of-sight
- Minimum four-hour battery life – powered by 5 x regular AAA batteries
- Spot or ambient temperature settings (Fahrenheit or Celsius)
- User configurable screen options
- Electronics certified to ATEX/ IECX and IP 66/67
- Mask certified to AS/NZS 1716:2012
- Optional Left-Side comms bracket for EPIC 3 voice amp

3M Order Code	Model #	Description
XP100294055	8005263	Scott Sight S AV3000HT Small
XP100294063	8005264	Scott Sight AV3000HT Medium
XP100294071	8005265	Scott Sight L AV3000HT Large
XP100294089	8005266	Scott Sight S ECB AV3000HT LECB Small
XP100294097	8005267	Scott Sight M ECB AV3000HT LECB Medium
XP100294105	8005268	Scott Sight ECB AV3000HT Large

Self Contained Breathing Apparatus

3M™ EPIC Lapel Speaker Microphone

- Rugged Lapel Speaker Microphone (LSM) option for users without an OEM LSM
- Works well with EPIC 3 Voice Amplifier
- Provides clear communication
- Supports EPIC wired accessories
- Front microphone and speaker for Remote Speaker Mic operation
- Top mounted Emergency Notification button for use with select field radios
- Durable IP66/67 rated system for use in demanding high temperature environments
- 50 hours of battery life with Alkaline AAA batteries

3M Order Code	Model #	Description
XP100119757	201224-02	EPIC 3 Lapel SM Motorola HT1000, XTS Series Radios
XP100546314	201224-04	EPIC 3 Lapel SM Motorola HT750/1250/1550 Series Radios
XP100119765	201224-06	EPIC 3 Lapel SM Motorola MOTOTRBO XPR, APX Series Radios
XP100119773	201224-07	EPIC 3 Lapel SM Kenwood TK280/290/380/390 Series Radios
XP100119781	201224-22	EPIC 3 Lapel SM Harris P5400/7300, Unity, XG Series Radios

3M™ Scott EPIC 3 Bluetooth® Lapel Speaker Microphone

- Supports wireless communications between EPIC 3 RI Voice Amplifier and remote speaker microphone operation with two-way field radios
- Provides seamless tactical and non-tactical communication capabilities
- Also offers connectivity with EPIC 3 - communication accessories

3M Order Code	Model #	Description
XP100119989	201277-06	EPIC 3 Bluetooth Lapel Sm Motorola Mototrbo XPR, APX Series Radios
XP100120003	201277-11	EPIC 3 Bluetooth Lapel Sm Motorola
XP100119963	201277-02	EPIC 3 Bluetooth Lapel Sm Motorola HT1000, XTS Series Radios, GP300 Series Radios
XP100119971	201277-04	EPIC 3 Bluetooth Lapel Sm Motorola HT750/1250/1550 Series Radios
XP100119997	201277-07	EPIC 3 Bluetooth Lapel Sm Kenwood TK280/290/380/390 Series Radios
XP100120011	201277-22	EPIC 2 Bluetooth Lapel Sm Harris P5400/7300, Unity, XG Series Radios

3M™ Scott EPIC 3 Voice Amplifier

- Compact, high performance voice amplifier
- Automatic Shutoff reduces costs of battery replacement
- Intrinsically safe for use with alkaline and NiMH AAA batteries
- IP66/IP67 rated design is robust enough to withstand the most extreme applications
- Tactile On/Off button makes it easy to activate with gloved hands
- Angled directional speaker projects amplified voice forwards
- Compatible with Promask, Vision 3 and AV3000 positive pressure facemasks (with comms bracket)
- ATEX/IECEX certifications: Ex ia IIB T3 Ga IP66/67 Complies with IEC standards IEC 60079-0: 2007-10 Edition 5; and IEC 60079-11: 2011 Edition 6.0

3M Order Code	Model #	Description
XP100119872	201275-03	EPIC 3 Voice AMP to suit Vision Face Piece
XP100551637	201275-04	EPIC 3 Voice AMP to suit Promask Face Piece
XP100119849	201275-01	EPIC 3 Voice Amp Open Bracket AV3000HT

3M™ Scott EPIC 3 Radio Interface Voice Amplifier

- Compact, SCBA mask mounted voice amplifier and wireless radio communications device
- Enhances SCBA facepiece voice communication intelligibility and loudness
- Advances safety through easy-to-use wireless communication interoperability with mobile field radios (requires use of Scott EPIC Lapel Speaker Mic to suit field radio)
- Improves user communications from the incident scene to remote locations via field radio
- IP66 and IP67 rated design is robust enough to withstand the most extreme applications
- Tactile On/Off button makes it easy to activate with gloved hands
- Angled directional speaker projects amplified voice forwards
- Advanced electronic noise suppression technology improves communication clarity and personnel safety
- Compatible with Promask, Vision 3 & AV3000 facemasks (with comms bracket)

3M Order Code	Model #	Description
XP100119906	201276-03	EPIC 3 Radio Int Voice Amp Vision Face mask
XP100119914	201276-04	EPIC 3 Radio Int Voice Amp Promask Face mask
XP100119880	201276-01	EPIC 3 Radio Int Voice Amp Open Bracket AV3000HT

3M™ Scott EPIC 3 Radio Direct Interface (RDI) Voice Amplifier

- Compact, SCBA mask mounted voice amp and wireless radio-direct communications device
- Designed to work with encrypted Bluetooth® enabled Motorola APX digital radios direct from SCBA mask to radio
- Advanced electronic noise suppression technology improves communication clarity and personnel safety
- Durable IP66/67 rated system for use in demanding high temperature environments
- Tactile On/Off button makes it easy to activate with gloved hands
- Angled directional speaker projects amplified voice forwards
- Customisable, user friendly, easy to operate, system
- Compatible with Promask, Vision 3 & AV3000 facemasks (with comms bracket)

EPIC 3 Radio Direct Interface Voice Amplifier

3M Order Code	Model #	Description
XP100119948	201276-13	EPIC 3 Radio Direct Int Voice Amp Vision
XP100119955	201276-14	EPIC 3 Radio Direct Int Voice Amp Promask

EPIC 3 Full face masks with comms bracket

3M Order Code	Model #	Description
XP100149945	2032231	Promask PP LQF HC EPIC 3 M L Rubber Head harness
XP100548815	2032232	Promask PP LQF HC EPIC 3 Sml Rubber Head harness
XP100149911	2032227	Vision PP LQF HC EPIC 3 M L Rubber Head harness
XP100149929	2032228	Vision PP LQF HC EPIC 3 Sml Rubber Head harness
XP100119922	201276-11	EPIC 3 Radio Direct Int. Voice Amp Open Bracket AV3000HT
XP100293933	8005245	AV3000HT RECB Small Kevlar
XP100293941	8005246	AV3000HT RECB Med Kevlar
XP100293958	8005247	AV3000HT RECB Large Kevlar
XP100293966	8005248	AV3000HT LECB Small Kevlar
XP100293974	8005249	AV3000HT LECB Med Kevlar
XP100293982	8005250	AV3000HT LECB Large Kevlar

3M™ EPIC 3 Accessories

Specialised communication accessories that extend EPIC 3 utility include; command headset, throat microphone with earpiece, remote finger-mounted ring PTT control and remote PTT paddle device

3M Order Code	Model #	Description
XP100119799	201226-01	EPIC 3 Ring PTT
XP100119807	201227-01	EPIC 3 Paddle PTT
XP100119815	201228-01	EPIC 3 Throat MIC
XP100119823	201229-01	EPIC 3 Command COM Headset
XP100119831	201243-01	EPIC 3 Bluetooth Programmer Interface Module W/USB Cable
XP100104031	200715-01	EPIC 3 AV3000 COMMS Bracket Right

Self Contained Breathing Apparatus

3M™ Scott Steel Cylinders

- Suitable for Scott SCBA and Scott Modulair Airline Trolley
- Complete with safety locking hand wheel

3M Order Code	Model #	Description
AT010709007	2006634	Cylinder 3L 300 Bar Steel
AT010699976	2006648	Flite Cylinder 2L 200 Bar Steel Cylinder
XP100148707	2031535	Flite COV 200 bar 10 min steel cyl c/w pouch and reducer/hose Full
XP100148723	2031537	Flite COV 200 bar 15 min steel cyl c/w pouch and reducer/hose Full
AT010709007	2006634	Cylinder 3L 300 Bar Steel

3M™ SCBA Storage Solutions

- Large enough to carry SCBA, cylinder and mask

3M Order Code	Model #	Description
AT010658097	SCBABAG:L	Carry Bag Large SCBA 35Cm X 75Cm X 35Cm
AT010645821	2014810	SCBA Moulded Carry Case

3M™ Scott Trigene Solution & Wipes

- Antimicrobial respirator and surface wipes
- Available as ready-to-use wipes & pre-mixed solution or in concentrate form for dilution on-site
- TGA Registered - ARTG No: 232937 & 233129

3M Order Code	Model #	Description
AT010647090	1017652EA	Trigene Wipes Drum (100)
AT010648684	2008248EA	Trigene Solution 5L Concentrat Clear
AT010659616	TRIG:31	Trigene Pre-Mix 1 To 100 5L Green
AT010659624	TRIGPM:1L	Trigene Pre-Mix 1 To 100 1 Litre Green

3M™ Scott SCBA Wall Cabinet

- Universal breathing apparatus wall-mount cabinet
- Made from 3mm PVC reinforced with fibreglass
- Comes with clear plastic lid to protect SCBA from dust and dirt

3M Order Code	Model #	Description
AT010658113	SCBACAB	SCBA Wall Cabinet
AT010656182	QTB454	Wall Bracket SCBA

3M™ Scott Carbon Fibre Cylinders

- Suitable for Scott SCBA and Scott Modulair Airline Trolley
- Constructed of an aluminium alloy inner shell overwrapped with carbon-fibre, fibreglass and epoxy resin
- Cylinder liner is coated with aluminium oxide to protect against moisture and corrosion
- Available with right angle valve (RAV) or T Valve 6.8L 300 Bar
- Supplied charged/full or empty.

3M Order Code	Model #	Description
AT010700105	1118245RAV	Cylinder 6.8L 300 Bar Carbon RAV
AT010660218	1127413RAV	Cylinder 9L 300 Bar Carbon RAV
AT010700113	1118245T	Cylinder 6.8L 300 Bar Carbon T Valve
AT010700121	1127413T	Cylinder 9L 300 Bar Carbon T Valve
AT010699968	2006638	Cylinder 4.7L 300 Bar Carbon 30 Min
AT010700675	1118245RAV-NLH	Cylinder 6.8L 300 Bar Carbon RAV Non-locking handwheel
AT010700683	1118245T-NLH	Cylinder 6.8L 300 Bar Carbon T Valve Non-locking handwheel
AT010673252	1127413RAV-NLH	Cylinder 9L 300 Bar Carbon RAV Non-locking handwheel
AT010700709	1127413T-NLH	Cylinder 9L 300 Bar Carbon T Valve Non-locking handwheel
XP100060209	1023116	035.016.03 Pressure Test Gauge 200 300 Bar
XP100061173	1024182	038.249.00 Cylinder Protective Cover Red
XP100061181	1024185	038.250.00 Cylinder Protective Cover Red
AT010648692	200952-03	Cylinder Sleeve 45 min 4500 6.8L
AT010648700	200952-04	Cylinder Sleeve 60 min 4500 9L
XP100148749	2031539	Flite COV 300 bar 10 min carbon cyl c/w pouch hose Full

Hearing Protection

Hearing protection must be right for you and your situation. For safety, productivity and comfort, it must reduce noise by the right amount, not too little and not too much. 3M can provide solutions for different individuals and applications with a wide range of earmuffs and earplugs.

The solution, protection and validation

As a global leader in sound and noise detection, hearing protection and fit test validation, 3M delivers easy and comprehensive solutions to complex hearing protection challenges.

Ears come in a variety of sizes and shapes, and noise levels on the job vary depending on the work that is being done. Hearing protection solutions by 3M offer a wide range of shapes and sizes to fit workers' ears comfortably while offering protection for a wide range of noise levels.

Noise Detection

The first step in solving the hearing protection challenge is to measure the noise levels facing your workers, so you can select the appropriate hearing protection for the application.

Adaptable Hearing Protection

3M delivers a wide range of innovative hearing protectors, making it easy to select the right solution for the job. A variety of types and sizes of earplugs and earmuffs are available helping your team determine the right 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.

Fit Test Validation

Integrating hearing protector fit testing into your 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 assess and manage the long-term performance of your hearing conservation program.

3M's broad range of hearing protection devices in a variety of types and styles helps you solve many of the challenges facing workers in various environments.

You can advance your hearing conservation programme with a customised and comprehensive approach to the hearing protection challenge. Implementing a solution that really makes a difference begins with understanding the hazards, the regulation and the factors that impact protection.

Understanding sound level conversion (SLC80)

An SLC80 rating is determined based on how well the hearing protector performed in a laboratory. However, each hearing protector's SLC80 is not always a good estimate for workplace noise reduction. Many factors, such as the relationship between the size of the wearer and size of the hearing protector, and how it has been inserted or fitted, can impact how effective that hearing protector will be. That's why it is so important to have the E-A-Rfit validation system as part of your hearing conservation program and the support of a hearing protection team with over 40 years of expertise.

At 3M, we understand the challenges of the workplace, the complexities of fitting protection devices, and the importance of creating adaptable solutions for maximising hearing protection. Our innovations in noise protection and validation are designed to solve real-world challenges, providing our customers with the advanced and comprehensive solutions needed to help protect workers.

When it comes to protecting workers' hearing there is no one-size fits all solution.

The first step is an accurate assessment of the sound level. The second step is choosing the right protection for the job, and the third is to use a validation system to verify the protection being used is at the right level for the given environment.

All of this should be consistently supported by a strong educational effort around noise awareness, fitting guidance and other motivational elements.

3M delivers a complete set of tools to **Protect** and **Validate**. It's 3M hearing protection solutions made innovatively easy.

Detection: Detecting and monitoring manufacturing noise exposure is the first step in identifying where hearing protection is needed.

Protection: Protecting hearing and enhancing communication require comfortable solutions with options that make it easy to select the right protection for each employee.

Validation: 3M recommends fit testing for hearing protection. Training on the proper use of protection and measurement of attenuation levels can help you validate that your employees are protected.

What types of sounds require hearing protection?

At home and work, it's important to understand which sounds may cause hearing loss and require hearing protection:

Home Scale Decibels (dBA)*

12-Gauge Shotgun	165 dB Peak
Basketball Game Crowd Noise	120
Chainsaw	110
Rock Concert	105
Motorcycle	100
Lawn Mower	90
Vacuum Cleaner	80
Mid-Sized Auto Interior	70
Conversation	60
Floor Fan	50
Refrigerator Hum	40
Rustling Leaves	30
Watch Ticking	20

Thermometer scale: 160, 150, 140, 130, 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10

Work Scale Decibels (dBA)*

Jet Takeoff	140
Pneumatic Riveter	124
Hammer Drill	114
Tractor / Hand Drill	97
Belt Sander	93
City Traffic	78
Air Conditioning Unit	60
Electrical Transformer	45

* Information from 3M™ Noise Navigator™ Sound Level Database www.3M.com/hearing and National Institute for Occupational Safety and Health (NIOSH) www.cdc.gov/niosh/topics/noise/noisemeter.html

It starts with PAR.

How do you decide what Hearing Protection you will offer to your workers?

If you are simply using the SLC80 found on the box of earplugs as a guide you may not be providing accurate protection levels for every worker. Ears come in many shapes and sizes and to make sure all workers are getting the protection they need, you need to know their Personal Attenuation Rating (PAR).

✅ 29 dB

Pass.

A "pass" result means the hearing protection is inserted properly and provides sufficient protection for the worker's specific job.

❌ 10 dB

Fail.

A "fail" result means the hearing protection is either not inserted properly or is the wrong type or size for the worker's ear canal.

Noise-induced hearing loss is 100% preventable.

NOTE: Finding each employee's PAR is an essential step in a comprehensive hearing conservation program. Once a worker's PAR is measured, you can determine if they're using the right hearing protection and they are trained on proper use.

What's your PAR?

Every employee is different. Every job is different. Every ear is different. Finding each employee's PAR will help you have assurance that workers' hearing is protected and they are compliant with the law. That's why we made the new 3M™ E-A-Rfit Dual-Ear Validation System fast, accurate and easy.

Fit testing is key.

Get results you can trust. The 3M™ E-A-Rfit Dual-Ear Validation System measure the effectiveness of the earplug or earmuff inside the employee's ear providing accurate, quantitative results. Because you can simultaneously test both ears, you have more to focus on education including the importance of fit and protection.

Why 3M?

As the leader in hearing protection, 3M offers a complete solution, with dual-ear and earmuff testing capabilities plus a user-friendly interface. The 3M™ E-A-Rfit Dual-Ear Validation System is the fast and easy way to find your employees' PAR, because we know how important it is to make your hearing conservation program fit seamlessly into your operation.

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

Features

- Dual-ear testing
- Fast, clear accurate results
- Earmuff testing capability
- Tests all 7 frequencies
- Seamless software integration
- •Science-based, quantitative testing
- Compact design

Earplugs

Our 3M™ Earplug range provide great comfort, fit and good protection. 3M provides a wide range of earplug types to choose from that suits your individual needs. From disposable, reusable, push-ins or banded types.

Disposable Earplugs

3M™ Disposable Earplugs, made from expandable slow-recovery foam, help provide a great combination of comfort and hearing protection for users. Once in the ear, foam earplugs expand to conform to the unique shape of each ear canal. 3M provides a wide range of disposable roll-down earplugs so you can choose the best solution for your individual needs.

3M™ E.A.R™ Classic Earplugs

Classic earplugs were the industry's first foam earplugs, virtually revolutionising hearing protection. Today, the revolution continues. It meets more wearer and environmental needs with its proprietary foams, preferred cylindrical shape, and proven in-ear comfort.

Features and Benefits:

- Moisture Resistant
- Slow-Recovery Foam
- E-A-Rfit Testable
- Uncorded - 23dB (Class 4)
- Corded - SLC80 21dB (Class 3)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071514940	311-1101	E-A-R Classic Corded
70071514916	310-1001	E-A-R Classic Pillow Pack Uncorded
70071514932	312-1201	E-A-R Classic Polybag Uncorded

3M™ E.A.R™ Classic Platinum Earplugs

- 7% Smaller than Classic
- Moisture Resistant
- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 23dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515848	310-4002	E-A-R Classic Platinum Pillow Pack Uncorded
70071515871	310-4003	E-A-R Classic Platinum Polybag Uncorded

3M™ E.A.R™ Classic Superfit 30 Earplugs

- Moisture Resistant
- Slow-Recovery Foam
- Uncorded – SLC 80 23dB (Class 4)
- Corded – SLC 80 22dB (Class 4)
- 2000 pairs/case
- 200 pairs/box
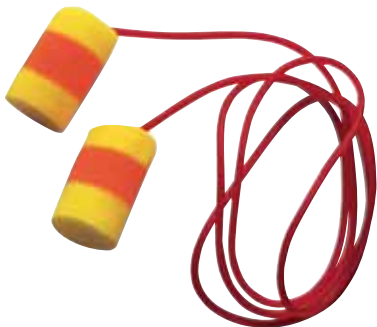
3M Order Code	Model #	Description
70071515939	311-1126	E-A-R Classic Superfit 30 Corded
70071520913	312-4201	E-A-R Classic Superfit 30 Uncorded

3M™ E.A.Rsoft™ Neons Earplugs

- Slow-Recovery Foam
- Two sizes available
- E-A-Rfit Testable
- SLC 80 23dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515020	312-1250	E-A-Rsoft Neons Regular Uncorded
70071515152	311-1251	E-A-Rsoft Neons Large Corded
70071515053	312-1251	E-A-Rsoft Neons Large Uncorded

3M™ E.A.Rsoft™ Neon Blast Earplugs

- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 23dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515160	311-1252	E-A-Rsoft Yellow Neon Blasts Regular Corded
70071515079	312-1252	E-A-Rsoft Yellow Neon Blasts Regular Uncorded

3M™ E.A.Rsoft™ SuperFit Earplugs

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 24dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515145	311-1254	E-A-Rsoft Superfit Regular Corded
70071515061	312-1255	E-A-Rsoft Superfit Large Uncorded
70071515038	312-1256	E-A-Rsoft Superfit Regular Uncorded

3M™ E.A.Rsoft™ FX Earplugs

- Available with Cord
- Slow-Recovery Foam
- Easy removal (bell shape)
- E-A-Rfit Testable
- SLC 80 26dB (Class 5)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515137	312-1260	E-A-R FX Corded
70071515046	312-1261	E-A-R FX Uncorded

3M™ E.A.R™ Taperfit II Earplugs

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 26dB (Class 5)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515228	312-1219	E-A-R Taperfit II Regular Uncorded
70071515236	312-1221	E-A-R Taperfit II Large Uncorded
70071515251	312-1224	E-A-R Taperfit II Large Corded

3M™ Nitro™ Earplugs

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- SLC 80 26dB (Class 5)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515962	P1000	3M Nitro Uncorded
70071515970	P1001	3M Nitro Corded

3M™ 1100 & 1110 Earplugs

- Available with Cord
- Hypo-allergenic Foam
- SLC 80 21dB (Class 3)
- Uncorded - 1000 pairs/case
- Uncorded - 200 pairs/box
- Corded - 500 pairs/case
- Corded - 100 pairs/box

3M Order Code	Model #	Description
70070406304	1100	3M 1100 Earplugs Uncorded
70070406312	1110	3M 1110 Earplugs Corded

Push-to-Fit Earplugs

Simply hold 3M™ Push-to-Fit Earplugs by the stem then push them into place — there is no roll-down required. The soft foam tip quickly adjusts to the shape of the ear to help create a noise-reducing seal. Since you don't touch the foam tip, they are easy to insert and keep clean, even when your hands are dirty or you are wearing gloves.

3M™ Skull Screws™ Earplug

Skull Screws™ earplugs perform as tough as they look by providing excellent hearing protection for noisy environments. The metallic color makes the earplugs look solid, but they are made from ultra-soft foam that provides day long comfort. Grab the attention of your young workers with these radically designed earplugs and help boost hearing protection acceptance.

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 26dB (Class 5)
- 480 pairs/case
- 120 pairs/box

3M Order Code	Model #	Description
70071515640	P1300	3M Skull Screws Uncorded
70071515632	P1301	3M Skull Screws Corded

3M™ E.A.R™ Push-Ins Earplugs

- Available with Cord
- E-A-Rform™ Foam Tip
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 23dB (Class 4)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515673	318-1002	E-A-R Push-Ins Uncorded
70071515707	318-1003	E-A-R Push-Ins Corded

3M™ E.A.R™ Push-Ins With Grip Rings Earplugs

- Available with Cord
- Patented Grip Rings
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 26dB (Class 5)
- 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515657	318-1008	E-A-R Push-Ins With Grip Rings Uncorded
70071515681	318-1009	E-A-R Push-Ins With Grip Rings Corded

3M™ E.A.R™ Express Pods Earplugs

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 19dB (Class 3)
- 400 pairs/case
- 100 pairs/box

3M Order Code	Model #	Description
70071516002	321-2115	E-A-R Express Pods Corded
70071516010	321-3200	E-A-R Express Pods Uncorded

3M™ Pistonz™ Earplugs

- Available with Cord
- Slow-Recovery Foam
- No Roll-Down Required
- Flexible Stem
- SLC 80 25dB (Class 4)
- 400 pairs/case
- 100 pairs/box

3M Order Code	Model #	Description
70071561487	P1400	3M Pistonz Uncorded
70071561495	P1401	3M Pistonz Corded

3M™ No-Touch™ Earplugs

- Available with Cord
- Slow-Recovery Foam
- E-A-Rfit Testable
- No Roll-Down Required
- SLC 80 25dB (Class 4)
- 400 pairs/case
- 100 pairs/box

3M Order Code	Model #	Description
70071515624	P2000	3M No Touch Uncorded
70071515616	P2001	3M No Touch Corded

Reusable Earplugs

These durable, long-lasting earplugs are made from soft, flexible materials that are washable and reusable. The tapered tips are pre-molded for a wide range of ear sizes. Available in a variety of styles and protection levels.

3M™ E-A-R™ UltraFit™ Earplugs

A proven triple-flange design and pliable, premolded material make UltraFit earplugs a more comfortable fit for most ear canals. These durable, reusable earplugs are easy to use again and again, reducing waste. They can be cleaned easily with soap and water. Since there is no need to roll them down before fitting, simply push them into the earcanal for clean and comfortable noise reduction.

- Moisture Resistant
- Reusable, No Roll-Down
- E-A-Rfit Testable
- SLC 80 18dB (Class 3)
- Corded & Uncorded - 400 pairs/case
- Corded & Uncorded - 100 pairs/box
- Corded with case - 200 pairs/case
- Corded with case - 50 pairs/box

3M Order Code	Model #	Description
70071521143	340-4001	E-A-R Ultrafit Cased Uncorded
70071515798	340-4002	E-A-R Ultrafit Cased Corded
70071515772	340-4004	E-A-R Ultrafit Polybag Corded

3M™ E.A.R™ Ultrafit 27 Earplugs

- Tripple-flange tips
- Moisture Resistant
- Reusable, No Roll-Down
- Pistol-grip stem, easy insert
- 22dB (Class 4)
- 400 pairs/case
- 100 pairs/box

3M Order Code	Model #	Description
70071515764	340-8001	E-A-R Ultrafit 27 Uncorded
70071515756	340-8002	E-A-R Ultrafit 27 Corded

3M™ Tri-Flange™ Earplugs

- Moisture Resistant
- Reusable, No Roll-Down
- Vinyl or Cloth cord
- E-A-Rfit Testable
- 19dB (Class 3)
- 400 pairs/case
- 100 pairs/box

3M Order Code	Model #	Description
70071515723	P3000	3M Tri-Flange Corded
70071515715	P3001	3M Tri-Flange Cloth Corded

3M™ 1200 Reusable Earplugs

- Reusable, No Roll-Down
- 18dB (Class 3)
- Corded - 500 pairs/case
- Corded - 100 pairs/box
- Corded with case - 250 pairs/case
- Corded with case - 50 pairs/box

3M Order Code	Model #	Description
AT010561119	1270	3M 1270 Earplugs Corded
AT010561127	1271	3M 1271 Earplugs Cased Corded

3M™ Combat Arms 4.1 Earplug with dual mode attenuation

- Reusable, No Roll-Down
- Dual Mode Rocker Switch
- Open Mode Pass Through
- Closed Mode Loud Impulse Noise
- Military, Law Enforcement Markets
- Open Mode - SLC80 9dB (Class 1)
- Closed Mode SLC80 12dB (Class 1)

3M Order Code	Model #	Description
70071675014	370-1044	E-A-R Combat Arms 4.1, Small
70071675022	370-1045	E-A-R Combat Arms 4.1, Medium
70071675030	370-1046	E-A-R Combat Arms 4.1, Large

Metal Detectable Earplugs

All 3M™ Metal Detectable Earplugs have an integral stainless steel ball encased in the earplug. Ideal for use in food manufacturing industries, when contamination prevention is critical. Available in a range of comfortable to meet user preferences and environmental needs.

3M™ E-A-Rsoft™ Neon Metal Detectable Earplugs

3M™ E-A-Rsoft™ Neon Metal Detectable earplugs were specially developed for food processing and other industries where it is critical to keep earplugs from contaminating products and processes. Recognized by most metal-sensing systems, these earplugs feature an implanted stainless steel ball bearing in the plug and metal particles in the cord.

- Slow recovery foam
- Implanted stainless steel ball
- SLC 80 23dB (Class 4)
- Corded - 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071515103	311-4106	E-A-Rsoft Yellow Neon Metal Detectable Corded

3M™ E-A-R™ Ultrafit™ Metal Detectable Earplugs

- Triple flange design
- Reusable, no Roll-down
- Implanted stainless steel ball
- 18dB (Class 3)
- 400 pairs/case
- 100 pairs/box

3M Order Code	Model #	Description
70071515749	340-4007	E-A-R Ultrafit Metal Detectable Corded

3M™ E-A-Rflex™ Metal Detectable Banded Earplugs

- Banded with pods
- Hygienic insertion
- Implanted stainless steel ball
- 15dB (Class 2)
- 10 bags/case

3M Order Code	Model #	Description
70071515822	350-3101	E-A-Rflex Metal Detectable Banded

3M™ E-A-Rsoft™ Metal Detectable Earplugs

- Blue plug and cord
- Slow recovery foam
- Implanted stainless steel ball
- 23dB (Class 4)
- Corded - 2000 pairs/case
- 200 pairs/box

3M Order Code	Model #	Description
70071513850	ES-01-011A	E-A-Rsoft Metal Detectable Corded

Banded Hearing Protectors

Banded hearing protectors are an easy-to-use, convenient alternative to earplugs and earmuffs. They are quick to put on and take off and may be stored around the neck in between uses, making them excellent for intermittent use.

3M™ E-A-R™ Swerve™ Banded Hearing Protector

Comfort meets performance as the unique Swerve™ banded earplugs incorporate a cutting-edge band design with the effectiveness of E-A-R™ foam earplugs. The ergonomic design minimizes interference with the wearer.

- Replacement Tips Available
- Adjustable Band
- Custom Neck/Ear Positioning
- Slow-Recovery Foam
- Flex 28 Tips - 23dB (Class 4)
- 10 bands/case

3M Order Code	Model #	Description
70071529450	322-2000	E-A-R Swerve Banded Earplug (Behind Neck Position)
70071561297	320-1001	E-A-RFlex 28 Replacement pods

3M™ E-A-Rflex™ Banded Earplugs

- Replacement Tips Available
- Flexible Band
- Multi Pivot Tips
- E-A-Rflex Tips - 15dB (Class 2)
- 10 bands/case

3M Order Code	Model #	Description
70071515806	350-3001	E-A-Rflex Foam
70071515814	350-3002	E-A-Rflex Foam (Replacement Pods)

3M™ 1310 Banded Series

- Replacement Tips Available
- Flexible Band
- Round Foam Tips
- Worn under chin - 18dB (Class 3)
- 50 bands/case

3M Order Code	Model #	Description
AT010561135	1310	3M 1310 Banded Series (Under Chin Position)
H0001861683	1311	3M 1311 Banded Series (Replacement Pods)

3M™ E.A.R™ One Touch Earplug Dispensers

3M™ One Touch™ Pro Earplug Dispenser gives workers convenient access to hearing protection products. A "No-Waste Funnel" accurately delivers earplugs with a slight turn. It typically dispenses a single earplug with each turn, giving the worker more control with less chance of spillage and waste of earplugs.

Features and Benefits:

- Makes it easy for workers to get the earplugs they need on the job. The dispenser holds 400-500 pair of earplugs that are dispensed one at a time with a simple turning motion. Because the dispensing of earplugs is controlled, there should be little waste
- Our dispenser also makes it more sanitary for workers to get their earplugs as it eliminates the practice of workers reaching into a bin and touching multiple earplugs.
- The 3M One Touch Pro Earplug dispenser may be placed on flat, level surfaces such as countertops, or wall mounted in a convenient place. For wall mounting applications, a powder-coated steel backplate is included
- Accurately dispenses one earplug at a time
- Dispenses earplug directly into hand
- Durable ABS plastic for tough environments
- Can be free-standing or wall-mounted
- Shields earplugs from wind and rain

| Classic™ | Yellow Neons™ | Yellow Neon Blasts™ | SuperFit™ | 1100 |

3M Order Code	Model #	Description
XA007701783	1100-BT	3M™ 1100 One Touch™ Refill - 500 pair/bottle4 bottles/case, SLC80 21dB (Class 3)
70071514882	391-1001	3M™ Classic™ One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
70071521317	391-1009	3M™ Classic™ SuperFit™ 30 One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
70071515087	391-1004	3M™ E-A-Rsoft™ Yellow Neons™ One Touch™ Refill- 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
70071515954	391-1008	E-A-Rsoft Yellow Neons Large One Touch Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
70071521325	391-1010	3M™ E-A-Rsoft™ Yellow Neon Blasts™ Regular One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 23dB (Class 4)
70071515095	391-1254	3M™ E-A-Rsoft™ SuperFit™ One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC80 24dB (Class 4)
70071674751	390-1012	3M™ E-A-Rsoft FX™ One Touch™ Refill Bottle 500 pair/bottle 4 bottles/case, SLC80 26dB (Class 5)
XA007703094	PN-01-011	3M™ Solar One Touch™ Refill Bottle 500 pair/bottle 4 bottles/case, SLC80 26dB (Class 5)
70071674207	391-0000	3M™ One Touch™ Pro - Earplug Dispenser
70071674744	391-0010	3M™ One Touch™ Pro Mounting Adapter Plate (Needed if using same mounting points as Howard Leight LS500 dispenser)

Earmuffs

The 3M™ PELTOR™ Earmuffs have been developed for demanding noisy environments and are effective in reducing even extremely low frequency sound. The sealing rings are filled with a unique combination of liquid and foam. The result is an optimum seal with low contact pressure, which provides agreeable comfort even during long periods of use.

3M™ Peltor™ X4 Series Earmuffs

Extremely lightweight, low-profile earmuffs for use in high-noise exposure situations

Historically higher attenuating earmuffs meant larger and bulky cups, but no longer. The 3M™ PELTOR™ Earmuffs X4 can attenuate by as much as 31dB whilst maintaining a sleek, low profile aesthetically pleasing design. Using the same innovative technology the 3M™ PELTOR™ X5 remains relatively lightweight with excellent balance and wearer comfort despite the larger cups, providing ratings as high as SLC80 35dB.

Features and Benefits:

Comfort
● Easy to adjust headband
● Comes in electrically insulated (dielectric) and wire formats
● Twin headband design helps reduce heat build-up and provides a good fit and balance
● Earcups tilt for optimum comfort and efficiency

Protection
● Unique attenuation as a result of optimum combination of specially-formulated foam featured in the earcups, cushions and the innovative spacer and cup design
● Newly designed spacer improves attenuation without excess bulk or weight
● Also available in helmet attach and neckband versions.

Design
● Extremely lightweight (234g)
● Integrated design for more robustness
● Colour-coded for ease of selection
● Easy to clean
● Extremely slim design providing excellent compatibility with other 3M personal protection products

3M Order Code	Model #	Description
XA007707947	X4A	Headband Earmuffs X Series Light Green SLC80 31dB (Class 5)
UU008197848	X4B	Neckband Earmuffs X Series Light Green SLC80 31dB (Class 5)
XA007707970	X4P3E/G	Helmet Attach Earmuffs X Series Light Green SLC80 27dB (Class 5)
AT010613571	X4P5E/G	Helmet Attach Dielectric Earmuffs X Series Light Green SLC80 26dB (Class 5)
XA007707608	HYX4	Replacement Hygiene Kit for X4 Earmuff Models

3M™ Peltor™ X5 Series Earmuffs

3M's highest attenuation earmuffs for very high-noise exposures

3M Order Code	Model #	Description
XA007707954	X5A	Headband Earmuffs X Series Black SLC80 35dB (Class 5)
UU008197848	X5B	Neckband Earmuffs X Series Black SLC80 34dB (Class 5)
XA007707970	X5P3G/E	Helmet Attach Earmuffs X Series Black SLC80 31dB (Class 5)
AT010613589	X5P5G/E	Helmet Attach Dielectric Earmuffs X Series Black SLC80 31dB (Class 5)
XA007707616	HYX5	Replacement Hygiene Kit for X5 Earmuff Models

3M™ Peltor™ H7 Deluxe Series

For eight-hour TWA noise exposures up to 101 dBA

3M Order Code	Model #	Description
70071516226	H7A	Headband Earmuffs H Series Green SLC80 30dB (Class 5)
70071516317	H7B	Neckband Earmuffs H Series Green SLC80 28dB (Class 5)
70071516309	H7F	Folding Earmuffs H Series Green SLC80 31dB (Class 5)
70071516291	H7F HV	Headband Earmuffs H Series Neon Hi Viz SLC80 31dB (Class 5)
70071516283	H7P3E	Helmet Attach Earmuffs H Series Green SLC80 30dB (Class 5)
70071516275	H7P3G	Helmet Attach Earmuffs H Series Green SLC80 30dB (Class 5)
XH001651062	HY52	Replacement Hygiene Kit for H7 Series

3M™ Peltor™ H6 Select Performance Series

For eight-hour TWA noise exposures up to 95 dBA

3M Order Code	Model #	Description
70071516267	H6A	Headband Earmuffs H Series Beige SLC80 22dB (Class 4)
70071516259	H6B	Neckband Earmuffs H Series Beige SLC80 22dB (Class 4)
70071516242	H6F	Folding Earmuffs H Series Beige SLC80 23dB (Class 4)
70071516234	H6P3G	Helmet Attach Earmuffs H Series Beige SLC80 22dB (Class 4)
70071516135	HY5	Replacement Hygiene Kit for H9/H6 Series

3M™ Peltor™ H10 Extreme Performance Series

Unique double-shell cup design provides high attenuation for eight-hour TWA noise exposures up to 105 dBA

3M Order Code	Model #	Description
70071516200	H10A	Headband Earmuffs H Series Red/Black SLC80 33dB (Class 5)
70071516192	H10A HV	Headband Earmuffs H Series Hi Viz SLC80 33dB (Class 5)
70071516184	H10B	Neckband Earmuffs H Series Red/Black SLC80
70071516176	H10P3E	Helmet Attach Earmuffs H Series Red/Black SLC80 33dB (Class 5)
70071516150	H10P3G	Helmet Attach Earmuffs H Series Red/Black SLC80 33dB (Class 5)
XH001659362	HY54	Replacement Hygiene Kit for H10 Series

3M™ Peltor™ H9 Select Performance Series

For eight-hour TWA noise exposures up to 98 dBA

3M Order Code	Model #	Description
70071516390	H9A	Headband Earmuffs H Series Yellow SLC80 24dB (Class 4)
70071516374	H9B	Neckband Earmuffs H Series Yellow SLC80 24dB (Class 4)
70071516341	H9P3E	Helmet Attach Earmuffs H Series Yellow SLC80 24dB (Class 4)
70071516333	H9P3G	Helmet Attach Earmuffs H Series Yellow SLC80 24dB (Class 4)
70071516135	HY5	Replacement Hygiene Kit for H9/H6 Series

3M™ Peltor™ H31 Low Profile Series

3M Order Code	Model #	Description
AT010592841	H31P3AF	Earmuffs for M-Series Head Tops, M100 = Class 3, M-300 = Class 4

3M™ Peltor™ H510 Kids Series

Designed for younger wearers, to protect against moderate levels of noise in everyday situations.

3M Order Code	Model #	Description
XH001678487	H510AK-442-GB	Neon Green Headband Format Earmuffs, SNR 27dB
XH001678495	H510AK-442-RE	Neon Pink Headband Format Earmuffs, SNR 27dB

3M™ Peltor™ Bulls Eye Shooters Earmuffs

Provides a moderate to high level of protection that meet the needs of sport shooters and hunters.

3M Order Code	Model #	Description
XH001658299	H515FB-516-GN	Green Headband Format Shooting Earmuffs, Class 5 SLC80 25dB

3M™ Economy Earmuffs

- Australian made
- Single injection moulded headband
- Rotation headband allows head or neck position selection
- High impact acoustic cups
- Simple fitting adjustment
- Class 5 29dB(A) and Class 5 26dB(A) options
- Certified to AS/NZS 1270:2002

AT010700311

AT010700329

3M Order Code	Model #	Description
AT010700311	RB920	Series 2 Headband Hi-Vis Yellow Earmuff
AT010700329	RB920PVM	Series 2 Earmuff Polycarb Visor Combo
AT010700352	RBHGK920	Hygiene Kit Suitable For Rb920

3M™ Peltor™ H505B Welders Earmuffs

Low-profile design that fits comfortably under most welding helmets.

3M Order Code	Model #	Description
XA007703797	H505B	Black Neckband Format Earmuffs, Class 4 SLC80 22dB

3M™ Universal RB44 Series

- Australian made
- Single injection moulded headband
- Even seal distribution and comfortable headband with simple size adjustment
- High impact acoustic cups
- Cap attachable earmuffs slot straight into TA500 Series safety helmets
- Suitable for all industries medium to high noise environments
- Class 5 27dB(A)
- Certified to AS/NZS 1270:2002

AT010700287

AT010700287

AT010700345

3M Order Code	Model #	Description
AT010700287	RB44	Headband Orange Universal Earmuff
AT010700295	RB44CA	Cap Attach Orange Universal Earmuff
AT010700345	RBHGK44	Hygiene Kit Suitable For Rb44 Series

Communications

Close up or far away the 3M™ PELTOR™ Communication Solutions for noisy environments make it possible for users of hearing protectors to communicate very effectively – with their immediate environment and with people further away.

The safe way to be heard, and get things done.

Work never sounded this good

There was a time when wearing hearing protectors meant being isolated and out of contact. Those days are over. Today, the 3M™ Peltor™ Brand of Products offers communication solutions that not only make your working day safer and more efficient, but also much smarter.

To be effective, a hearing protector should be used 100% of the time in noisy environments. Even taking it off for a short time dramatically reduces its effectiveness and greatly increases the risk of hearing damage. 3M™ Communication Solutions Products make it possible for your team to communicate more easily in high-noise areas.

Communication devices are key to both safety and productivity. Integrating a 3M Communication Solution in your work environment will help you communicate more clearly with co-workers while reducing your exposure to potential hazardous noise. Feel free to contact us to discuss a solution to meet your specific needs.

Just what you want to hear

Active control of incoming sounds from your surroundings lets you hear alarm signals and machines, while harmful levels of noise are filtered out by smart electronics.

Music to your ears

Communication with people around you involves using our level-dependent function for ambient listening systems. For longer distances, you have built-in two-way radios and Bluetooth® Connections to mobile phones. Meanwhile all communication options can also be combined with a sound system so you can listen to your favourite streamed music or pod radio, with first-class sound quality.

Function symbols

To help you understand the functionality of the products you will find below on each product.

Hearing protection with built-in AM/FM radio

Hearing protection for communicating with external two-way radio

Hearing protection with built in two-way radio

Hearing protection with level-dependent function for environmental listening limited to max 82 dB

Hearing protection with external audio input

Bluetooth® Technology

3M™ Peltor™ WS™ Alert™ XPI Headset

Multipoint bluetooth headset with noise cancelling microphone and situational awareness

The 3M™ PELTOR™ WS™ ALERT™ XPI Headset is the next generation protective communication solution. With Bluetooth® wireless communication, noise-cancelling boom microphone, integrated FM Radio and level-dependent function for ambient listening, the WS™ ALERT™ XPI Headset not only helps protect you against hazardous noise, but also makes it easy to make phone calls with both hands free in noisy environments.

Features and Benefits:

- High attenuating hearing protector in two models: stand-alone headband or safety helmet attachment
- Bluetooth® MultiPoint Technology for connection to one or two external devices for hands-free talk and streaming Noise cancelling boom microphone for clear speech transmission in noisy environments
- Level-dependent function for ambient listening to help improve your situational awareness (limited to 82 dB)
- Push-to-Listen feature to easily and instantaneously listen to your surroundings
- Built-in FM-Radio with radio volume limited to 82dB
- Voice guided menu system with announced FM-Radio frequencies
- Digital station search
- Ability to store up to 4 favourite stations
- Auto power off: The headset will turn off after 4 hrs of non-use to save battery

3M Order Code	Model #	Description
UU009152602	MRX21AWS6-AZ	3M Peltor WS Alert XPI, Headband Headset SLC80 30dB (Class 5)
UU009153311	MRX21P3EWS6-AZ	3M Peltor WS Alert XPI, Helmet Attach Headset SLC80 30dB (Class 5)
UU008567388	HY82	Replacement Hygiene Kit for WS Alert XPI

3M™ Peltor™ Bluetooth Wireless Accessory

Make and receive important calls without removing your hearing protection or leaving the noisy job site. Stay connected to the crew while operating a crane or other heavy equipment. Communicate without risking safety.

- Bluetooth® wireless technology
- Noise-cancelling microphone
- Clips on in place of hygiene kit
- 8 hours talk/streaming time
- Resistant to harsh environmental elements (IP54)
- One-button operation
- Designed for X Series Earmuffs

3M Order Code	Model #	Description
UU009011832	WS-CUSH	3M™PELTOR™Wireless Communication Accessory designed for X Series Earmuffs

3M™ PELTOR™ ProTac™ III Headset

The 3M™ PELTOR™ ProTac™ III hearing protector helps safeguard against harmful noise, whilst allowing ambient sounds to be heard at a level below 82dB. This attribute increases your situation awareness and ability to communicate with nearby colleagues, as well as hearing warning signals, approaching vehicles or sounds produced by machines and industrial processes.

- Built-in level-dependent function for situational awareness
- 3.5mm listen only input (two-way radio, mobile)
- Voice Guided Menu System
- Loud Impact Noise Suppression
- Auto Shut Off
- Standard Cup version and Slim cup version

3M Order Code	Model #	Description
UU004637771	MT13H220P3E	Slim Headset, black, helmet attachment, Class 4 SLC80 24dB
UU004690614	MT13H221P3E	Headset, black, helmet attachment, Class 5 SLC80 30dB
UU004637789	MT13H220A	Slim Headset, black, headband, Class 5 SLC80 26dB
UU004690622	MT13H221A	Headset, black, headband, Class 5 SLC80 32dB

3M™ Peltor™ WS ProTac XP Headset

The 3M Peltor™ WS Series ProTac XP Headsets is an active-hearing protector that features Bluetooth® technology. This enables work with both hands free while taking calls via two-way radio, DECT – or mobile phones. The ambient listening function lets users hear surrounding noise and converse with colleagues.

- DSP (Digital Noise Reduction)
- Supports Bluetooth A2DP profile for streaming high quality stereo sound
- Level Dependent - Situational Awareness
- Advanced VOX (Voice Operated Transmit)
- Available in Flex Lead version

3M Order Code	Model #	Description
XH001680012	MT15H7AWS5	Headband ProTac XP Headset LD Bluetooth Black SLC80 30dB (Class 5)
XH001680335	MT15H7BWS5	Neckband ProTac XP Headset LD Bluetooth Black SLC80 29dB (Class 5)
XH001680004	MT15H7P3EWS5	Helmet Attach ProTac XP Headset LD Bluetooth Black SLC80 29dB (Class 5)

3M™ Peltor™ Lite-Com Plus Headsets

The 3M™ Peltor™ LiteCom is a high-performance hearing protector with a built-in communication radio for wireless short-range communication with other LiteCom headsets and radios programmed on the same frequency. Operates on ISM 433 MHz frequency.

- Built in two-way radio communication
- 69 channels (LPD 433 MHz)
- Level dependent function for ambient listening
- Rechargeable lithium-ion battery with 20 hours operating time
- Voice operated transmission (VOX)
- Voice guided menu system

3M Order Code	Model #	Description
XH001680756	MT7H7A4310-AZ	Lite-Com™ Plus™, Two Way Communication Headsets
XH001680764	MT7H7B4310-AZ	Lite-Com™ Plus™, Two Way Communication Headsets
XH001680772	MT7H7P3E4310-AZ	Lite-Com™ Plus™, Two Way Communication Headsets

Communications

3M™ Peltor™ LiteCom Pro II Headsets

The LiteCom Pro II has an in-built short range UHF radio headset that's frequency programmable, designed for either stand alone or integration into industrial or other professional communication systems. It's intrinsically safe, and is ideal for oil and gas environments, as well as manufacturing and assembly line work.

- Built in Programmable Two-Way Radio
- Intrinsically Safe
- Level dependent function for ambient listening
- Rechargeable lithium-ion battery with 20 hours operating time
- Voice operated transmission (VOX)
- Voice guided menu system
- EARFit testing

3M Order Code	Model #	Description
UU004229702	MT7HF5010-AZ-50	Headband LiteCom Pro II Headset Two-Way Radio Comms Black SLC80 30dB (Class 5)
UU004230015	MT7H7B5010-AZ-50	Neckband LiteCom Pro II Programmable Headset Two-Way Radio Comms Black SLC80 30dB (Class 5)
UU004229927	MT7H7P3E5010-AZ-50	Helmet Attach LiteCom Pro II Programmable Headset Two-Way Radio Comms Black SLC80 30dB (Class 5)

3M™ Peltor™ Worktunes Pro AM/FM Radio Headset

- Dual shell designed to protect the electronic circuitry inside the cup
- 3.5mm jack: A listen-only stereo input to connect to a mobile phone, two-way radio or other external devices (limited to 82dB)
- 2 x AA batteries: Lasting for approx. 100 hours of use

3M Order Code	Model #	Description
UU004690713	HRXS221A	3M™ Peltor™ Worktunes Pro AM/FM Radio Headset, black, headband SLC80 32dB (Class 5)
UU004690663	HRXS221P3E	3M™ Peltor™ Worktunes Pro AM/FM Radio Headset, black, helmet attachment SLC80 30dB (Class 5)

3M™ Peltor™ ProTac Hunter/Shooter Headset

- Dual shell designed to protect the electronic circuitry inside the cup
- 3.5mm jack: A listen-only stereo input to connect to a mobile phone, two-way radio or other external devices (limited to 82dB)
- 2 x AA batteries: Lasting for approx. 100 hours of use

3M Order Code	Model #	Description
UU004690648	MT13H222A	3M™ Peltor™ ProTac Hunter Headset, green, headband SLC80 26dB (Class 5)
UU004690630	MT13H223A	3M™ Peltor™ ProTac Shooter Headset, green, headband SLC80 32dB (Class 5)

3M™ PELTOR™ SportTac™ Hunting Folding Headband

- Electronic level dependent hearing protector designed for hunting and shooting.
- Approximately 600 hours operation time and uses the HY21 Hygiene Kit.

3M Order Code	Model #	Description
XH001650049	MT16H210F-478-GN	3M™ Peltor™ Folding Headband, Level Dependent, Green/Orange SLC80 24db (Class 4)
XH001650056	MT16H210F-478-RD	3M™ Peltor™ Folding Headband, Level Dependent, Red/Black SLC80 24db (Class 4)

3M™ Peltor™ High Attenuation Standard Headset

- High noise attenuating ear muff with noise compensation microphone.
- Standard J11 connection.
- Uses HY79 Hygiene Kit.

3M Order Code	Model #	Description
XH001650932	MT7H79A	Headband 230ohm dyn.mic J11 SLC 80 31dB (Class 5)
XH001652854	MT7H79B	Neckband 230ohm dyn.mic J11 SLC 80 26dB (Class 5)
XH001650940	MT7H79P3E	Helmet 230ohm dyn.mic J11 SLC 80 29dB (Class 5)

3M™ Peltor™ Listen Only Format Headset

- Fitted with volume level limiter equivalent to 82 dB(A).
- Available with numerous connectors.
- Uses HY79 Hygiene Kit.

3M Order Code	Model #	Description
XH001651112	HTM79A	Headband Format Headset, 230 ohm, 3.5mm Mono, SLC80 31 dB (Class 5)
XH001652391	HTM79B	Neckband Format Headset, 230 ohm, 3.5mm Mono, SLC80 31 dB (Class 5)
XH001651468	HTM79P3E	Helmet Format Headset, 230 ohm, 3.5mm Mono, SLC80 29 dB (Class 5)

3M™ Peltor™ High Attenuation Flex Lead Headset

- Flex lead to different communications radios, DECT and mobile phones.
- Uses HY79 Hygiene Kit.

3M Order Code	Model #	Description
XH001661137	MT53H79A-77	Headband 230ohm dyn.mic J11 SLC 80 31dB (Class 5)
XH001676234	MT53H79B-77	Neckband 230ohm dyn.mic J11 SLC 80 26dB (Class 5)
XH001661301	MT53H79P3E-77	Helmet 230ohm dyn.mic J11 SLC 80 29dB (Class 5)

Communications

3M™ Peltor™ High Attenuation ATEX approved Headset

- Intrinsically safe to ATEX Class EEx ib IIC T4.
- Standard J11 connection.
- Uses HY79 Hygiene Kit

3M Order Code	Model #	Description
XH001661988	MT7H79F-50	Folding Headband 230ohm J11 SLC 80 31dB (Class 5)
XH001661947	MT7H79B-50	Neckband 230ohm J11 SLC 80 26dB (Class 5)
XH001662010	MT7H79P3E-50	Helmet 230ohm J11 SLC 80 29dB (Class 5)

3M™ Peltor™ CH-5 Ultra High Attenuation Headset

- High attenuation on impact noise
- Highest noise attenuation in the market*
- Water tight microphone (IP68)
- Robust construction, easy to maintain
- EARFit testing

3M Order Code	Model #	Description
UU008027532	MT73H450A-38	Headset, Headband, Grey, J11 Peltor SLC 80 37dB (Class 5)
UU008027565	MT73H450A-86	Headset, Headband, Grey, J11 NATO SLC 80 37dB (Class 5)
UU008027557	MT73H450A-77 GB	Flex Headset, Headband, Hi-Vis, J11 Peltor SLC 80 37dB (Class 5)
UU008027573	MT73H450P3E-77 GB	Flex Headset, Helmet, Hi-Vis, J11 Peltor SLC 80 37dB (Class 5)
UU008117143	MT73H450A GB	Headset, Headband, Hi-Vis, J11 Peltor SLC 80 37dB (Class 5)
UU008117184	MT73H450P3E GB	Headset, Helmet, Hi-Vis, J11 Peltor SLC 80 37dB (Class 5)

EarFit Validation

3M™ E-A-Rfit™ Dual-Ear Validation System utilizes F-MIRE technology to measure and obtain an objective, quantitative level of employee hearing protection in just 5 seconds per ear. Workers receive their own personal attenuation rating (PAR) and learn how correctly inserting earplugs can increase their level of protection.

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

Get results you can trust. The E-A-Rfit™ Dual-Ear Validation System measures the effectiveness of the hearing protection from inside the employee's ear, providing accurate, quantitative results. And because you can simultaneously test both ears, you'll have more time to educate employees on the importance of fit and compliance.

① Fit.

Have the employee insert their earplugs or put on their earmuffs.

② Test.

Connect to microphones and begin speaker test sound.

③ Assess.

Use PAR to customize hearing protector selection.

The challenge of hearing protection.

How do you know if your workforce is protected?

Protecting workers from hazardous noise levels is an ongoing challenge for many organizations. One of the most commonly recorded occupational illnesses in the manufacturing sector is permanent hearing loss. The success of your safety program depends on many factors and requires more than just offering hearing protection.

Individual Fit Testing Using F-MIRE

Using F-MIRE (Field Microphone-In-Real-Ear) technology, the E-A-Rfit™ Dual-Ear Validation System generates a

Personal Attenuation Rating (PAR) less than 5 seconds for both ears, taking into account the seven standard measured testing frequencies.

- Measures how well 3M's most popular earplugs, earmuffs and communications headsets perform
- Delivers a quantitative measurement of personal noise reduction for each employee
- Can help identify whether or not the employee has adequate protection

These earplug styles cover fit validation testing for more than 90 different 3M earplug and earmuff products.

E-A-Rsoft™ Yellow Neons™ Large

E-A-Rsoft™ Yellow Neons™

UltraFit™

Push-Ins™

Classic™

E-A-Rsoft™ FX™

E-Z-Fit™

TaperFit™

Classic™ Small

Express™

Classic™ Plus™

1100

Tri-Flange™

Skull Screws™

No-Touch™

Push-Ins™ with Grip Rings

393-3000-2

393-3005-2

Model #	Description
393-2000-50	E-A-Rsoft Yellow Neons Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2001-50	UltraFit Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2002-50	Push-Ins Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2003-50	Classic Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2004-50	E-A-Rsoft FX Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2006-50	TaperFit Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2007-50	Classic Platinum Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2008-50	Express Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2010-50	1100 Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2011-50	Tri-Flange Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2012-50	Skull Screws Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2013-50	No Touch Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2014-50	E-A-Rsoft Yellow Neons Large Probed Test Plugs 10 pairs/bag, 5 bags/case
393-2015-50	E-A-R Push Ins with Grip Rings Probed Test Plugs 10 pairs/bag, 5 bags/case
393-3005-2	Peltor X4/X5 Test Probe Kits 1 pair/case

Head Protection

The 3M™ head protection portfolio offers an unrivalled range of products for companies looking for comfortable and high-quality solutions to meet a variety of industrial applications. Most 3M™ safety helmets are Australian Made and can be customized with a wide range of accessories and options including custom logo printing, reflective tape, hearing protectors, faceshields and more.

Making sure you are covered under any circumstances.

About the range

The 3M head protection portfolio offers an unrivalled range of products for companies looking for comfortable and high-quality solutions to meet a variety of industrial applications.

All 3M™ safety helmets are Australian Made*.

MADE IN AUSTRALIA

Certified combination

Where accessories are being used, they should be fully compatible to the safety helmet worn. There are a wide range of accessories which can be fitted to a safety helmet to make it more suitable for variable working conditions.

Examples of accessories are chinstraps, face shields, earmuffs and miners lamp brackets. Care should be taken to ensure that any accessories attached to the safety helmet are compatible.

The range of 3M™ safety helmets are compatible with the same brand hearing, eye and face protection.

*Excludes - XH001675053 G2000NUV-VI Safety Helmet Uvicator with Ratchet Harness White and XH001655758 G2000 CUOR31V4-C-01 Lumberjack Combo

Which type of safety helmet?

The scope of AS/NZS 1801:1997 standard specifies requirements for occupational protective helmets to protect wearers heads from falling objects in building and construction, quarrying, shipbuilding, forestry, and other occupations with similar hazards. These requirements include the construction and materials of the helmet shell and head harness, mechanical strength of the shell and finish of the helmet. All 3M™ safety helmet shells are made from premium impact resistant ABS plastic or polycarbonate.

In compliance with the standards, objectives to specify protective helmets that are to be worn in a variety of occupations, 3M™ safety helmets are classified into three types:

● Type 1 General industrial safety helmets
● Type 2 Helmets intended for high temperature applications
● Type 3 Helmets intended for bushfire fighting

The Australian and New Zealand Standard AS/NZS 1801 classifies Occupational Safety Helmets into three types that must meet the following requirements:

Classification	Shock Absorption	Penetration by Striker	Side Stiffness	Electrical Resistance	Resistance to Ignition	Very Hot Temp. 120°C	Extremely High Temp. 200°C	Thermal Performance of Shell	Retaining Chin Strap Strength
TYPE 1 General industrial	✓	✓	✓	✓	✓	-	-	-	-
TYPE 2 Hot work places	✓	✓	✓	✓	✓	✓	✓	✓	-
TYPE 3 Bushfire fighting	✓	✓	✓	✓	✓	✓	✓	✓	✓

What is the working life of a safety helmet?

This is one of the most commonly asked questions asked. All information pertaining to selection, care and use is available in AS/NZS 1800:1998.

Markings on safety helmets are a requirement for certification. It assists users in identifying their intended use. The shell is moulded with very important information stamped on the peak and you should familarise yourself with the significance of this labelling.

Replace your hard hat at regular intervals - hard hats don't last forever, even with proper care, wear and tear is inevitable, as a result AS/NZS 1800:1998 3.4 states that the average service life for a safety helmet is three years from time of issue or earlier if the helmet has changed in colour, exhibits any signs of wear or damage due to impact or deterioration. Head harnesses should be changed at least every 2 years of use.

If the sticker has been removed or unused, replace the helmet three years from the manufacture date stamp, which can be found under the brim or peak of the helmet. In the centre of the stamp is the year with a directional arrow pointing to the month of the year in which the helmet was made.

● All helmets have a date of issue sticker.
● The user should record their name and date of issue in the space provided.
● Safety helmets should be inspected regularly to ensure harness is correctly fitted and secure.
● Safety helmet shell should be visually examined for cracks, gauging, fading, damage caused by impact and any degradation.
● If deemed unfit for use remove from service and replace.
● Accessories and attachments must be compatible.
● All 3M Brand combinations are certified.

Helmet label allows date of issue and user name to be recorded.
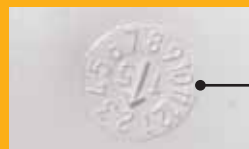
Year and month of manufacture stamp

Helmet material stamp

Head Protection

Caring for safety helmets

All Industrial Safety Helmet have been designed to protect the wearer from impact and electrical hazard (up to 650V), therefore, for the helmets to provide ongoing protection the correct care of the helmet is essential.

The design should not be modified or altered by:
- Drilling holes in the shell
- Painting the shell
- Reducing the clearance between the shell and the harness by alteration or installing objects inside the helmet
- Not using the correct harness supplied by the manufacturer
- Fitting of non-certified accessories to the helmet.

Avoid:
- Using the helmet for other than its design purpose - seats, wheel chocks etc.
- Excessive use of chemicals such as repellents, strong cleaning agents etc.
- Wearer alteration e.g.: engraving of names, painting, fitting penholders/cigarette lighters etc.
- The build up of dirt, grease etc - ensure cleaning at least weekly.
- Poor storage and unnecessary exposure to the weather and solar radiation - leaving outside when not in use or storage in the back of an open vehicle.
- Holding the cap by its brim and flexing it. This will weaken the brim and cause fatigue in the safety cap.

All these have the potential to damage or weaken the helmet and cause unseen deterioration of the shell and its harness.

Storage

Poor storage can impact on the working life of the 3M™ safety helmet. Exposure to heat, sunlight and airborne contamination can cause premature aging. It is important to ensure safety helmets are stored in an area, locker or bag free of possible damage.

Cleaning

✓ Wash with warm soapy water

✓ No harsh solvents or cleaning agents

✓ Use dishwashing brush for stubborn marks

✗ Avoid petrol, paint, adhesives and aerosol sprays

✗ Wash harness separately No alterations

✗ Visual inspection weekly No rough treatment

✗ Do not place objects between shell and harness

Mandatory head protection

Many worksites around Australia have a requirement for mandatory head protection to be worn. Industries such as mining, construction, forestry and heavy engineering can expose employees to dangerous hazards and the risk of being severely injured by falling objects, knocking your head or walking into a stationary object. The wearing of a safety helmet in these working environments is essential to worker safety.

Additional considerations

- The selection process should consider the work place operational, occupational health and safety requirements to ensure the correct helmet type and appropriate accessories are selected.
- Ensure the wearer understands the purpose/reason for the need to wear a safety helmet.
- The wearer is instructed on the fitting and care of the helmet and or accessories.
- Periodic inspection and maintenance is carried out to ensure the helmets are in good working condition and defective helmets and components or helmets that have exceeded a reasonable working life are replaced.

Damage

Safety helmets can endure invisible damage due to excessive exposure to sunlight, head, solvent based paints, markers or cleaning products or inappropriate adhesive application. 3M™ recommends the use of only approve adhesives and 3M™ also offers reflective tape and custom printing of helmets at time of manufacturing.

Bump caps are not an alternative to mandatory safety helmets.

- Bump caps are effective against knocks, bumps and scalp lacerations.
- Bump Caps are ideally suited for some trades activities, domestic security, police, aviation, ground staff, transport services and auto-repair etc.

Comfort and correct fit

The 3M™ safety helmet range places wearer comfort at the same level of importance as features and performance.

Learning how to adjust straps and other parts on your safety helmet for a comfortable and effective fit is essential for adequate head protection and product performance.

Multiple adjustments can be made on 3M™ safety helmets to personalise fit.

In fact, there are over twenty-four variations, including adjustments to allow for forehead size either moving the headband forward, back, up and down (four-way adjustment) on the four lug suspension points.

Ratchet

Ratchet headband provides easier and quicker adjustment. The ratchet adjustment allows custom, on-head sizing.
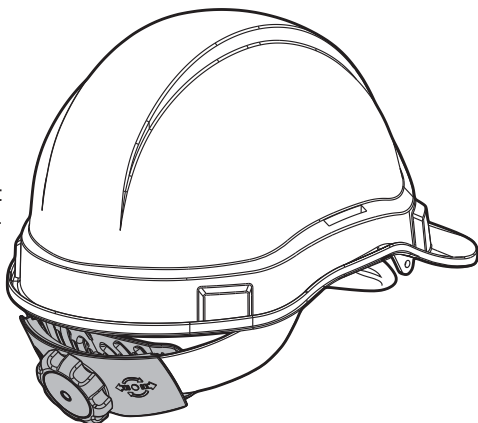
Features

- Fully compatible with our current headgear and harness.
- No screw is needed during the assembly process, the knob tightness will be consistent.
- It can be easily assembled by end user without any tool
- Increase user comfort level in the work with additional pad.
- Customize printing can be applied on the ratchet knob.
- Ratchet Adjustment indicator.

Correct fit

To provide adequate protection to the wearer the helmet should be a comfortable, secure fit.

- The headband size should be adjusted to a firm, but not tight fit on the wearers head.
- For wearers with small head sizes the head harness may need adjustment to provide a better balanced fit.
- The peak (cap style) for general wear should be worn at the front and the cap aligned horizontally.
- The accessories selected should attach securely to the helmet and not adversely affect the balance, comfort or the performance of the helmet. A helmet worn in conjunction with a visor holder and visor may require a ratchet headband to be fitted to the helmet to maximise fit security and balance. Further Considerations

Other workplace hazards may need to be considered during the safety helmet selection process.

- High Noise (Hearing Protection) - The suitability of the industrial safety helmet to be used in conjunction with earmuffs.
- High Wind Areas or when used with Machinery (eg Bulldozer) - The use of a ratchet adjustment headband and/or a chin strap will enhance stability.
- Eye & Face Hazards from Flying Objects, Heat, Splashing Molten Metals & Chemical Splash etc. - Use of suitable protective face and eye shields in conjunction with the helmet (Type 1, 2 or 3) and/or the use of suitable ear and neck protectors.
- Low Light (Tunnels, Mining etc) - The use of suitable lamp attachments, cable clips, reflective tape and other visibility aides.
- Outdoor applications - The use of wide brim attachments, ear and neck protectors, top ventilation in the cap shell and fitment of suitable sweatbands as well as the use of light colours or high visibility colours.
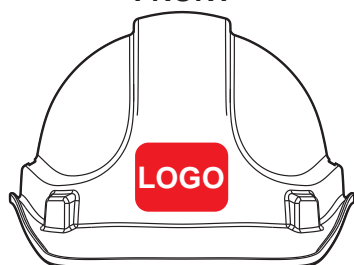
Customisation

Logo printing & branding

Corporate branding and reflective tape options available across the range help to create and maintain company image and visibility on site. 3M safety helmets have been designed to allow customisation with company logos, images and allows for the helmets to be branded with a logo on orders as low as 20 units. There are various logo printing positions and colours available.

3M safety helmets fitted with reflective tape have the advantage of improved visibility, particularly in low light areas and at night. The tapes have been extensively tested to ensure that the adhesive is fully compatible with ABS (Acrylonitrile Butadiene Styrene) and polycarbonate materials. The different shapes and patterns have been designed to fit the helmets and enhance the day and night-time visibility of the wearer. Most patterns have been designed to also fit around safety helmet accessories such as hearing protection, lamp brackets and company logo.

LOGO PRINTING & BRANDING
SHOWN TA500 SERIES - CAP PRINTING IS SIMILAR ACROSS ALL HELMETS

FRONT **SIDE** **REAR**

LOGO LOGO LOGO
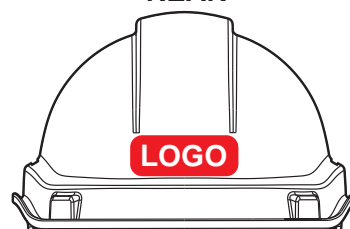
THE LOGO DIMENSION DEPENDS ON:
1. SHAPE OF LOGO/ARTWORK   **2. STYLE OF CAP**   **3. PRINTING POSITION**

MIN 20 UNITS EACH ORDER   **VARIOUS COLOURS OF INK**   **PREMIUM QUALITY CERTIFIED**

Reflective tapes

Improved visibility, 3M™ safety helmets fitted with reflective tape have the advantage of improved visibility, making it easier to see where people are working, particularly in low light areas at night. The tapes used by 3M™ have been extensively tested to ensure that the adhesive is fully compatible with the ABS and Polycarbonate 3M™safety helmets.

The different shapes and patterns have been designed to fit the helmets and enhance the day time and night time visibility of the user. Most patterns have been designed to also fit around safety helmet accessories such as lamp brackets and company logos. Reflective tapes are certified to AS/NZS 1906.1

REFLECTIVE TAPES
SHOWN TA500 SERIES - TAPE FITTING IS SIMILAR ACROSS ALL HELMETS
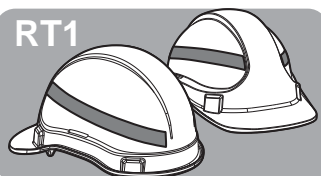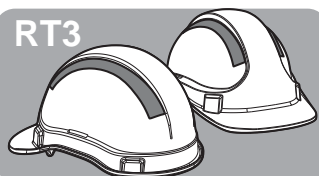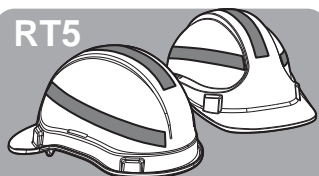
RT1   **RT3**   **RT5**   **RT7**
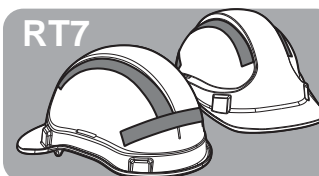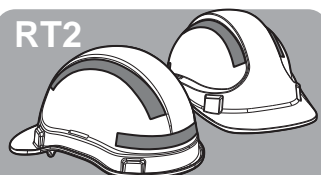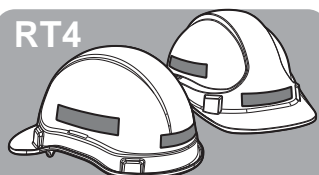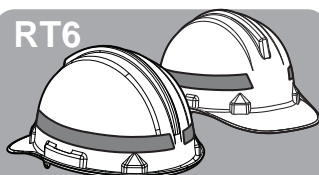
RT2   **RT4**   **RT6**   **MORE STYLE AVAILABLE**

THE DIFFERENT SHAPES AND PATTERNS HAVE BEEN DESIGNED TO FIT THE HELMETS AND ENHANCE THE DAY AND NIGHT TIME VISIBILITY OF THE USER. MOST PATTERNS HAVE BEEN DESIGNED TO ALSO FIT AROUND SAFETY HELMET ACCESSORIES SUCH AS LAMP BRACKETS AND COMPANY LOGOS. REFLECTIVE TAPES ARE CERTIFIED TO AS/NZS 1906.1
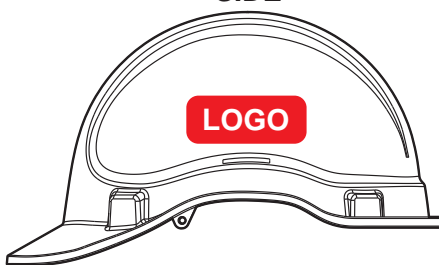
3M™ TA570
Safety Helmet ABS Vented

The Australian made TA570 is a vented ABS Type 1 safety helmet ideal for general industrial, construction and mining applications. The unique crown cooling vented safety helmets ensure cooler and more comfortable protection in hot humid conditions. The safety helmet design allows multiple branding and reflective tape options.

Features and Benefits:

- ABS Type 1 vented safety helmet
- Australian made
- Unique crown cooling vents for outdoor/indoor use
- 6 point terylene harness with adjustable headband
- Replaceable Terry Towel sweatband (TA094)
- 25mm moulded slots accept all safety helmet accessories
- Polycarbonate & metal lamp bracket options available
- Ideal for general industry, construction, mining and forestry
- Certified to AS/NZS 1801:1997

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010705674	TA570:BL	Vented Blue
AT010705708	TA570:FLOR	Vented Fluro Orange
AT010705724	TA570:FLYE	Vented Fluro Yellow
AT010705732	TA570:GN	Vented Green
AT010705740	TA570:GY	Vented Grey
AT010705823	TA570:OR	Vented Orange
AT010705831	TA570:RD	Vented Red
AT010705856	TA570:WA	Vented Watermelon
AT010705864	TA570:WH	Vented White
AT010705872	TA570:YE	Vented Yellow
AT010705898	TA570M:BL	Vented Blue
AT010672577	TA570M:OR	Vented Orange
AT010705906	TA570M:WH	Vented White
AT010705914	TA570M:YE	Vented Yellow
AT010705880	TA570L:WH	Vented White
AT010674698	TA570L:YE	Vented Yellow
AT010706169	TA570RH:OR	Vented Orange
AT010692880	TA570RH:RD	Vented Red
AT010706201	TA570RH:WH	Vented White
AT010706276	TA570RH:YE	Vented Yellow
AT010672635	TA570RH:BL	Vented Blue
AT010706136	TA570RH:FLYE	Vented Fluro Yellow

3M™ TA550 Safety Helmet

- ABS Type 1 safety helmet
- Australian made
- 6 point polyethylene harness
- Replaceable Terry Towel Sweatband (TA094)
- 25mm moulded slots accept all safety helmet accessories
- Ideal visitors safety helmet
- Certified to AS/NZS 1801:1997

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010689894	TA550:BL	Blue
AT010704396	TA550:FLOR	Fluro Orange
AT010704404	TA550:FLYE	Fluro Yellow
AT010674045	TA550:GN	Green
AT010677196	TA550:OR	Orange
AT010704438	TA550:RD	Red
AT010704461	TA550:WA	Watermelon
AT010704586	TA550:WH	White
AT010704594	TA550:YE	Yellow
AT010704669	TA560:BK	Plastic Black

3M™ TA580 Safety Helmet Polycarb (Heat)

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010706300	TA580:WH	Unvented White
AT010706318	TA580:YE	Unvented Yellow
AT010706292	TA580:FLLM	Unvented Fluro Lime

3M™ TA590 Safety Helmet Polycarb (Heat)

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010706607	TA590:WH	Vented White
AT010706706	TA590:YE	Vented Yellow
AT010669771	TA590:FLYE	Vented Fluro Yellow
AT010676768	TA590:FLLM	Vented Fluro Lime

3M™ TA560 Safety Helmet Abs

- ABS Type 1 safety helmet
- Australian made
- 6 point terylene harness with adjustable headband
- Replaceable Terry Towel sweatband (TA094)
- 25mm moulded slots accept all safety helmet accessories
- Polycarbonate & metal lamp bracket options available
- Ideal for general industry, construction and mining
- Certified to AS/NZS 1801:1997

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010704669	TA560:BK	Plastic Black
AT010704909	TA560:BL	Blue
AT010705070	TA560:FLOR	Fluro Orange
AT010705096	TA560:FLYE	Fluro Yellow
AT010705104	TA560:GN	Green
AT010705112	TA560:GY	Grey
AT010705138	TA560:OR	Orange
AT010705153	TA560:RD	Red
AT010705179	TA560:WA	Watermelon
AT010705187	TA560:WH	White
AT010705195	TA560:YE	Yellow
AT010687005	TA560RH:BL	Black
AT010705690	TA560RH:OR	Ratchet Headgear Orange
AT010677360	TA560RH:RD	Ratchet Headgear Red
AT010686999	TA560RH:WA	Ratchet Headgear Watermelon
AT010705476	TA560RH:WH	Ratchet Headgear White
AT010682121	TA560RH:YE	Ratchet Headgear Yellow
AT010689043	TA560M:BL	Metal Lamp Bracket Blue
AT010705419	TA560M:FLOR	Metal Lamp Bracket Fluro Orange
AT010687765	TA560M:FLYE	Metal Lamp Bracket Fluro Yellow
AT010668443	TA560M:GN	Metal Lamp Bracket Green
AT010688490	TA560M:GY	Metal Lamp Bracket Grey
AT010705617	TA560M:OR	Metal Lamp Bracket Orange
AT010705435	TA560M:RD	Metal Lamp Bracket Red
AT010705443	TA560M:WH	Metal Lamp Bracket White
AT010705450	TA560M:YE	Metal Lamp Bracket Yellow
AT010677709	TA560L:BL	Polycarbonate Lamp Bracket Blue
AT010680281	TA560L:GN	Polycarbonate Lamp Bracket Green
AT010705385	TA560L:GY	Polycarbonate Lamp Bracket Grey
AT010705559	TA560L:OR	Polycarbonate Lamp Bracket Orange
AT010685983	TA560L:RD	Polycarbonate Lamp Bracket Red
AT010705401	TA560L:WH	Polycarbonate Lamp Bracket White
AT010671348	TA560L:YE	Polycarbonate Lamp Bracket Yellow
AT010705484	TA560RT1:WH	Style 1 Reflective Tape White
AT010667288	TA560RT2:BL	Style 2 Reflective Tape Black
AT010705534	TA560RT2:FLOR	Style 2 Reflective Tape Fluro Orange
AT010705567	TA560RT2:FLYE	Style 2 Reflective Tape Fluro Yellow
AT010705609	TA560RT2:WH	Style 2 Reflective Tape White
AT010705625	TA560RT2:YE	Style 2 Reflective Tape Yellow
AT010688334	TA560MRH:WH	Metal lamp bracket, cable clip & ratchet headgear - White

3M™ HH40 Type 1 ABS

- HH40 Non-vented, Type 1 ABS material, durable and lightweight
- Full brim for extra sun or splash protection
- Six point 25mm webbing harness with injection moulded adjustable headband
- Customised options available: logos, reflective tape
- Accessories available: sweatband, chinstrap, headgear
- Optional model: helmet with miners lamp brackets (metal or polycarbonate)
- Available on request (minimum order quantities may apply)
- Fluoro yellow and orange colours available on request (minimum order quantities apply)
- Suitable for mining, construction, transport, forestry and heavy engineering industries

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010703455	HH40:WH	White
AT010703463	HH40:YE	Yellow
AT010703448	HH40:RD	Red
AT010703430	HH40:OR	Orange
AT010703414	HH40:BL	Blue
AT010703422	HH40:GN	Green
AT010694290	HH40:GY	Grey
AT010703505	HH40L:WH	With Polycarb lamp bracket - White
AT010676990	HH40L:YE	With Polycarb lamp bracket - Yellow
AT010703554	HH40M:OR	With metal lamp bracket - Orange
AT010703562	HH40M:WH	With metal lamp bracket - White

3M™ HH44 Type 2 Non-Vented Full Brim Safety Helmet

- HH44 Non-vented, Type 2 Polycarbonate for high temperature applications
- Full brim for extra sun or splash protection
- Six point 25mm webbing harness with injection moulded adjustable headband
- Customised options available: logos, reflective tape
- Accessories available: sweatband, chinstrap, headgear
- Optional model: helmet with miners lamp brackets (metal or polycarbonate)
- Available on request (minimum order quantities may apply)
- Fluoro yellow and orange colours available on request (minimum order quantities apply)
- Suitable for mining, construction, transport, forestry and heavy engineering industries

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010703604	HH44:WH	3M™ Polycarbonate 1 (Type 2) - White
AT010687476	HH44:GN	3M™ Polycarbonate 1 (Type 2) – Green
AT010694308	HH44:RD	3M™ Polycarbonate 1 (Type 2) – Red
AT010703596	HH44:OR	3M™ Polycarbonate 1 (Type 2) – Orange
AT010703620	HH44SLV	3M™ Tuffmaster 1 ABS (Type 1) – Silver

3M™ HF46: Type 3 Bush Fireman's Helmet

- Type 3: lightweight polycarbonate heat resistant wide brim helmet
- Wide brim for added ember and splash protection
- Flame resistant neck flap offers protection from embers and radiant heat
- Integrated hanging hook for storage
- Fitted with neck flap, elastic chinstrap and reflective tape as standard
- HF46B Models incorporate hearing protector mounting slots*
- Front and rear harness sweatbands as standard
- Available with or without visor
- Available in elastic or 4-point chinstrap
- Customised logo options available
- Accessories available: sweatband, chinstrap, headgear
- Ideal for firefighting, emergency response and high temperature tasks
- Approved to AS/NZS 1801:1997

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010624131	HF46B:WH	Bushfire helmet w/2 point elastic chinstrap White -
AT010686486	HF46BV:YE	Helmet complete w/elastic chin strap & visor Yellow-
AT010703356	HF46BV:RD	Bushfire helmet w/chin strap & visor Red -
AT010703349	HF46BV:BL	Bushfire helmet Blue 0238 7029
AT010703349	HF46BV:OR	Bushfire helmet Orange 0238 7063 H

Accessories for HF46

XVPS46

HXNFPC4

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010703844	XVPS46	HF46 Short visor 100mm x 400mm Clear
AT010682220	HXVPL46	HF46 Long visor 165mm x 400mm Clear
AT010703786	HXNFPC4	HF46 Flame resistant neckflap Yellow
AT010683681	HXVPC46	Polycarbonate visor suits HF46 helmet Clear

3M™ HF44: Type 3 Bush Fireman's Helmet

- Type 3 lightweight polycarbonate heat resistant wide brim helmet
- Wide brim for added ember and splash protection
- Flame resistant neck flap offers protection from embers and radiant heat
- Fitted with neck flap, elastic chin strap and reflective tape as standard
- Available with or without visor
- Customised logo options available
- Suitable for firefighting, emergency response and high temperature tasks
- Approved to AS/NZS 1801:1997

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010703299	HF44:WH	White
AT010694779	HF44:OR	Orange
AT010679549	HF44:YE	Yellow
AT010703307	HF44P:WH	With brim holes (Type 3) - White
AT010703315	HF44P:YE	With brim holes (Type 3) - Yellow
AT010669508	HF44V:WH	With visor (Type 3) - White

3M™ HC23 First Base 3 Bumpcap

- Available in assorted colours and peak lengths
- Fashionable and lightweight providing high wearer acceptance
- Unique perforated vented shell with comfort pad
- Contoured over the ears improves compatibility with other PPE
- Machine washable fabric caps
- CE approved to EN812:A1
- Protects the head from knocks, bumps and scalp lacerations
- Must not be used for mandatory safety helmet applications
- Hi-vis options available
- 52 – 65cm head size

3M Order Code	Model #	Description
AT010654716	HC23BGELTRP	Base Bump Cap 3 Blue Grey Reduced Peak
AT010654724	HC23BLKRPCLA	Base Bump Cap 3 Black Reduced Peak Clssc
AT010654732	HC23HORPCLA	Base Bump Cap 3 Hi Vis Orange Reduced Peak
AT010654740	HC23HYRPCLA	Base Bump Cap 3 Hi Vis Yellow Reduced Peak
AT010654757	HC23NBMPCLA	Base Bump Cap 3 Navy Blue Micro Peak
AT010654765	HC23NBRPCLA	Base Bump Cap 3 Navy Blue Reduced Peak

3M™ Safety Branded Safety Helmets

- Australian made Type 1 ABS safety helmet, for general industrial use
- Ideal for evacuation and work sites where specific employee responsibilities and clear identification is required
- Certified to AS/NZS 1801:1997

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010705260	TA560F04:GN	First Aid Green
AT010705203	TA560C92:WH	Chief Fire Warden White
AT010705468	TA560R27:RD	Fire Warden Red
AT010705641	TA560W30:YE	Area Warden Yellow
AT010705633	TA560V01:WH	Visitor White

3M™ Wide Brim and Neckflap

- Accessory to any safety helmet
- Provides sun protection for the face and neck
- Ideal for outdoor workers specifically construction, forestry, electrical maintenance, mining, oil and gas exploration and general industry

3M Order Code	Model #	Description
AT010659426	TA173:BK	Black
AT010659434	TA173:GN	Green
AT010659459	TA173:OR	Orange
AT010659467	TA173:RD	Red
AT010659475	TA173:WH	White
AT010659483	TA173:YE	Yellow
AT010659442	TA173:NA	Navy

3M™ HC36 Bumpmaster

The Bumpmaster is a wipe clean, polyethylene bump cap, designed to protect against head bumps and scalp lacerations. Suited to applications where cleanliness in conjunction with bump protection are the prime considerations, eg. in the food preparation industry.

MADE IN AUSTRALIA

3M Order Code	Model #	Description
AT010701814	HC36:WH	White
AT010701822	HC36:YE	Yellow
AT010701806	HC36:RD	Red
AT010701798	HC36:BL	Blue

3M™ Balaclava

- Hook and loop attachment lugs – easy fitting to helmet harness
- Integrated neckflap design for added warmth
- Balaclava rotates with helmet for improved safety and helmet stability
- Suitable for forestry, construction, plant operators, cold storage, freezer or cold weather workers

3M Order Code	Model #	Description
AT010659509	TA179	Balaclava For Use Under Helmet

Head Protection

3M™ Wide Brim with Neckflap - Earmuff Compatible

- Innovative patented design
- Ideal for outdoor workers for added protection against the sun
- Suitable for use with Safety helmets and earmuffs

3M™ Visor Holders for Safety Helmets

3M Order Code	Model #	Description
AT010707381	VH500	Nylon Visor Holder For TA500 Helmet Visr
AT010707399	VH500P	Nylon Peaked Visor Holder For TA500
AT010659731	VV765	Aluminium Visor Holder For TA500 Helmets
AT010659749	VV766	Aluminium Visor Holder For TA400 Helmets
AT010700006	2010892	Visor Post L Profile T25 Grp
AT010655499	KF010	Visor Holder Hc600 Hc71
AT010655481	KF003	Visor Holder To Suit Hc600 71

3M™ Sweatbands

3M Order Code	Model #	Description
AT010700691	TA094	Sweatband Terry Towelling (7)
AT010701343	TA095	Sweatband Lambswool For Helmets

3M Order Code	Model #	Description
AT010659491	TA177:NA	Wide Brim Neck Flap Earmuff Compatible

3M™ Safety Helmet Accessories

TA170　　　　　TA598　　　　　TA597　　　　　HXSC71

3M Order Code	Model #	Description
AT010659418	TA170	Cotton Neck Flap White
AT010703992	TA175	Chinstrap For TA500 TA400 Series Helmets
AT010704065	TA180	Reflective Tape Kit For Helmets
AT010704362	TA497	Replacement 6 Point Harness For TA400
AT010704370	TA498	Ratchet Headgear For TA400 Series
AT010706714	TA597	Replacement 6 Point Harness For TA500 Se
AT010706730	TA598	Ratchet Headgear For TA500 Series Helmet
AT010700196	HXSC71	Insert Slot Cover For TA500 Helmets

3M™ Cap Attachable Welding Shield

Lightweight injection moulded shell. Fits onto TA500 series safety helmets. Superior balance and coverage. Large lift up lens holder with Shade 10 filter. Shield, cover and chipping lens rated high impact. Ratchet adjustable headgear. Suitable for construction, shipbuilding, heavy fabrication and mining industries.

3M Order Code	Model #	Description
WLC510	AT010708066	Cap Attach Welding Shield Sh10 Filter
WCL119	AT010659822	Repl Polycarb Cvr Chipping Lens 110X90mm
WF119:10	AT010659830	Repl Shade 10 Welding Filter 110Mmx90mm

3M™ Cap Attachable Welding Helmet

Lightweight injection moulded shell. Fits onto TA500 series safety helmets. Superior balance and coverage. Lift up lens holder. Ratchet adjustable headgear. Supplied with a removable protective shade 10 filter. Suitable for construction, shipbuilding, heavy fabrication and mining industries.

3M Order Code	Model #	Description
WLC535	AT010708074	Cap Attached Welding Helmet

3M™ Peltor™ G2000 Helmet

Attractive design and excellent protection is the best way to summarise the Peltor G2000 helmet. The helmet goes well beyond the requirements for formal testing and is comfortable with its low back and relatively low profile.

It was designed to accommodate additional accessories, visor and hearing protection.

Features and Benefits:

- **Ventilation** - Comfort and good ventilation are a must, particularly in warm environments. The G2000 allows free airflow between the helmet and its harness. Combined with ventilation inlet in the top of the helmet, this helps to increase wearer acceptance
- **Peltor™ Uvicator™ Sensor** - The disc indicates when it's time to replace your helmet
- **Neck protection** - Extended edge on the back of the helmet provides extra protection for the sensitive neck area
- **Headband** - This important feature determines how steadily the helmet sits on the head. Easy to adjust
- **Attachment point for accessories** - An adjustable snap attachment in the balance point of the helmet to allow simple attachment of accessories, such as muffs, headsets and visors
- **Optimal profile for ear muffs** - The G2000 features a special profile design to enable helmet mounted ear muffs to achieve optimal fit and maximum adjustability for individual needs.

3M Order Code	Model #	Description
XH001675053	G2000NUV-VI	Safety Helmet Uvicator with Ratchet Harness White
XH001655758	G2000	CUOR31V4-C-01 Lumberjack Combo

Eye Protection

The portfolio of 3M™ Eye Protection products promises quality eyewear that provides an optimal balance of comfort, protection and design. 3M™'s Engineers have worked hard to ensure that the level of comfort and style matches the standard of protection offered. The 3M™ portfolio offers the highest level of optical class. A broad range of eyewear products include durable anti-scratch and convenient anti-fog coatings.

About the range

Eye Protection products are used in many industries to protect against flying particles, liquids, chemicals, molten metals, radiated head and glare. The 3M™ range of safety spectacles and goggles offer the user protection from eye hazards including medium impact flying fragments.

Our 3M™ safety spectacles and goggles can be used in conjunction with other Personal Protective Equipment products to give you added protection in different situations.

The 3M™ eye protection portfolio offers an unrivalled range of products for companies looking for comfortable and high-quality solutions to meet a variety of industrial applications.

Style
Style is a critical factor when it comes to raising the acceptance of the user to wear personal protective equipment (PPE). 3M™'s range of eyewear gives you a variety of modern and stylish products from which to choose.

Protection
The 3M™ range of eyewear offers high quality optics. Most of the 3M™ glasses and goggles offer reliable UV protection and all are tested and comply with AS/NZS1337.1

Comfort
Many of our products come with adjustable features and soft materials in points of contact in order to improve fit and comfort to accommodate different face sizes and shapes.

Compatibility
Eye protection often needs to be worn in conjunction with other protective equipment and it is essential that comfort and fit with other PPE is maintained. Most of the eyewear and goggle ranges can be used in combination with respiratory and hearing protection by 3M™. Compatibility with other PPE will be subject to a number of variable factors which requires the employer and end user to determine an appropriate selection depending on individual needs.

Human eye

The Cornea in direct contact with an external environment, plays an essential part in the transmission of light rays. There are more nerve endings in the cornea than anywhere else in the body.

The Pupil (light controller), situated in the middle of the iris, works like the diaphragm of a camera. Its diameter changes in accordance with the light levels.

The Lens allows focusing (near vision, far vision) thanks to a control muscle. With age this muscle loses power and impacts near vision (presbyopia). The lens can lose its transparency due to exposure to IR (infrared light) and UV (ultraviolet light), resulting in loss of vision (cataract).

The Retina is where all light beams converge; it transmits all information through the optic nerve to the brain in order to create your vision. Burned retina cells are lost forever which causes irreversible loss of vision.

Industrial hazards for the eyes:

- Mechanical hazards: dust, shock, solid particles.
- Thermal hazards: hot liquid, molten splash, flames.
- Chemical or Biological hazards: splashes of acids, solvents, alkalis, infected blood.
- Radiation hazards: ultraviolet, infrared, visible light, laser.
- Electrical hazards: direct contact, short-circuit electric arc.

Facts on eye damage:

Every day worldwide more than 600 workers suffer from eye injury simply because they do not wear protective eyewear.

Labels: Superior rectus muscle, Vitreous Humour, Blood-vessel, Optic Canal, Optic Nerve, Sclera, Retina, Superior rectus muscle, Aqueous Humour, Pupil, Cornea, Iris, Conjunctiva, Lens, Macula Lutea

Spectrum: 100nm, 280nm, 315nm, 380nm, 400nm, 500nm, 570nm, 600nm, 650nm, 780nm, 1400nm, 2000nm

UVC | UVB | UVA | VIOLET | INDIGO | BLUE | GREEN | YELLOW | RED | NEAR IR | MIDDLE IR

INVISIBLE SPECTRUM - ULTRA VIOLET   VISIBLE SPECTRUM   INVISIBLE SPECTRUM - INFRA-RED

Potential Effects from Exposure to Light and other Radiation

	UVC 100 to 280nm	UVB 280 to 315nm	UVA 315 to 380nm	BLUE LIGHT 380 to 480nm	VISIBLE LIGHT 380 to 780nm	NEAR IR 780 to 1400nm	MIDDLE IR 1400 to 2000nm
Cornea	Conjunctivitis Partial Blindness	Conjunctivitis Partial Blindness	Conjunctivitis Partial Blindness				
Lens	Conjunctivitis	Cataract Premature Ageing	Cataract Premature Ageing			Cataract	Conjunctivitis Partial Blindness
Retina	Conjunctivitis			Partial Blindness Photoretinitis	Vision Problems Discontinous Vision	Retinitis Pigmentosa	

Protection all the way

Eyewear injuries happen when you least expect them.
Be prepared.

We believe that health and safety are the priorities in any working environment, and that greater comfort and modern styles improve worker compliance with regulatory requirements for protective eyewear.

Therefore, we take care in adding comfort features where they are needed most, such as heavy contact areas like nose bridges and temple tips. The materials we choose to provide better comfort are designed to be durable to last and soft to the touch. We are also continually working on new coatings, new materials and new designs to bring the latest technology, innovation and fashion into our protective eyewear line.

What contributes to eye injuries at work?

- **Not wearing eye protection.** Nearly three out of every five workers injured are not wearing eye protection at the time of the accident.
- **Wearing the wrong kind of eye protection for the job.** 40% of the injured workers were wearing some form of eye protection when the accident occurred. However, these workers were most likely to be wearing protective eyeglasses with no side shields.

What causes eye injuries?

- **Flying particles.** Almost 70% of accidents resulted from flying or falling objects or sparks striking the eye. Injured workers estimated that nearly three-fifths of the objects were smaller than a pinhead. Contact with chemicals caused one-fifth of the injuries.

Where do accidents occur most often?

- **Craftwork.** Potential eye hazards can be found in nearly every industry, more than 40% of injuries occurred among craft workers, like mechanics, repairers, carpenters and plumbers.
- **Industrial equipment operation.** Over a third of the injured workers were operators, such as assemblers, sanders, and grinding machine operators. Almost half of these injured workers were employed in manufacturing.

How can eye injuries be prevented?

- **Always wear effective eye protection.** AS/NZ standards require that employers provide workers with suitable eye protection. To be effective, the eyewear must be of the appropriate type for the hazard encountered and properly fitted.
- **Better training and education.** Workers injured while not wearing protective eyewear most often said they believed it was not required by the situation. Even though the vast majority of employers furnished eye protection at no cost to employees, about 40% of the workers received no information on where and what kind of eyewear should be used.
- **Maintenance.** Eye protection devices must be properly maintained. Scratched and dirty devices reduce vision, cause glare and may contribute to accidents. Scratched or damaged eyewear should be replaced immediately.

How to pick the right tinted safety glasses for your job

Safety glasses come in numerous shapes and styles, but do you know how to choose the right tinted safety glasses for your job? Safety glasses are available in many different tints that serve many different purposes, depending on the job at hand and your environment. Tinted safety glasses can help reduce glare, reflect bright light, absorb harmful light, including UV and infrared (IR), and even increase contrast in your field of vision. We're discussing the reasons why selecting the right lens for your specific application is so important and sharing what you need to know about our top four most popular lens tints.

Why does choosing the right lens matter?

Safety

The top reason why lens tint matters comes down to safety. When you're wearing the right colour of tinted lenses, not only will this help protect your eyes from the hazards of the job at hand, your eyes can feel less fatigued from strain that can result from different working conditions. This can result in fewer instances of workers removing eyewear from their face due to discomfort, thereby keeping them safer. It's also important to look for eyewear that meets AS/NZS 1337.1:2010, which means it has passed impact testing and other safety requirements that can help protect your eyes.

Health

The right eyewear can help reduce light sensitivities, eye strain and headaches for wearers. Polycarbonate lenses contain UVA and UVB coatings, which help protect eyes from light conditions that can damage them and increase a wearer's risk of developing eye disease, including cataracts. Different people have different needs, and choosing the right lens tints can be beneficial to a worker's health.

Productivity

Certain lens tints provide contrast and can help workers see fine details better and more easily. This can help workers complete certain tasks more accurately and more quickly.

Comfort

This is one of the most important considerations when choosing a lens tint – and personal protective equipment (PPE) in general! When PPE is comfortable, workers are more likely to wear it and keep it on. This is why 3M produces so many different styles of safety eyewear and encourages sampling different pairs of safety glasses to see what will work for a worker's individual face size and shape. To help objectively measure comfort and fit, we specially developed the 3M™ Eyewear Fit Testing System to help measure gaps and fit around the eyes to promote optimal protection and comfort.

3M™ Protective Eyewear Lens Tints

Clear

It likely isn't a surprise that clear safety glasses are the most popular choice of safety glasses. Luminance transmittance is the highest with clear safety glasses, at 93%. This means that a clear lens allows for the maximum amount of light to pass through the lens, which is beneficial for tasks requiring well-lit environments. Safety eyewear lenses made with polycarbonate will naturally absorb approximately 99% of UVA and UVB light, which provides additional protection to the user. All 3M polycarbonate lenses have been tested to the newest AS/NZS 1337.1:2010 to ensure compliance and safety. Safety glasses with clear lenses are best for everyday use and are appropriate for a wide variety of applications and uses.
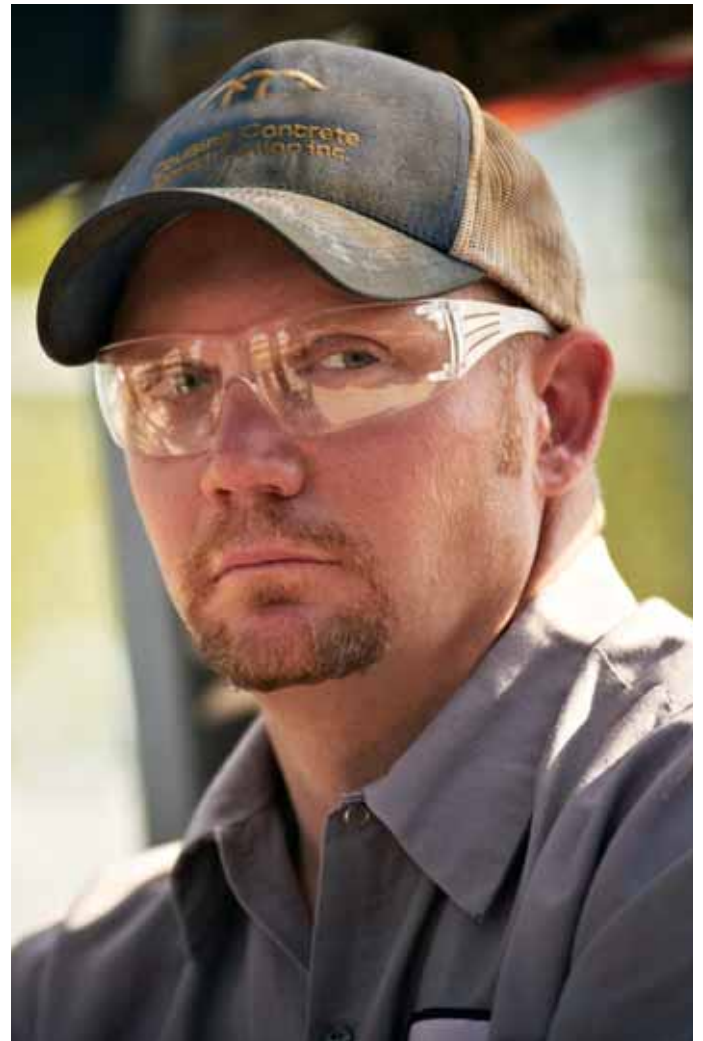
Protective eyewear

Polycarbonate lens selection guide

This Polycarbonate Lens Selection Guide will help you understand the need for different colour lenses and lens types for industrial applications. It will also help you determine what type of lens is best for your application and environment. There are many lens options other than Clear, Grey and Mirror. When choosing a lens, the basic "rule of thumb" is to consider colour opposites.

Lens Colour/Type	Lens Properties/Use	Suggested Applications/Environments
Clear	Maximum amount of light reaches the eye for good vision and acuity.	General everyday eye protection.
Grey, Bronze	Reduces brightness and glare from the sun.	Mainly for outdoor daytime use as in typical sunglass use.
Mirror & Coloured Mirror	Reduces brightness and glare from the sun.	Mainly for outdoor daytime use as in typical sunglass use.
Indoor/Outdoor	Reduces brightness and glare when working both indoors and outdoors.	For tasks requiring frequent movement indoor to/from outdoor. Loading docks, forklift drivers, construction or similar jobs.
Photochromic	Reduces brightness and glare from the sun and indoor lighting.	Lens darkens when outside and lightens when inside. Do not use for frequent indoor to/from outdoor movement.
Polarized	Reduces brightness and glare from the sun.	Exceptional for reducing reflective glare. Mainly for outdoor use.
Yellow/Amber	Increases contrast, reduces haze from blue lighting, excellent UV protection.	Good for inspection tasks and hazy, overcast or foggy days. Never use for night driving.
Filter Shades, Green & Grey	Reduces ultraviolet, visible and infrared radiation.	Predominately used for gas welding, cutting, brazing and soldering, metal making, furnace work and open flames.

Mirror & Coloured Mirror

Indoor/Outdoor

Photochromic

Yellow/Amber

Clear

Polarized

Filter Shades Grey & Green

Grey, Bronze

Lens markings

Markings on eye protectors are a requirement for certification. It assists users in identifying their intended use.

They are identified by the following:

Standard	Lens Marking	Explanations
AS/NZS 1337.1:2010	I = Medium Impact O = Outdoor/Indoor (untinted or amber)	OUTDOOR UNTINTED (FOR INDOOR AND OUTDOOR USE) These protectors are intended for indoor and outdoor use where no optical radiation hazards exist other than solar radiation.
	I = Medium Impact (outdoor tinted, smoke, brown or photo chromatic)	OUTDOOR TINTED These protectors are intended for outdoor use where no optical radiation hazards exist other than solar radiation. They are intended to provide adequate protection against sun glare and ultraviolet radiation from the sun.
	Filter Lenses (green shade 3)	These filter lenses are intended for welder assistant use and provide limited protection against ultraviolet. Infrared and visible radiation. Not suitable for electrical welding.

Impact protection is determined by the metres per second in which a projectile travels. A ballistic test rig fires either a 6.00mm or a 6.35mm projectile ball at speeds from 12m, up to 190m per second dependent on which size projectile is used.

Standard	Rating	Ball Speed 6.00mm	6.35mm	Impact Protection Situations	Type of Protector
AS/NZS 1337.1:2010	Low Impact	12m/sec	12m/sec	Hammering, handling wire, brick chipping by hand	Spectacles
AS/NZS 1337.1:2010	Medium Impact	40m/sec	40m/sec	Grinding, machining metals, woodworking	Spectacles, Eyeshields or lightweight visor systems
AS/NZS 1337.1:2010	High Impact	120m/sec	110m/sec	Concrete cutting, high speed disc grinding, metal cutting	Visor systems only
AS/NZS 1337.1:2010	Extra High Impact	190m/sec	175m/sec	Abrasive shot blasting, ballistic, military, electrical maintenance	Visor systems only

Australian/New Zealand Standards AS/NZS 1336:2014 is an excellent reference document and provides assistance.
Medium impact safety spectacles provide protection from medium energy flying particles. For more information on tinted lenses and compliance testing to AS/NZS 1067 (sunglass standard) contact 3M.

Features selection guide

	Lens Tints or Shades										
	Medium Impact	Clear	Grey	Smoke	Brown	Green	Amber	Sunset	Blue	Shade 3	Shade 5
SAFETY EYEWEAR											
3M™ SecureFit™ Protective Eyewear 400 Series	✓	✓	✓								
3M™ SecureFit™ 200 Series	✓	✓	✓								
3M™ Solus™ 1000 Series	✓	✓	✓								
3M™ Draft Series	✓	✓		✓							
3M™ Helios Series	✓	✓		✓	✓		✓	✓			
3M™ Jasper Series	✓		✓		✓	✓					
3M™ Wasp Series	✓	✓		✓				✓			
3M™ Savanah Series	✓	✓		✓	✓						
3M™ Wolf Series	✓	✓		✓			✓		✓		
3M™ Ecko Series	✓	✓		✓							
3M™ Buster Series	✓	✓		✓			✓		✓	✓	✓
3M™ Bark Hut Series	✓	✓		✓		✓					
3M™ Virtua™AP Classic Line Series	✓	✓	✓				✓				
3M™ 2700 Series	✓	✓									
3M™ 2720 Series	✓	✓									
3M™ Virtua™ Series	✓	✓									
3M™ Maxim™ GT Series	✓	✓	✓								
3M™ Lexa™ Series	✓	✓	✓								
3M™ Light Vision II™ Series	✓	✓									
3M™ Photochromic™ Series	✓	✓									
3M™ C-View	✓	✓									

		Lens Coatings						Comfort				Adjustability		
	Blue Blocker	I/O Mirror	Anti-Scratch Lens	Anti-Fog Lens	Polarized	UV Protection	Scotchgard™ Coated	Anti-Static	Soft Nose Bridge	Soft Temple Tips	Pressure Diffusion Temple Technology	Dust Guard	Gasket	Replacement Strap
		✔					✔		✔	✔	✔		✔	
										✔				
									✔					✔
				✔	✔	✔			✔	✔				
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3M™ SecureFit™ Protective Eyewear 400 Series

Advanced Technology. 3M™ SecureFit™ Protective Eyewear self-adjusts to the individual wearer, providing comfort that lasts all day.

3M™ SecureFit™ Protective Eyewear 400 Series comes with a variety of features, because having options in protective eyewear can be critical. Workers can choose from several lens coating options, including 3M™ Scotchgard™ Anti-fog, and features like a removable foam gasket that combines with Pressure Diffusion Temple (PDT) Technology to create a secure and comfortable fit.

Features and Benefits:

Removable foam insert helps keep debris out of your eyes while providing comfort and cushioning.

Soft, adjustable, one-piece nose bridge for an individual comfortable fit.

Polycarbonate lenses absorb 99.9% of UVA & UVB. Meets the requirements of AS/NZS 1337.1:2010.

Dual-injected, padded temple touchpoints for added comfort over the ears.

Motion-inspired, contoured piping in a bold, modern color palette for an infusion of style and cushioning.

Self-adjusting 3M™ Pressure Diffusion Temple Technology ensures a comfortable and a secure fit and prevents slippage.

3M Order Code	Model #	Description
70071676368	SF401AF-AS	Polycarbonate. Clear Lens.
70071695426	SF402AF-AS	Polycarbonate. Grey Lens.
70071695434	SF410AS-AS	Polycarbonate Indoor/Outdoor Mirror Lens.
70071675345	SF-FOAM	SecureFit™ Foam Gasket

3M™ Scotchgard™ Anti-fog Coating Technology. Helps workers see clearly, longer.

- Scotchgard™ Anti-fog Coating lasts longer than traditional anti-fog coatings,* helping to increase eyewear performance in wet and steamy environments
- Workers may enjoy reliable, clearer sight longer, because the coating, with its active ingredient, is bonded to the lens
- The coating retains its effectiveness for at least 25 washings, allowing workers to wear their eyewear longer*
- Workers can feel confident wearing Scotchgard™ anti-fog coated eyewear because it meets the requirements of AS/NZS 1337.1:2010

* Based on 3M internal testing per EN168 test method when compared with traditional anti-fog coatings.
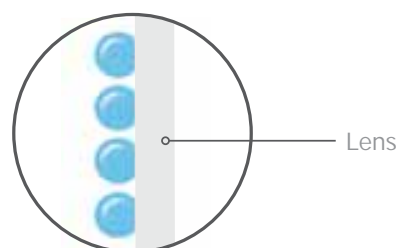
Lens

Uncoated

When microscopic water droplets land on the lenses, they bead up and form condensation and fog, obscuring your vision.

SCOTCHGARD™ 3M

Lens
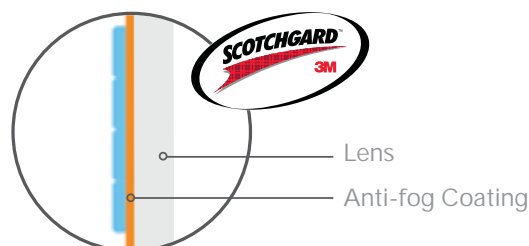
Anti-fog Coating

Scotchgard™ coated

Scotchgard™ Anti-fog Coating produces a reduced-contact angle, flattening the water beads into a thin, transparent film of water that allows light to pass through.

WARNING

These eye and face protection products help provide limited eye and face protection. **Misuse or failure to follow warnings and User Instructions may result in serious potential injury, including blindness or death.** For proper use, selection and applications against flying particles, optical radiation and/or splash, see supervisor, read User Instructions and warnings on the package or call 3M TechAssist helpline 1800 024 464.

3M™ Pressure Diffusion Temple (PDT) Technology helps provide a secure, snug fit, while not compromising comfort.

3M™ SecureFit™ 200 Series

3M™ SecureFit Protective Eyewear features proprietary self-adjusting 3M's Pressure Diffusion Temple Technology – a scientific advancement that helps diffuse pressure over the ear, enhancing frame comfort while at the same time ensuring a secure fit across diverse workforces.

Medium Impact

3M Order Code	Model #	Description
70071676269	SF201AF-AS	Grey Lens
70071695509	SF202AF-AS	Clear Lens

3M™ Solus™ 1000 Series

Slim frame with a stylish and modern look. Strong PC lenses. Lightweight with soft cushioning on nose bridge and padding on temples for increased comfort and stability and when worn.

Medium Impact

3M Order Code	Model #	Description
70071676533	S1201SGAF-AS	With Scotchguard™ Anti-fog coating. Green/Black PC. Clear Lens
70071676541	S1202SGAF-AS	With Scotchguard™ Anti-fog coating. Green/Black PC. Grey Lens
70071694551		Replacement Foam Gasket
70071694569	SOLUS-STRAP	Replacement Strap

3M™ Draft

Sports styled specs with a black/red moulded frame. Side arms feature a sleeved temple grip. Multi fitting nose bridge fitted with soft pads. Comfortable to enhance end user wearer acceptance. Contours closely to the face reducing gaps. 100% UV resistant for outdoor use. Anti-scratch/anti-fog lens coating. Features a bridge bar frame with frontal extrusions called elevators which prevent lens contact with horizontal surfaces. Designed to suit work or recreational applications.

Medium Impact

3M Order Code	Model #	Description
AT010657503	S714C	Black Red Frame Clear Lens
AT010657511	S714M	Blk Red Frame Mirror Gold Lens
AT010657529	S714S	Black Red Frame Smoke Lens

3M™ Helios

Stylish and lightweight. Multiple lens coating options. Contoured nine base anti-static lenses provide excellent fit and coverage. Flexible, vented, pillow-padded, co-moulded side arms for comfort. Dielectric no metal components. Clip on/off dust guard improves cheek to spectacle seal.

Medium Impact

3M Order Code	Model #	Description
AT010657693	S9151	Black Red Vpp5 Clr Lens
AT010657701	S9152	Black Red Vpp5 Smk Lens
AT010657719	S9153	Black Grey Clear Lens
AT010657727	S9154	Black Grey Amber Lens
AT010657735	S9155	Blk Gy Hcaf Brown Lens
AT010657743	S9156	Wh Rd Hcaf Sunset Lens
AT010657750	S9157	Wht Rd Distinction Lens
AT010657768	S9158	Wh Rd Hcaf Clear Lens
AT010659327	SX915DG	Clip On Off Dust Guard

3M™ Jasper

Fashionable and lightweight spectacle. Multi fitting nose bridge fitted with soft pads. Tortoise shell bridge bar frame provides an unobstructed view. Incorporated side shield protection. 2mm polycarbonate lens. Anti-scratch/anti-fog lens coating. Lens options: Clear (UV385 nm), brown and green polarised lens (UV400 nm).

Medium Impact

3M Order Code	Model #	Description
AT010657222	S231B	Tortoise Shell Frame Hcaf Br
AT010657230	S231C	Tortoise Shell Frame Hcaf
AT010657248	S231GP	Tortoise Shell Frame Hc Grn

3M™ Wasp

Stylish and lightweight. Multiple tints options. Contoured nine base anti-static lens. Excellent fit and coverage. Adjustable spectacle strap available. Anti-scratch/anti-fog lens coating.

Medium Impact

3M Order Code	Model #	Description
AT010656984	S0131	Polycarbonate Hcaf Clear
AT010656992	S0132	Polycarbonate Hcaf Smoke
AT010657008	S0133	Polycarbonate Hcaf Sunset

3M™ Savanah

Lightweight polycarbonate spectacle frame. Wrap-around style with flexible side arms and temple grips. Medium impact protection. 100% UV protection for use outdoors. Anti-scratch lens increases durability. Anti-fog (clear only) lens prevents fogging in humid conditions. Suitable for general industry including fabrications, manufacturing, mining and laboratory work

Medium Impact

3M Order Code	Model #	Description
AT010658568	SNN301C	Clear Af Lens Spec
AT010658584	SNN301S	Smoke Lens Spec
AT010658550	SNN301B	Brown Lens Spec
AT010658576	SNN301CDG	Clear Complete With Adhere
AT010658592	SNN301SDG	Smoke Complete With Adhere
AT010659343	SXDG301	Dust Guard

3M™ Wolf

Fashionable sports style. Snug one piece lens. 100% UV protection for outdoor use. Anti-scratch lens increases durability. Clear, smoke, blue mirror, amber lenses.

Medium Impact

3M Order Code	Model #	Description
AT010658600	SNN310	Wolf Smoke Lens Spec
AT010658618	SNN320	Wolf Blue Mirror Lens Spec
AT010658626	SNN330	Wolf Amber Lens Spec
AT010658543	SNN300	Wolf Clear Lens Spec

3M™ Ecko

Ultra lightweight disposable spectacles. One piece wrap-around sports style. Medium impact protection. Low cost. 100% UV protection for use outdoors. Anti-scratch lens increases durability. Suitable for general industry including mining, construction, laboratory workers

Medium Impact

3M Order Code	Model #	Description
AT010658428	SNN170C	Ecko Clear Lens Spec
AT010658444	SNN170S	Ecko Smoke Lens Spec
AT010658436	SNN170CM	Ecko Clear Mirror Lens Spec

3M™ Buster

Fashionable, lightweight and comfortable safety spectacles. Unique floating lens with excellent coverage. Medium impact protection. 100% UV protection for use outdoors. Anti-scratch lens increases durability. Suitable for general industry including manufacturing, engineering, workshops and indoor/outdoor industrial environments

Medium Impact

3M Order Code	Model #	Description
AT010658402	SNN101C	Clear Af Lens Spec
AT010658410	SNN101S	Smoke Lens Spec
AT010658386	SNN101A	Amber Af Lens Spec
AT010658394	SNN101BM	Blue Mirror Lens Spec
AT010658360	SNN101:3	Shade 3 Lens Spec
AT010658378	SNN101:5	Shade 5 Lens Spec

Eye Protection

3M™ Bark Hut

High fashion matt black frame. Lightweight and extremely comfortable. Robust and flexible frame. Hard coat anti-fog (HCAF) coating on selected models. 100% UV protection for outdoor use. Suitable for use with cutting, non hazardous liquids, lathe work, dust, sawing, chipping, riveting, glare and solar radiation. Clip on/off dust guard for dusty working environments

Medium Impact

3M Order Code	Model #	Description
AT010658295	SNN007BB	Blue Blocker Hc Lens Spec
AT010658303	SNN007C	Clear Hcaf Lens Spec
AT010658311	SNN007CDG	Clear Hcaf Lens Spec Dust Guard
AT010658329	SNN007GP	Smoke Graduated Pol Hc Lens Spc
AT010658337	SNN007MG	Mirror Green Hc Lens Spec
AT010658345	SNN007S	Smoke Hcaf Lens Spec
AT010658352	SNN007SDG	Smoke Hcaf Lens Spec Dust Guard
AT010659335	SXDG007	Spec Dust Guard

3M™ Virtua™AP Classic Line Series

Designed with high-wrap polycarbonate lenses and integral sideshields to provide comfortable fit and ultimate protection.

Medium Impact

3M Order Code	Model #	Description
70071649464	11818-00000-100AS	Clear Lens
70071649449	11815-00000-100AS	Grey Lens
70071649456	11817-00000-100AS	Amber Lens

3M™ 2700 Series

Designed for use over prescription glasses

Medium Impact

3M Order Code	Model #	Description
70071649514	2700-00000-100AS	Clear Frame/Clear Lens in Polybag

3M™ 2720 Series

Low profile for comfort with high levels of protection

Medium Impact

3M Order Code	Model #	Description
70071649522	2720-00000-100AS	Blue Frame/Clear Lens in Polybag

3M™ Virtua™ Series

The Virtua™ Series delivers protection with streamlined design, entry level eyewear that is ideal for visitors and temporary workers.

Medium Impact

3M Order Code	Model #	Description
70071561800	10418-00000	Polycarbonate. Clear Lens. Un-coated
70071561826	10420-00000	Polycarbonate. Clear Lens. Anti-Fog coating.

3M™ Maxim™ GT Series

The Maxim™ GT features lightweight elastomeric browguard, a high wrap lens and anti-fog coating for indoor and outdoor use.

Medium Impact

3M Order Code	Model #	Description
70071649357	14246-00000-100AS	Polycarbonate. Clear Lens.
70071649365	14247-00000-100AS	Polycarbonate. Grey Lens.

3M™ Lexa™ Series

Provides a unique combination of performance, comfort, fit, and application versatility.

Medium Impact

3M Order Code	Model #	Description
MS000000820	15300-10000	Black Frame. Polycarbonate Clear Anti-fog Lens

3M™ C-View

Lightweight economical wrap-around spectacle. Medium impact protection. 100% UV protection for outdoor use. Anti-scratch lens increases durability.

Medium Impact

3M Order Code	Model #	Description
AT010658238	SN150	C-View Clear Lens Spec

3M™ Light Vision II™

Wide coverage, wrap-around design protects against flying particulates. Polycarbonate lens protect against UV and impact at extreme temperatures. DX™ anti-fog lenses. Dual hands-free temple lights wivel/adjust for bright directional beams

Medium Impact

3M Order Code	Model #	Description
70071561875	10425-00000	Polycarbonate Clear Lens

3M™ Photochromic™ Series

Lightens and darkens with changing light conditions. Nylon brow and magnesium alloy temples. Spring-hinged temples for a narrow or wide fit. Soft, adjustable nose bridge. Changes from dark to clear in 35 seconds; allows 77.5% light transmission. Changes from clear to dark in 8 seconds; allows just 22% light transmission. Polycarbonate lens with abrasion-resistant hard coat absorbs 99.9% UV.

Medium Impact

3M Order Code	Model #	Description
70071561859	10423-00000	Anti-fog photochromic Clear/Dark Lens.

3M™ GoggleGear™ 500 Series

The 3M™ Goggle Gear, 500-Series is a low-profile design with an adjustable neoprene strap and indirect ventilation. These splash goggles with 3M™ Scotchgard™ Anti-Fog Coating help keep lenses clear in, steamy and wet environments. The Science Behind 3M™ Scotchgard™ Anti-Fog Technology 3M™ Scotchgard™ Anti-Fog Technology brings higher anti-fog performance to safety eyewear, helping workers see more clearly to complete on-the-job tasks. The anti-fogging properties are based on 3M internal testing per EN168 test method when compared to traditional anti-fog coatings. Here is how the anti-fogging properties work. When microscopic water droplets land on lenses without any type of coating, they bead up and form condensation and fog, obscuring your vision.

Features and Benefits:

- 3M™ Scotchgard™ Anti-Fog Coating lasts longer* than traditional anti-fog coatings, helping to increase eyewear performance in wet and steamy environments
- Workers may enjoy reliable, clearer sight longer, because the coating with its active ingredient is bonded to the lens. The coating retains its effectiveness for at least 25 washings with water, allowing workers to wear their eyewear longer
- The coating can be disinfected with diluted bleach soaking or alcohol wipes without losing its anti-fog performance. Washing with soap and water is considered a best practice and can enhance coating durability.
- The coating withstands disinfection with diluted bleach soaking or alcohol wipes without losing its anti-fog performance

3M Order Code	Model #	Description
70071676582	GG501NSGAF-AS	GG500 GoggleGear™ 500 Series with Scotchguard™ Anti-fog coating. Polycarbonate. Clear Lens.
70071675055	GG500-P1	GoggleGear Prescription Insert

3M™ Lexa™ GoggleGear Series

The 3M™ Lexa Splash Goggle has durable polycarbonate lens with DX™ anti fog, hard coating, and an extended viewing range without distortion. Top and bottom vent channels improve air flow to reduce fogging and keep out particulates.

3M™ Fahrenheit™ Goggle Series

Modern, slim-line and lightweight design for excellent fit. Aerodynamic shape with cylindrical lens for 180 degree distortion-free vision. Indirect ventilation system to prevent fog, liquids and dust. Lens absorbs more than 99% UV.

3M Order Code	Model #	Description
70071531621	40170-00000	Polycarbonate Clear Lens
70071531639	40171-00000	Polycarbonate Clear Lens
70071531647	40172-00000	Acetate Clear Lens
70071531654	40173-00000	Black Foam Frame. Polycarbonate Clear Lens

3M Order Code	Model #	Description
70071649555	16645-00000-100AS	Lexa™ GoggleGear™ Series. Polycarbonate. Clear Lens.

3M™ Maxim™ 2×2 Series

Features a modern, lightweight slim design with a nylon frame. Vented for comfort and reduced fogging. Elastic headband for comfortable secure fit. Suitable for a number of different applications where a versatile, comfortable goggle is required. Provides a good fit for smaller faces. Compliance: Meets ANSI Z87.1 and CSA Z94.3 Standards

3M Order Code	Model #	Description
AT010601675	40686-00000	Arms & Strap. Clear Lens

Eye Protection

3M™ Fectoggle™ Goggle Series

3M™ Fectoggle™ Safety Goggles 16412-00000-100AS, Clear Anti Fog Lens, Elastic Headband. The top & bottom vent channels improve air flow.

3M Order Code	Model #	Description
MS000001232	16412-00000-100AS	Polycarbonate Clear Lens

3M™ Neutron Goggle

Wide vision and low profile goggle accommodates multiple facial sizes. Anti-fog and anti-scratch polycarbonate lens. 100% UV protection for outdoor use. Vented. Foam and non-foam bound available. PPE compatible. Medium impact protection. Prescription lens insert holder available.

3M Order Code	Model #	Description
AT010654492	G900	Vented Clear Hcaf
AT010654500	G910	Vented Fb Clear Hcaf
AT010654625	GL900:C	Replacement Clr Lens Hcaf
AT010654708	GX-RX	Prescription Lens Insert
AT010654534	G960	Light Blue Body Vented

3M™ G900 Series Welding Safety Goggle

Wide vision welding goggle. Shade 5 lense and black frame. Anti-fog and anti-scratch lens. Splash proof.

3M Order Code	Model #	Description
G930	AT010654518	Goggle Neutron Blk Welding Sh 5 Nv

3M™ G760BF Compact Goggle

Contours to the face. Compact and low profile goggle. Soft wrap-around TPV body for higher heat resistance. Multi venting. Anti-fog and anti-scratch polycarbonate lens. Medium impact protection. Anti-static lens properties. Foam bound to aid in sealing and maximises wearer acceptability. Suitable for bushfire and wildland fire operations.

3M Order Code	Model #	Description
AT010654476	G760BF	Clear Red TPV Bodgy Bushfire Compact Safety Goggle

3M™ G900 Series Bushfire Goggle

Wide vision and low profile goggle accommodates multiple facial sizes. Soft wrap-around TPV body for higher heat resistance. Anti-fog and anti-scratch polycarbonate lens. Anti-static lens properties. 100% UV protection for outdoor use. Non-vented to prevent egress of smoke or airborne particles that may impede vision. Foam bound to aid in sealing and maximises wearer acceptability. PPE compatible. Suitable for bushfire and wildland fire operations. Medium impact protection.

3M Order Code	Model #	Description
AT010654526	G950	Goggle Bushfire Red Tpv Hcaf Foam Bound

3M™ Wide Vision Clear Antifog Lens Vented

Australian made economy goggle with all round ventilation for greater comfort. Suitable for general use in industry for protection against impact and dust and outdoor 100% UV protection. Medium impact and AS/NZS 1337.1:2010 approved.

3M Order Code	Model #	Description
AT010708082	WV390	Wide Vision Clear Antifog Lens Vented

Face Protection

Faceshields are a versatile eye/face protector and are used in many industries to protect users against flying particles, liquids, chemical and molten splashes, radiant heat and glare. The 3M™ visors are manufactured from Polycarbonate (medium and high impact), Thermoguard+ (high impact and heat, chemical, molten metal and hot solids protection) and mesh (nylon and metal - low to medium impact depending on mesh visor selected). Visors can be fitted to 3M™ browguards or visor holders for use with the 3M brand safety helmets. All 3M™ visors are Australian made.

Face Protection

At 3M™, we help employers deal with safety barriers between workers and the jobs that need to get done. That's the motivation behind our high-performance line of combination systems. These integrated systems provide multifaceted protection in one convenient package. Each component is designed for durability and ease of use – and together, they provide advanced protection from a leader in safety. Consider this system for workers who clear vegetation with power tools.

The 3M™ brand is synonymous with innovation and technical precision. We're at the leading edge of head and face protection because we have our ear to the ground. We understand the nuanced needs of different market segments, and we're constantly elevating the standards of personal safety for a wide range of industries.

We design and produce hard hats, faceshields, combination systems and accessories to meet a diverse spectrum of needs. We're committed to producing consistently reliable, user-friendly products

3M™ Series 2 Economy Earmuff Visor Combo

Advanced protection from a leader in safety.

A combination head, face and hearing protection solution which includes a browguard and polycarbonate visor complete with RB920 Series 2 Class 5 headband earmuff.

The Browguard and polycarbonate visor provides high impact forehead and face protection. Along with resistant to water-based liquids such as biological, acids and weak solvents.

Features and Benefits:

- Resistant to water-based liquids e.g biological, acids and weak solvents
- 1mm polycarbonate visor for low to high impact protection
- Simple size adjustment
- Deep spacious cups add to comfort
- Class 5 29dB(A)
- Certified to AS/NZS 1270:2002 (Earmuff)
- Certified to AS/NZS 1337.1:2010

VV848

RB920PVM

3M Order Code	Model #	Description
RB920PVM	AT010700329	Series 2 Earmuff Polycarb Visor Combo
VV848	AT010707670	Replacement Clear Polycarb Visor Vc105

Browguards & Visors Complete

- Low to high impact protection
- Ratchet headgear adjustment for comfort
- Fits all range of visors
- Replaceable Terry Towel Sweatband (TA094)
- Wipe down finish
- Suitable for general industry against medium to high impact, heat and chemical hazards

VC107

- Low to high impact protection
- Ratchet adjustable headband
- Wide flare 1mm polycarbonate visor with chinguard for extra neck and face protection
- Visor dimensions: 400(w) x 175(h) mm
- Friction pivoting system for lifting and lowering
- Protect wearer against flying particles, liquid, chemical, molten splashes, radiated heat and glare
- Suitable for work such as grinding and disc cutting, lead jointing, metal cleaning and plating, chemical processing, liquid splash and gauging

VC105

VC107

3M Order Code	Model #	Description
AT010707357	VC105	Browguard And Visor Complete Kit
AT010707373	VC107	Browguard Visor And Blue Chinguard Kit
AT010707670	VV848	Replacement Clear Polycarb Visor Vc105
AT010707530	VV518	Repl Clr Polycarb Visor Blue Chinguard
AT010707548	VV518:5	Repl Shd 5 Polycarb Visor Blue Chinguard
AT010700691	TA094	Sweatband Terry Towelling (7)
AT010707977	WA182	Replacement Ratchet Harness For Vv997

3M™ Clear Unbound Economy Visors

- 0.76mm thickness provides medium impact protection
- 1mm thickness provides high impact protection
- Polycarbonate visors have a safe operating temperature of 105°C
- Suitable for resistance to impact and waterbased liquids

3M Order Code	Model #	Description
AT010707639	VV730	1mm Polycarb Clr 200mm x 385mm Visor
AT010654369	FCP200	Polycarbonate Visor 185mm x 360mm

3M™ Budget Faceshield Complete

- Medium impact protection
- Economical Faceshield
- Polycarbonate visor
- Resistant to medium impact particles and water-based liquids e.g. biological, acids, weak solvents
- Suitable for general use or for school laboratories or medical purposes

3M Order Code	Model #	Description
AT010707449	VV230	Budget Faceshield Complete With Visor

3M™ Browguard

High impact glossy nylon shell. Lightweight and comfortable. Ratchet adjustable headgear. Replaceable Terry Towel Sweatband (TA094). Suitable for all general industrial and high heat applications. Visors purchased separately

VV997   TA094   WA182

3M Order Code	Model #	Description
AT010707969	VV997	Browguard Only With Ratchet Headgear
AT010700691	TA094	Sweatband Terry Towelling (7)
AT010707977	WA182	Replacement Ratchet Harness For Vv997

3M™ Visor Holders for Safety Helmets

VH500   VV765   2010892

3M Order Code	Model #	Description
AT010707381	VH500	Nylon Visor Holder For Ta500 Helmet Visr
AT010707399	VH500P	Nylon Peaked Visor Holder For Ta500
AT010659731	VV765	Aluminium Visor Holder For Ta500 Helmets
AT010659749	VV766	Aluminium Visor Holder For Ta400 Helmets
AT010700006	2010892	Visor Post L Profile T25 Grp
AT010655499	KF010	Visor Holder Hc600 Hc71
AT010655481	KF003	Visor Holder To Suit Hc600 71

3M™ Clear 1mm Polycarbonate Visors

- 1mm thickness provides high impact protection
- Polycarbonate visors have a safe operating temperature of 105°C
- Suitable for resistance to impact and waterbased liquids

VV848

3M Order Code	Model #	Description
AT010707670	VV848	Replacement Clear Polycarb Visor Vc105
AT010707803	VV924	1mm Polycarb 250mm x 300mm Visor
AT010707811	VV925	1mm Polycarb 250mm x 400mm Visor Flared

Face Protection

3M™ Clear Thermotuff+ Visors

- Thermotuff+ visors have a safe operating temperature of 125°C
- Thermotuff+ visors provide high impact, radiant heat and chemical splash protection

VV875   VV881

3M Order Code	Model #	Description
AT010707704	VV875	1mm Thermotuff 200mm x 300mm Visor
AT010707712	VV876	1mm Thermotuff 200mm x 400mm Visor Flard
AT010707720	VV881	1mm Thermotuff 250mm x 300mm Visor
AT010707746	VV882	1mm Thermotuff 250mm x 400mm Visor Flard

3M™ Green Shade 2 Visors

- Suitable for outdoor glare
- UV and anti-scratch resistant
- Provides high impact protection

3M Order Code	Model #	Description
AT010707654	VV822	1mm Thermotuff Shd 2 200mm x 400mm Visor
AT010707662	VV824	1mm Thermotuff Shd 2 250mm x 400mm Visor

3M™ Chinguard Visors

- High impact resistant
- Provide additional chin and upper chest protection
- Available in different materials to suit various applications

VV501   VV801   VV515   VV502   VV518

3M Order Code	Model #	Description
AT010707456	VV501	1mm Polycarb Clear 230mm x 400mm Chinguard
AT010707480	VV502	1mm Polycarb Gold 230mm x 400mm Chinguard
AT010707506	VV511	1mm Thermotuff Clear 230mm x 400mm Chinguard
AT010707514	VV515	1mm Thermotuff Shade 5 230mm x 400mm Chinguard
AT010707522	VV516	1mm Polycarb Clear 175mm x 400mm Chinguard
AT010669060	VV517	1mm Thermotuff Clear 175mm x 400mm Chgrd
AT010707530	VV518	Repl Clr Polycarb Visor Blue Chinguard
AT010707548	VV518:5	Repl Shade 5 Polycarb Visor Blue Chinguard
AT010707589	VV520	1.5mm Polycarb Clear 175mm x 400mm Chingrd
AT010707597	VV521	1.5mm Polycarb Clear 225mm x 400mm Chinguard
AT010707647	VV801	1mm Thermotuff Shade 2 230mm x 400mm Chinguard

3M™ Green Shade 5 Visors

- Shade 5 visors gives protection against liquid splash, high glare and ultra violet radiation.
- Approved for use for gas and braze welding operations

3M Order Code	Model #	Description
AT010707753	VV901	1mm Thermotuff Sh5 200mm x 300mm Visor
AT010707761	VV902	1mm Thermotuff Sh5 200mm x 400mm Visr Fl
AT010707787	VV903	1mm Thermotuff Sh5 250mm x 300mm Visor
AT010707795	VV904	1mm Thermotuff Sh5 250mm x 400mm Visr Fl
AT010707837	VV926	1mm Polycarb Sh5 250mm x 400mm Visr Flrd
AT010707845	VV927:5	1mm Polycarb Sh5 200mm x 400mm Visr Flrd

3M™ Mesh Visors

- Depending on the mesh visor selected, they are approved for low to medium impact applications
- Applications include forestry, work sites where radiant heat and fogging exists
- Mesh visors are not recommended for use where molten metal, hazardous liquids are present
- It is recommended additional eye protection is worn when using these types of visors

VV602M
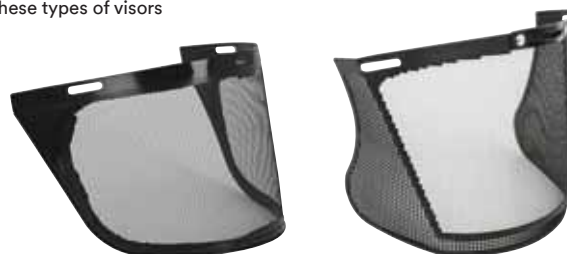
VM820   FCMS

3M Order Code	Model #	Description
AT010659723	VV602M	Metal Mesh Visor 200mm x 300mm
AT010707407	VM820	Aluminium Mesh Visor 150mm x 385mm
AT010654351	FCMY	Nylon Mesh Visor 185mm x 360mm
AT010654336	FCMS	Coated Steel Mesh Visor 185mm x 360mm
AT010654344	FCMSS	Stainless Steel Mesh Visor 185mm x 360mm

3M™ V5 Face shield carrier

The V5 Face shield carrier feature makes it quick and easy to combine the face shield to the face shield holder.

3M Order Code	Model #	Description
XA007704084		V5 Linkage System For Helmet 10/Case

Headgear Combo Forestry

The 3M™ Headgear G500 provides a versatile and comfortable solution for wearers who require both face and hearing protection.

3M Order Code	Model #	Description
XA007703862	G500V5CH510-OR	Headgear Combo Forestry 3M strd

Lumberjack Combo

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 hard cap. The mesh visor and earmuffs can be swiveled both up or down. The rain guard protects your neck from debris and rain.

3M Order Code	Model #	Description
XH001655758	G2000CUOR31V4-C-01	Lumberjack Combo

Headgear Combo Industrial

The 3M™ Headgear G500 provides a versatile and comfortable solution for wearers who require both face and hearing protection.

With special design features making it easy to combine the headgear with other 3M safety products such as face shields, passive earmuffs or communication headsets and eyewear.

3M Order Code	Model #	Description
UU001471117	G500V511H510-GU	Headgear Combo Industrial 3M strd

Sweat Band HYG50

Replaceable Plastic Sweatband which is suitable for all general industrial use with Peltor™ HeadGear G500.

3M Order Code	Model #	Description
XA007703854	HYG50	Sweat Band - Plastic

Face Protection

3M™ Peltor Mesh Visor V4B

The V4B Visor system is extremely lightweight and non-conductive, which is a necessary feature in some environments such as working with electric power cables. Made of black polyamide with a matt finish, system includes visor, helmet frame and linkage kit, which will attach to either a P3E 30mm or a P3G 24mm slotted adaptor. Designed to be used with or without Peltor earmuffs. Standards/Approvals AS/NZS 1337.2 Low Impact.

3M Order Code	Model #	Description
XH001650239	V4B	Peltor Mesh Visor - Nylon

3M™ Peltor Mesh Visor V4K

The V4K provides greater protection area against splashes, high speed particles and debris. Excellent high impact-resistant colourless visor, made from high quality polycarbonate. Visor includes helmet frame and cap attachment. Lets through 95% of light. UV filter Approved for protection against short circuit electric arc, Molten metals and hot solids. Standards/Approvals. AS/NZS 1337.1 High Impact.

3M Order Code	Model #	Description
XA007702328	V4K	Clear Visor Polycarb Large CECE

3M™ Face Shield Clear 5F-11 PC

The polycarbonate face shield 5F-11 (compatible with the V5 shield carrier) provides increased protection against high speed particles (190m/s). It is scratch resistant and anti-fog treated on both sides for the maximum field of view. Compatible with the V5 Face shield carrier. Standards/Approvals AS/NZS 1337.1 High Impact.

3M Order Code	Model #	Description
UU001470994	5F-11 PC	Field Shield Clear - AS+AF

3M™ Peltor Visor V2C

The V2C provides great protection against high speed particles and UV\IR radiation. Made from high quality polycarbonate, which features with scratch resistant properties. The visor peak and visor are designed to slope to minimise glare and debris. Standards/Approvals. AS/NZS 1337.1 High Impact.

3M Order Code	Model #	Description
XH001651575	V2C	Peltor 140AR Polycarb Visor - Hard Hat

3M™ Peltor Mesh Visor V4A

Design ensures excellent strength and stability. This visor, made of steel with a matt finish, is for extremely harsh working environments. System includes visor, helmet frame and linkage kit, which will attach to either a P3E 30mm or a P3G 24mm slotted adaptor. Designed to be used with or without Peltor earmuffs. All mesh visors are tested and approved AS/NZS 1337.2:2012 (low impact) and meet the requirements for increased robustness (S marking). Standards/Approvals AS/NZS 1337.2 Low Impact

3M Order Code	Model #	Description
XH001651609	V4A	Peltor Mesh Visor - Metal

3M™ 5B Mesh Face Shield

High quality product that provides protect against impacts from the front and side. Firm and sturdy for improved product life. The 5B mesh face shield is lightweight, sturdy, have increased robustness for protection against high speed particles (45m/s), without compromising the field of view and user comfort. Compatible with the V5 Face shield carrier.

3M Order Code	Model #	Description
XA007703870	5B	Mesh Face Shield Plastic

Body Protection

The range of 3M™ Protective Apparel offers a variety of features, from the use of fabrics with specialist treatments for enhanced wear and added protection, to breathable back panels for increased comfort. Our experts can work closely with you, to help you identify hazards and best protect your workers against them.

Materials

At 3M we have a select and high quality range of Coveralls, which provide protection against many hazards.

The 3M range of Protective Apparel offers a variety of features, from the use of fabrics with specialist treatments for enhanced wear and added protection, to breathable back panels for increased comfort. Our experts can work closely with you, to help you identify hazards and best protect your workers against them.

Non-woven Polypropylene

Offers comfortable light-duty protection against nonhazardous liquids and dust.

Spunbond-meltblown polypropylene (SMS)

'SMS' can be layered differently to adjust the protective and physical properties of the material. Standard SMS-material is very breathable and offers a good barrier against dusts and limited liquid splashes. If treated, as 3M's Protective Coverall 4532+, an enhanced level of splash protection can be achieved.
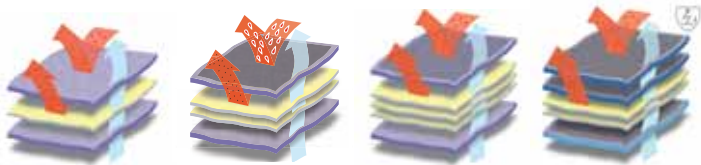
Microporous laminates

'Microporous laminates' offer a higher level of liquid splash protection, while the micropores allow for some breathability.

Non-microporous laminates

'Non-microporous laminates' can offer an even higher level of liquid protection. Adding multiple layers of the laminate can also increase robustness and chemical hold.
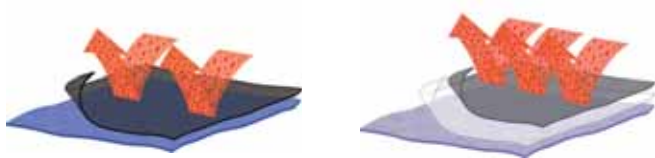
Design features

3M™ Protective Coveralls can offer a variety of features depending on your needs. The illustration below highlights some of the features available:

Contains no components made from natural rubber latex

Two-way zipper for on/off convenience

Anatomical design and fit for optimal wear, coverage and comfort

Elasticized waist and ankles and knit or elastic cuffs on all models for increased comfort and mobility

Three panel hood design on most models for compatibility with complementary PPE

Seamless shoulder and sleeve tops for fewer entry points for contaminants and increased comfort

Storm flap on all coveralls to help provide additional protection

Available in a variety of sizes (M-3XL).

• Backed by 3M global technical capabilities and support

3M™ Protective Coverall 4515

Low cost hazardous dust protection

The 3M™ Protective Coverall 4515 is an economic solution to protect from hazardous dusts such as asbestos fibres exposed to during site inspection. While protecting on the outside, the breathable material allows air to escape from the inside to reduce heat build-up and discomfort. Available in white, blue, red and orange, the range is certified as CE Type 5/6 for both hazardous dusts and liquid splashes.

Features and Benefits:

- Excellent barrier against dry particles and limited liquid splash (CE Type 5/6)
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles
- Robust, highly breathable 50gsm SMS material
- 2-way zipper with storm flap for added on-off convenience and extra protection
- Elastic cuffs, waist and ankles for a better fit and freedom of movement
- Low-linting
- Available in white, blue, red and orange

Fabric material

The material used in the 3M protective coverall 4515 sandwiches a single thick filtering layer of melt-blown polypropylene between two thinner layers of softer spun bond polypropylene delivering a finished durable, breathable 50gsm protective material that aides air flow to reduce heat stress and improve comfort.
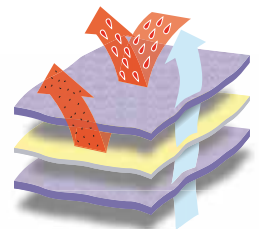
Seam Technology

Seams are serged for Type 5/6 protection.
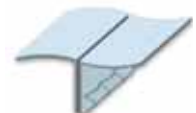
3M AU Code	Model #	Description
GT700004127	4515	Coverall White type 5/6/ M
AT010588898	4515	Coverall White type 5/6/ L
AT0 10588906	4515	Coverall White type 5/6/ XL
AT010588914	4515	Coverall White type 5/6/ XXL
GT700004168	4515	Coverall White type 5/6 3XL
Not Available	4515	Coverall White type 5/6 4XL
GT700004333	4515	Coverall Orange type 5/6 M
GT700004341	4515	Coverall Orange type 5/6 L
GT00004358	4515	Coverall Orange type 5/6 XL
GT00004366	4515	Coverall Orange type 5/6 XXL
GT700004374	4515	Coverall Orange type 5/6 3XL
Not Available	4515	Coverall Orange type 5/6 4XL
GT700004200	4515	Coverall Blue type 5/6 L
GT700004218	4515	Coverall Blue type 5/6 XL
GT700004226	4515	Coverall Blue type 5/6 XXL
GT700004234	4515	Coverall blue type 5/6 3XL

3M™ Protective Coverall 4510

The 3M™ Protective Coverall 4510 is an economic solution which offers quality and protection from limited chemical splashes such as those from paint spraying and is certified as CE Type 5/6 protection standard. The material is microporous, allowing air and moisture to escape from within the suit, while helping to protect from the hazard on the outside.

Features and Benefits:

- Excellent barrier against dry particles and certain limited liquid chemical splash (CE Type 5/6)
- Laminated microporous material
- 2-way zipper with storm flap for added on-off convenience and extra protection
- Elastic cuffs, waist and ankles for a better fit and freedom of movement
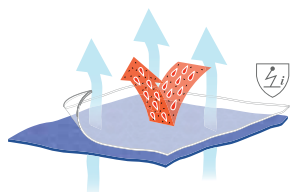- Super low-linting
- Anti-static treatment to EN 1149 to reduce charge build up
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles
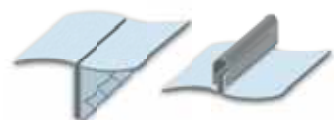- Biological protection tested to EN 14126

Fabric material

The anti-static treated 3M protective coverall 4510 material is made using a layer of soft, spunbond polypropylene and a layer of light, but high quality anti-static treated polyethylene laminate film giving good levels of barrier efficiency and protection.

Seam Technology

Seams are serged for Type 5/6 and certain seams bound for extra protection.

3M AU Code	Model #	Description
Not Available	4510	Coverall White type 5/6 S
XL451000050	4510	Coverall White type 5/6 M
AT010588864	4510	Coverall White type 5/6 L
AT010588872	4510	Coverall White type 5/6 XL
AT010588880	4510	Coverall White type 5/6 XXL
XL451000092	4510	Coverall White type 5/6 3XL
Not Available	4510	Coverall White type 5/6 4XL

3M™ Protective Coverall 4532+ (AUS Only)

The 3M™ Protective Coverall 4532+ range is made from a highly breathable and lightweight 5 layered SSMMS material, providing the wearer with CE Type 5/6 protection with specialist treatments providing anti-static protection and an enhanced liquid repellency.

Features and Benefits:

- Specialist coatings enable this product to be used in many applications not usually suitable for SMS Based coveralls
- SSMMS material, see Fabric Material
- 3-panel elasticated hood for enhanced compatibility with complimentary PPE
- Knitted cuffs and elasticated waist and ankles
- 2-way zipper for added convenience and a storm flap with full sealable tape for extra protection
- Enhanced and reinforced triangular gusset panel to increase product durability
- Anti-static treatment to EN 1149 to reduce charge build up
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles
- Low linting
- Available in blue (with a light blue triangle back panel) and Cool white

Fabric material

The 3M protective coverall 4532+ is made using a 52gsm SSMMS, which consists of two outer layers of spunbond polypropylene (SS) encasing two layers of melt-blown polypropylene (MM) and a third layer of spunbond (S) on the underside. The fabric has been specifically designed to be durable whilst enabling air flow thereby reducing heat stress and enhancing wearer comfort. The middle 2 layers act as a filter to effectively protect against noxious dust and splash whilst the outer layers offer strength and increased liquid hold out from the alcohol and oil repellence treatment.

Unique treatment encourages the oil to bead rather than soak through.

Seam Technology

Seams are serged for Type 5/6 and certain seams bound for extra protection.

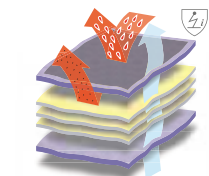| 3M AU Code	Model #	Description
GT500092090	4532	Coverall Blue type 5/6 M
GT500092082	4532	Coverall Blue type 5/6 L
GT500092074	4532	Coverall Blue type 5/6 XL
GT500092066	4532	Coverall Blue type 5/6 XXL
GT500092116	4532	Coverall Blue type 5/6 3XL

3M™ Protective Coverall 4535

If you're looking for a balance of protection, durability and additional comfort, look no further than the 3M™ Protective Coverall 4535. Certified as CE Type 5/6 protection, it utilises a dual material design with added comfort features to optimise wearer acceptance.

Features and Benefits:

- Excellent barrier against dry particles and certain limited liquid chemical splash (CE Type 5/6)
- Robust, super low-linting laminated microporous material
- Extra large breathable back panel for improved air circulation and reduced heat stress
- 2-way zipper with storm flap for added on-off convenience and extra protection
- Knitted cuffs with elasticated waist and ankles for increased comfort and freedom of movement
- Low-linting
- Anti-static treatment to EN 1149 to reduce charge build up
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles

Fabric material

The front of the 3M protective coverall 4535 combines a high quality polyethylene laminate providing an excellent barrier, on top of a layer of soft, spunbond polypropylene fibres creating a robust, yet comfortable 55gsm protective fabric. The large blue back panel is made from 5 layers of spunbond and meltblown polypropylene giving excellent breathability, whilst maintaining the Type 5/6 level of protection.

SMMMS back-panel.
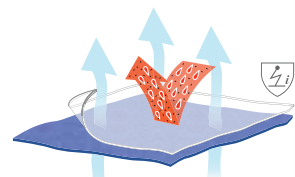
Microporous laminate fabric.

Seam Technology

Seams are serged for Type 5/6 and certain seams bound for extra protection.

3M AU Code	Model #	Description
Not Available	4535	Coverall White & Blue Coverall type 5/6 M
AT010588989	4535	Coverall White & Blue Coverall type 5/6 L
AT010588997	4535	Coverall White & Blue Coverall type 5/6 XL
AT010589003	4535	Coverall White & Blue Coverall type 5/6 XXL
Not Available	4535	Coverall White type 5/6 XL
Not Available	4535	Coverall White type 5/6 XXL
Not Available	4535	Coverall White type 5/6 3XL

3M™ Protective Coverall 4540+

With premium dual material technology and offering CE Type 5/6 protection, the 3M™ Protective Coverall 4540+ is ideal for applications where both high levels of protective performance and comfort are desired.

Features and Benefits:

- Excellent barrier against dry particles and certain liquid chemical splash (CE Type 5/6)
- Soft and light, super low-linting laminated microporous material that drapes and hangs well over the body facilitating ease of movement
- Back panel made of breathable SMMMS material for improved air circulation and reduced heat stress
- 2-way zipper with fully sealable storm flap for added on-off convenience and extra protection
- 3-panel hood design for enhanced compatability with complimentary PPE
- Knitted cuffs and elasticated waist and ankles for increased comfort and freedom of movement
- Enhanced and reinforced triangular gusset panel to increase product durability
- Anti-static treatment to EN 1149 to reduce charge build up
- Meets inward leakage requirements of EN1073-2 for protection against nuclear particles
- Low linting

Fabric material

The 3M protective coverall 4540+ material is made using a composite layer of soft, spunbond fibres and a layer of light, but high quality polyethylene laminate film giving excellent levels of barrier efficiency and protection. Compared with many other laminates it has a particularly soft feel and drapes well over the body The blue back panel is made from 5 layers of spunbond and meltblown polypropylene giving excellent breathability, whilst maintaining the Type 5/6 level of protection.

SMMMS back-panel.
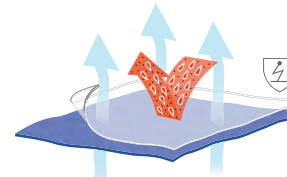
Microporous laminate fabric.

Seam Technology

Seams are serged for Type 5/6 and certain seams bound for extra protection.
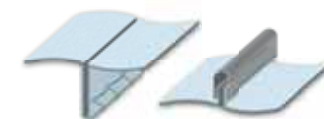
3M AU Code	Model #	Description
XL454000016	4540+	Coverall White & Blue type 5/6 M
AT010589011	4540+	Coverall White & Blue type 5/6 L
AT010589029	4540+	Coverall White & Blue type 5/6 XL
AT010589037	4540+	Coverall White & Blue type 5/6 XXL
XL454000057	4540+	Coverall White & Blue type 5/6 3XL

3M™ Protective Coverall 4570

The 3M™ Protective Coverall 4570 is a high performance chemical protective suit, certified to Type 3/4/5/6 levels of protection, making it suitable to protect against a range of chemical jets and sprays. With additional design features including an enlarged zip and finger loops, a double-closing storm flap system and chin flap, convenience of use can be offered without compromising the high level of protection given.

Features and Benefits:

- Excellent barrier for jet spray and liquid tight chemical protection (CE Type 3/4)
- Biological / infective agent protection (EN 14126) to the maximum class
- Seams are taped with a multi layer coextruded clear tape, giving a discreet finish and a consistent seal and barrier
- 3-panel hood design for enhanced compatibility with complimentary PPE
- Two stormflaps combined with double colourcoded zips to create a double seal for added convenience and extra protection
- Large zip for ease of use
- Elasticated cuffs with thumb loops for secure fit during overhead work
- Elasticated waist and ankles for increased comfort and freedom of movement
- Glued in waist elastic and seam free shoulders to minimise entry points etc
- Adhesive chin flap
- Super low-linting
- Anti-static treatment to EN 1149 to reduce charge build up
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles

Fabric material

The 3M™ Protective Coverall 4570 uses a heavy-duty material blending a soft inner layer of spun bond fibres with multiple outer layers of a high performance anti-static treated polyethylene laminate, to offer a high level of liquid protection.
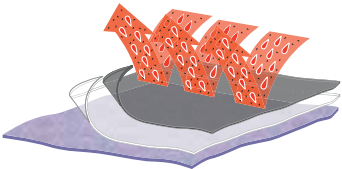
Seam Technology

Seams are stitched and overtaped with a clear heat applied multi-layer chemically protective tape to offer increased strength and an effective barrier to liquids and particulates.
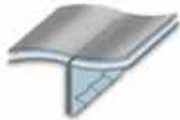
3M AU Code	Model #	Description
GT700004861	4570	Coverall Grey type 3/4/5/6 M
AT010589078	4570	Coverall Grey type 3/4/5/6 L
AT010589086	4570	Coverall Grey type 3/4/5/6 XL
AT010589094	4570	Coverall Grey type 3/4/5/6 XXL
GT700004903	4570	Coverall Grey type 3/4/5/6 3XL
Not Available	4570	Coverall Grey type 3/4/5/6 4XL

Product selector diagram*

*Warning: This product selector is intended to provide guidance on key features of the 3M product range. The products shown highlight some of the products which may be considered but product suitability will depend on the particular situation and product selection should always be made after a risk assessment by a competent person knowledgeable of the actual working conditions and limitations of the PPE.

Is the contaminant hazardous?

Yes

Do you require protection from liquids or particles?

Particles (Type 5)

Increased repellency to certain alcohols or oil based liquids?

Yes → 4532+

Liquids

Taped seams?

Type of Exposure

Splash (Type 6)

Is ultra-low linting critical?

No → Anti-static required?

Yes

No

Jets (Type 3)

Heat stress?

4510

4515

Yes

No

4570

4535 4540+ 4532+

4510

**Not suitable for flame protection, to be used in conjunction with an Index 2/3 garment only

3M™ Protective Coveralls Protection Types
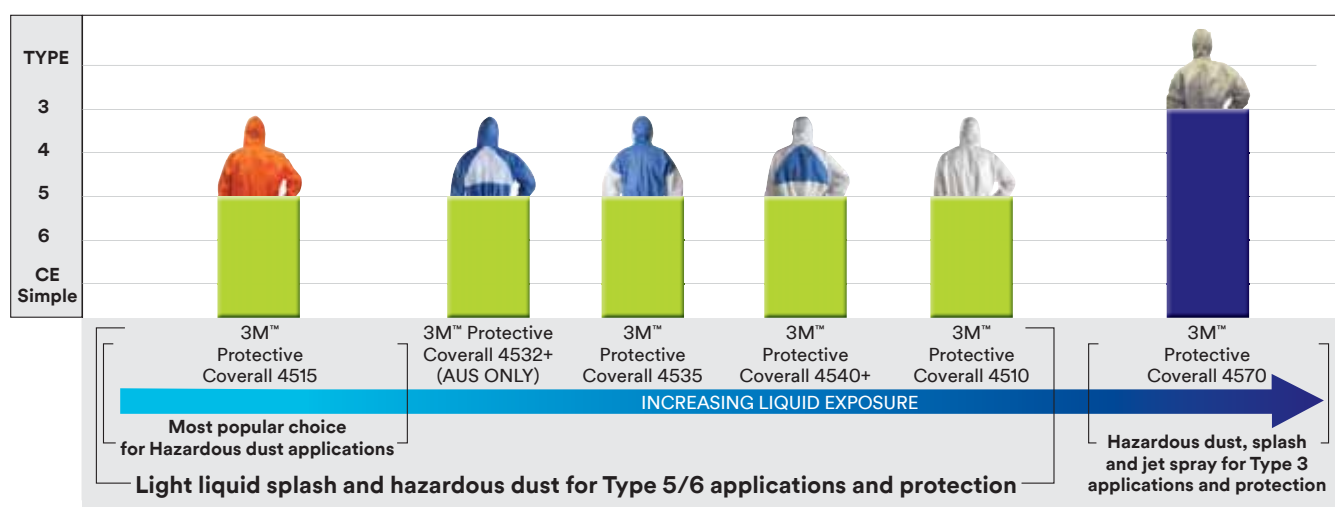
TYPE
3
4
5
6
CE Simple

3M™ Protective Coverall 4515

3M™ Protective Coverall 4532+ (AUS ONLY)

3M™ Protective Coverall 4535

3M™ Protective Coverall 4540+

3M™ Protective Coverall 4510

3M™ Protective Coverall 4570

INCREASING LIQUID EXPOSURE

Most popular choice for Hazardous dust applications

Hazardous dust, splash and jet spray for Type 3 applications and protection

Light liquid splash and hazardous dust for Type 5/6 applications and protection

This guide is only an outline. It should not be used as the only means for selecting protective clothing. Always read and follow all user instructions supplied with your 3M™ Protective Coveralls in order to ensure correct operation. Final determination as to the suitability of these products for a particular situation is the employers responsibility. If in doubt contact a safety professional. For further information on the performance data of these garments or for any other questions contact your local 3M representative. LIMITATION OF LIABILITY: Except as provided above, 3M shall not be liable or responsible for any loss or damage, whether direct, indirect, incidental, special or consequential arising out of the sale, use or misuse of 3M PSD products, or the user's inability to use such products.

Product selector table*

3M	4510	4515	4532+ (AUS ONLY)	4535	4540+	4570
CE Certification**	(pictograms)	(pictograms)	(pictograms)	(pictograms)	(pictograms)	(pictograms)
Material Weight	47gsm	50gsm	52gsm	55gsm	49gsm	92gsm
Size	M-3XL	M-3XL	M-3XL	M-3XL	M-3XL	M-3XL
Colours	(white)	(white, blue, red, orange)	(blue)	(blue)	(white)	(grey)
Light-duty cleaning, warehousing, janitorial		● Suitable				
Asbestos Inspection, site preparation, insulation	● Suitable	● Popular	● Suitable	● Suitable	● Suitable	
Asbestos removal	● Suitable	● Suitable	● Suitable	● Suitable	● Suitable	
Cement manufacturing, metal grinding & polishing	● Suitable	● Suitable	● Popular	● Suitable	● Suitable	
Light industrial cleaning, machine maintenance	● Popular	● Suitable	● Popular	● Popular	● Popular	
Pharmaceutical processing, handling toxic powders	● Suitable		● Suitable	● Suitable	● Suitable	
Painting & coating, resins	● Popular		● Suitable	● Popular	● Popular	
Cleanrooms	● Suitable					
Pesticide spraying						● Suitable
Chemical mixing and handling						● Popular
Chemical spills, emergency response, decontamination, tank cleaning						● Popular

● Popular choice   ● Suitable for consideration

* In all cases, product selection should be based on a full risk assessment. Always read product user information. Use limitations and performance data should be considered to ascertain the protection required. If in doubt, contact a safety professional. This guide is only an outline. It should not be used as the only means for selecting protective clothing. Details regarding performance and limitations are set out on the packaging and user instructions. Before using any protective clothing, the wearer must read and understand the user instructions for each product. Specific country legislation must be observed. If in doubt, contact a safety professional or 3M – www.3M.eu/safety. Always check the compatibility of the suit material before selection. Please note that the personal protective equipment (PPE) shown highlight some of the products which may be considered. Sections of the most appropriate PPE will depend on the particular situation and should be made only by a competent person knowledgable of the actual working conditions and the limitations of PPE.

** See user instructions or technical datasheets for full details.

*** Material meets standard requirements.

Fall Protection

3M Fall Protection, a part of 3M's Personal Safety Division is dedicated to fall protection and rescue. Our focus is razor sharp, it continually drives us to design and manufacture the safest possible height safety gear.

Safety as basic as the ABCs!

A typical Personal Fall Arrest System (PFAS) incorporates three components, often described as the ABC's of fall protection. The anchorage/anchorage connector, body support and connecting device—when used together—form a complete system for maximum worker protection. But don't forget the other important components of a comprehensive fall protection program: descent and rescue, education and fall protection for tools.

Anchorages provide a secure point of attachment. Anchorage connectors vary by industry, job, type of installation and structure. They must be able to support the intended loads and provide a sufficient factor of safety for fall arrest.

A

Body support harnesses help distribute fall forces over the upper thighs, pelvis, chest and shoulders. They provide a connection point on the worker for the personal fall arrest system.

B

Connectors such as shock-absorbing lanyards or self-retracting lifelines connect a worker's harness to the anchorage.

C

Rescue and Descent devices are used to raise or lower a worker to safety or retrieve them from a confined space.

D

Education is essential. We offer a variety of training and consultative services to fit your needs.

E

Fall protection for tools helps make work environments safer and more productive by reducing dropped object incidents.

F

The sky's the limit.

"Dedicated To Bringing Every Worker At Height Home Safely"

3M Fall Protection, a part of 3M's Personal Safety Division is dedicated to fall protection and rescue. Our focus is razor sharp, it continually drives us to design and manufacture the safest possible height safety gear. We understand the industries we serve and listen to the workers in the field. We employ the best engineers to create innovative solutions and patent the products that keep workers safe at heights around the world. 3M Fall Protection has the best quality and largest range of fall protection products in the industry. But we're more than a product company. We take an innovative approach in bringing our products to the field.

We have created international partnerships and a vast network of authorised distributors, certified installers and service centres. We offer on-site and in-house training. Our manufacturing sites hold ISO 9001 quality accreditation, as well as ISO 14001 environment and AS4801 Health & Safety accreditation. 3M Fall Protection is one of the world's leading manufacturers of fall protection and rescue equipment, with decades of experience and a legacy of innovation. Look for complete solutions in our extensive range of DBI-SALA® and Protecta® brands.

Anchorages

3M offers the most complete selection of temporary and permanent anchorage connectors available. Our safety anchors include steel anchors, concrete anchors, roof anchors and specialty anchors like our vacuum mount for smooth surface environments. We manufacture anchor systems to fit your unique applications.

Anchorages

3M™ DBI-SALA® Structural Mount Anchors

2100101   2101630   9501683

3M Order Code	Model #	Description
70007440434	2100101	Saflok™ Toggle Anchor
70007440707	2101630	D-ring with anchorage plate
70007610515	9501683	D-ring Anchor

3M™ DBI-SALA® Concrete Mount Anchors

2100085   2101004   2104560

3M Order Code	Model #	Description
70007450920	2100085	Saflok™ Concrete wedge anchor
70007440699	2101004	Concrete detent anchor
70007441093	2104560	Bolt on, with swivel D-ring

3M™ DBI-SALA® Roof Mount Anchors

L4544   L4543   L4550   L4551   L4552   2100191
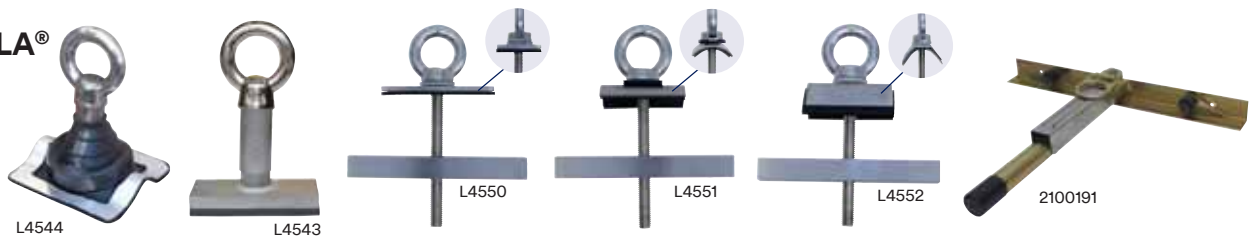
3M Order Code	Model #	Description
70007928024	L4543	Purlin mounted for steel roofs
70007925426	L4544	Truss mounted for steel or tiled roofs
70007938395	L4550	Purlin mounted, for flat pan applications
70007937967	L4551	Purlin mounted, for corrugated iron applications
70007932786	L4552	Purlin mounted, for spandeck applications
70007951026	2100191	Anchor on the Go™, for sheet metal roofs

3M™ DBI-SALA® Mining Anchors
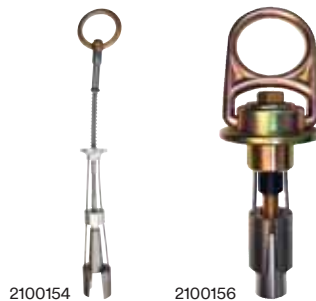
2100154   2100156

3M Order Code	Model #	Description
70007451050	2100154	Saflok™ Mining Bolt Anchor with swivelling O-ring
70007451076	2100156	Saflok™ Hybrid Bolt Mining Swivel Anchor

3M™ DBI-SALA® Door Jamb Anchor

3M Order Code	Model #	Description
70007442091	2100080	Door/Window Jamb Anchor

3M™ DBI-SALA® Beam Anchors

2104700   2103143   2108406

3M Order Code	Model #	Description
70007440806	2103143	Beam trolley, adjustable
70007452413	2104700	Glyder™ 2 sliding beam anchor, adjustable
70007442091	2108406	Fixed beam anchor, adjustable

3M™ DBI-SALA® First-Man-Up™ Systems

3M Order Code	Model #	Description
70007441051	2104530	1.8 - 3.6 m working length
70007441069	2104531	2.4 - 4.8 m working length

3M™ DBI-SALA® Sayfline™ Temporary Lifeline Rope Systems

Up to 2 users

3M Order Code	Model #	Description
70007490355	7600505	15 m
70007490371	7300507	20 m
70007490389	7600508	25 m
70007490405	7600510	30 m

3M™ DBI-SALA® EZ-Line™ Retractable Horizontal Lifeline Wire Cable System

Up to 6 users (2 per span)

Note: DBI-SALA® Engineered permanent horizontal lifeline systems and Sayfline™ post and base system also available.

3M Order Code	Model #	Description
70007488128	7605061	18 m

3M™ DBI-SALA® Round Strap Anchor Strap

3M Order Code	Model #	Description
AT010622010	1003581	Tie-Off-Adaptor 25mm 0.6m
AT010622028	1003582	Tie-Off-Adaptor 25mm 1.0m
AT010622036	1003583	Tie-Off-Adaptor 25mm 1.2m
AT010622044	1003584	Tie-Off-Adaptor 25mm 1.5m
AT010622051	1003585	Tie-Off-Adaptor 25mm 2.0m

3M™ DBI-SALA® Vacuum Anchor System

3M Order Code	Model #	Description
70007452876	2200095	Mobi-Lok™ self-contained vacuum anchor **Also available:** Industrial and aviation compliant versions, Shop-air model

3M™ DBI-SALA® SecuraSpan™ Temporary Horizontal Lifeline Wire Cable Systems

Up to 6 users (2 per span)

3M Order Code	Model #	Description
70007959672	7400120	6 m
70008287875	7400130	9 m
70007936290	7400140	12 m
70008287883	7400150	15 m
70007962155	7400160	18 m

3M™ DBI-SALA® Tie-Off Anchor Strap Adaptor with Interlocking Rings

3M Order Code	Model #	Description
70007928834	E849-005	0.5 m
70007929196	E849-008	0.8 m
70007925731	E849-010	1 m
70007928909	E849-012	1.2 m
70007925566	E849-015	1.5 m
70007925574	E849-020	2 m

3M™ DBI-SALA® Flat Strap Anchor Strap

3M Order Code	Model #	Description
AT010622010	1003581	Tie-Off-Adaptor 25mm 0.6m
AT010622127	1003592	Tie-Off-Adaptor 25mm 1.2m Loop Ends

Anchorages

3M™ Protecta® PRO-Line™ Temporary Horizontal Lifeline System

3M Order Code	Model #	Description
70007427167	1200101	18 m, webbing, up to 2 users

3M™ Protecta® Dual Ring Tie-Off Adaptor Anchor Strap

3M Order Code	Model #	Description
70007442240	2190100	0.9 m
70007442257	2190101	1.2 m
70007442265	2190102	1.8 m

3M™ Protecta® Tie-Off Adaptor with Interlocking Rings Anchor Strap

3M Order Code	Model #	Description
70007938429	AM500/150AU	1.5 m

3M™ Protecta® Round Webbing Anchor Strap

3M Order Code	Model #	Description
70007928198	AM450/120AU	1.2 m
70007938403	AM450/150AU	1.5 m
AT010621657	Tie-Off Adaptor	2m

3M™ Protecta® Anchorage Devices

AM210

AM211

2199938

AJ720A

3M Order Code	Model #	Description
70007649455	2199938	RailDog™ Hi-Vis Sliding Rail Anchor
70007629580	AJ720A	Concrete anchor (includes mechanical fixings)
70007780839	AM210	Fixed anchorage plate
70007781571	AM211	Fixed anchoring ring

Body Harnesses

Safety harnesses provide comfort and confidence, and directly affects the user's productivity, as well as giving them flexibility to do what needs to be done on the job site. 3M has the latest in full body harness protection. DBI-SALA® and PROTECTA® harnesses - ExoFit STRATA™, ExoFit NEX™, Delta™, PRO and FIRST™ - have earned a reputation as top full body harnesses for maximum comfort, freedom of movement and ease-of-use.

3M™ DBI-SALA® ExoFit STRATA™ Full-Body Harnesses

No other harness compares.

The most comfortable, lightest-wearing, truly innovative safety harness ever created: the ExoFit STRATA™. Featuring the exclusive LIFTech™ load distribution system, the ExoFit STRATA™ literally takes the weight off your shoulders and redistributes it down to your hips, dramatically reducing shoulder strain and fatigue.

Features and Benefits:

Keeps your back cool
- Polarmesh™ Padding - Allows greater airflow to your back, providing superior breathability to keep you cool.

Unleashes you mobility
- Revolver™ Vertical Torso Adjuster - Easily stores excess webbing, locking it in place and out of your way while maintaining the perfect fit.

Memory Fit Web Lock
- Duo-Lok™ Quick Connect Buckles - Lightweight one-handed use, ensures fast, non-slipping connections.

Secures your safety
- Tech-Lite™Aluminium Front, Dorsal & Side D-Rings - Maximise reliability without adding extra weight.

Connects you quickly
- Ez-Link™ Quick SRL Adapter - Simplifies connecting and disconnecting your personal self retracting lifeline.

Frees your shoulders
- Liftech™ Load Distribution System - Redistributes the weight from pressure points on your shoulders and spreads it out to the base of your hips.

BONUS
Storage Bag

3M™ DBI-SALA® ExoFit STRATA™ Construction Harness

Ideal for the professional performing construction, rigging, ladder climbing and general height safety work where the use of a Personal SRL is used on a regular basis.

Front and rear Tech-Lite™ aluminium D-rings, EZ-Link™ quick SRL adapter, LIFTech™ load distribution system, Revolver™ vertical torso adjusters, Duo-Lok™ quick connect buckles, PolarMesh™ padding, wide padded lower back/ hip pad, waist belt, suspension trauma straps, confined space loops, impact indicator and REPEL™ technology webbing.

3M Order Code	Model #	Description
70007949574	903S2018	Small
70007947321	903M2018	Medium
70007951422	903L2018	Large
70008291406	903XL2018	Extra Large

3M™ DBI-SALA® ExoFit STRATA™ Utility Harness

Ideal for the professional performing work positioning, construction, rigging, ladder climbing and general height safety work where the use of a Personal SRL is used on a regular basis.

Front, rear and side Tech-Lite™ aluminium D-rings, EZ-Link™ quick SRL adapter, LIFTech™ load distribution system, Revolver™ vertical torso adjusters, Duo-Lok™ quick connect buckles, PolarMesh™ padding, wide padded lower back/ hip pad, waist belt, suspension trauma straps, confined space loops, impact indicator and REPEL™ technology webbing.

3M Order Code	Model #	Description
70007947339	923S2018	Small
70007945663	923M2018	Medium
70007949616	923L2018	Large
70007953097	923XL2018	Extra Large

3M™ DBI-SALA® ExoFit STRATA™ Riggers Harness

Ideal for use as a professional general purpose harness in rigging, ladder climbing and confined space access work where the use of a Personal SRL is used on a regular basis.

Front and rear Tech-Lite™ aluminium D-rings, EZ-Link™ quick SRL adapter, Revolver™ vertical torso adjusters, Duo-Lok™ quick connect buckles, PolarMesh™ padding, suspension trauma straps, confined space loops, impact indicator and REPEL™ technology webbing.

3M Order Code	Model #	Description
AT010614892	903S2006	Small
70804414236	903M2006	Medium
AT010614884	903L2006	Large
AT010614900	903XL2006	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Full-Body Harnesses

The ultimate full-body comfort harnesses.

ExoFit NEX™ harnesses are the most advanced harnesses in the industry. They're the culmination of our experience with ExoFit™ and ExoFit™ XP, ongoing research and the incorporation of new materials and innovative features.

Features and Benefits:

Stand-Up Dorsal D-ring
- Patented spring-loaded design automatically stands-up, ensuring fast, easy and safe connections to your fall arrest system.

Covered Labels and RFID equipped
- A Velcro® cover protects harness labels.

Impact Indicator
- Rip-stitch indicators allow you to inspect the harness at a glance, for prior damaging impact loads.

Revolver™ Vertical Torso Adjusters
- Simple and fast adjustments that eliminate loose ends and lock into place, preventing slippage.

Tech-Lite™ Aluminium D-rings
- Extremely lightweight alloy commonly used in military and aerospace offers a higher level of security and comfort.

Integrated Suspension Relief Straps
- Provide an adjustable, continuous loop for post fall, offering suspension relief.

Reflective Material
- For greater visibility in dark and dangerous environments, reflective material is integrated on legs, chest, shoulders and back.

Ultra-Soft Edging
- Moves with you - doesn't rub or chafe.

Hybrid Comfort Padding
- Lightweight, moisture wicking, and breathable padding won't move or slip, keeping the wearer comfortable at all times.

Lanyard Keepers
- Easy holstered snap hooks breakaway to avoid trip hazard.

Built-In Carrying Pocket
- Conveniently holds and protects a mobile phone, camera, or other items.

REPEL™ Technology Webbing
- Water repellent to reduce attraction of mould and dirt - also has up to 5 times more abrasion resistance.

Rigid Hip Padding Loops
- Prevents equipment pouches from sagging and reduces abrasion in vulnerable areas

Duo-Lok™ Quick-Connect Buckles
- Lightweight one-handed use with memory-fit web-lock ensures fast, non-slipping connections.

BONUS
Harness storage back pack with every ExoFit NEX™ harness

*30 Day Comfort Guarantee on all ExoFit NEX™ harnesses. If you're not completely satisfied, return your ExoFit NEX™ harness within 30 days of purchase for a full refund.

3M™ DBI-SALA® ExoFit NEX™ Riggers Harness

Ideal for use as a professional general purpose harness in rigging, ladder climbing and confined space access work.

Front and rear Tech-Lite™ aluminium D-rings, Duo-Lok™ quick-connect buckles, Revolver™ vertical torso adjusters, non-slip hybrid comfort padding, suspension trauma straps, confined space retrieval/ attachment points, impact indicator, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007925673	603S2018	Small
70007925467	603M2018	Medium
70007926127	603L2018	Large
70007938429	603XL2018	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Cross-Over Harness

Ideal for the professional performing roof construction, maintenance and ladder access work.

Front and rear Tech-Lite™ aluminium D-rings, Duo-Lok™ quick-connect buckles, Revolver™ vertical torso adjuster, non-slip hybrid comfort padding, suspension trauma straps, impact indicator, REPEL™ technology webbing.

Note: Ideal for women

3M Order Code	Model #	Description
70007946505	613S2016	Small
70007926655	613M2016	Medium
70007941803	613L2016	Large
70007936696	613XL2016	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Confined Space Harness

Ideal for the professional performing confined space access work, ladder access and rescue.

Front, rear and side Tech-Lite™ aluminium D-rings, Duo-Lok™ quick-connect buckles, Revolver™ vertical torso adjusters, non-slip hybrid comfort padding, wide padded lower back/hip pad, suspension trauma straps, confined space retrieval/attachment points, impact indicator, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007929378	623S2018	Small
70007926010	623M2018	Medium
70007925798	623L2018	Large
70007925764	623XL2018	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Tower Workers Harness

Ideal for the professional performing pole work, rigging and work positioning.

Front, rear and side Tech-Lite™ aluminium D-rings, Duo-Lok™ quick-connect buckles, Revolver™ vertical torso adjusters, wide padded lower back/hip pad, work positioning/suspension seat with tanged pole D-rings (can be secured out of the way for unhindered climbing), non-slip hybrid comfort padding, suspension trauma straps, impact indicator, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007935102	653S4016	Small
70007926366	653M4016	Medium
70007928917	653L4016	Large
70007943510	653XL4016	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Wind Energy Harness

Ideal for the professional wind tower worker, uniquely designed with specialised features for wind energy needs.

Front and rear Tech-Lite™ aluminium D-rings, side D-rings, Duo-Lok™ quick-connect buckles, Revolver™ vertical torso adjuster, wide padded lower back/hip pad, removable tongue buckle waist belt, dorsal webbing and lumbar protectors, built in radio holster, tool D-rings, non-slip hybrid comfort padding, suspension trauma straps, impact indicator REPEL™ technology webbing.

3M Order Code	Model #	Description
70007930723	603S4044	Small
70007930699	603M4044	Medium
70007943759	603L4044	Large
70007960613	603XL4044	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Suspension Harness with Chest Ascender

Ideal for the professional ascending working lines.

Front, rear, side and abdominal Tech-Lite™ aluminium D-rings, integral chest ascender, Duo-Lok™ quick-connect buckles, padded lower back/hip pad, gear loops, non-slip hybrid comfort padding, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007928693	783S4010	Small
70007931101	783M4010	Medium
70007933883	783L4010	Large
70007948998	783XL4010	Extra Large

Also available: models with additional features suitable for specific industry applications

Body Harnesses

3M™ DBI-SALA® ExoFit NEX™ Climbing Harness

Ideal for the professional performing rescue and emergency services, industrial rope access, abseiling and tower work.

Front, rear, side and abdominal Tech-Lite™ aluminium D-rings, Duo-Lok™ quick-connect buckles, padded lower back/hip pad, tool & gear loops, non-slip hybrid comfort padding, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007939559	683S4016	Small
70007931937	683M4016	Medium
70007938502	683L4016	Large
70007947370	683XL4016	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Suspension Harness

Ideal for the professional performing rescue and emergency services, industrial rope access, abseiling and tower work.

Front, rear, side and abdominal Tech-Lite™ aluminium D-rings, Duo-Lok™ quick-connect buckles, padded lower back/hip pad, gear loops, non-slip hybrid comfort padding, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007934402	783S4016	Small
70007931028	783M4016	Medium
70007927661	783L4016	Large
70007934469	783XL4016	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Flotation Harness

Ideal for the professional requiring both fall and buoyancy protection in open or closed waters.

275N integral personal flotation device, rear stainless steel D-ring, front fall arrest loops, stainless steel quick-connect buckles, non-slip hybrid comfort padding, suspension trauma straps, impact indicator, REPEL™ technology webbing (also available with 300N MED/SOLAS personal flotation device).

3M Order Code	Model #	Description
70008280318	603S1034	Small 275N
70007936233	603M1034	Medium 275N
70007941191	603L1034	Large 275N
70007945168	603XL1034	Extra Large 275N
70008286240	603S1036	Small 300N
70007943023	603M1036	Medium 300N
70007946786	603L1036	Large 300N
70007956421	603XL1036	Extra Large 300N

3M™ DBI-SALA® Delta™ Full-Body Harnesses

The safety harness that won't weigh you down.

Delta™ harnesses combine a set of "industry-first" advancements, with popular features making them the workhorse of the industry. Today's Delta™ represents the culmination of more than twenty years of design, research, manufacturing know-how and on-the-job performance.

Features and Benefits:

REPEL™ Technology Webbing
- Water repellent to reduce attraction of mould and dirt - up to 5 times more abrasion resistance.

Quick-Connect Buckles
- Offers one-handed operation and smooth adjustment.

Easy Grip End Tabs and Keepers
- For fast, efficient and secure web adjustment.

Stand-Up Dorsal D-Ring
- Patented spring-loaded design automatically stands up ensuring fast, easy and safe connections to your fall arrest system.

Impact Indicator
- Rip-stitch indicator allows the user to quickly and easily inspect the harness for impact loading.

Label Pack
- Laminated PVC labels resistant to abrasion, UV, ambient heat, water and a wide range of chemicals. Features permanent indented print of critical product information ensuring it remains visible for the life of the harness.

RFID equipped
- Helps track equipment and manage safety inspection programs.

BONUS
Harness storage bag with every Delta™ harness

Body Harnesses

3M™ DBI-SALA® Delta™ Riggers Harness

Ideal for use in rigging, confined space, ladder access and general height safety.

Large rear fall arrest rated stand-up D-ring, front fall arrest rated D-ring, confined space/retrieval attachment points, quick-connect buckles, corrosion resistant hardware, fully adjustable, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007926416	803S0018	Small
70007925822	803M0018	Medium
70007925707	803L0018	Large
70007925046	803XL0018	Extra Large

3M™ DBI-SALA® Delta™ Cross-Over Harness

Ideal for use in roof construction, maintenance and ladder access work.

Large rear fall arrest rated stand-up D-ring, front fall arrest D-ring, quick-connect buckles, corrosion resistant hardware, fully adjustable, REPEL™ technology webbing

Note: Ideal for women

3M Order Code	Model #	Description
70007934378	813S0016	Small
70007932083	813M0016	Medium
70007925251	813L0016	Large
70007946752	813XL0016	Extra Large

3M™ DBI-SALA® Delta™ All Purpose Harness

Ideal for use in multi purpose access including confined space entry, rigging, ladder access work and work positioning at height.

Large rear fall arrest rated stand-up D-ring, front fall arrest rated D-ring, confined space/retrieval attachment points, waist belt with side D-rings, quick-connect buckles, corrosion resistant hardware, fully adjustable, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007930806	823S0018	Small
70007925855	823M0018	Medium
70007925616	823L0018	Large
70007927141	823XL0018	Extra Large

3M™ DBI-SALA® Delta™ Tower Workers Harness

Ideal for use by telecommunications and power industry personnel when working on towers and poles.

Large rear fall arrest rated stand-up D-ring, frontal fall arrest/belay loops, confined space/retrieval attachment points, padded waist belt with side D-rings, pole/restraint D-rings, quick-connect buckles, corrosion resistant hardware, fully adjustable, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007936365	853S0018	Small
70007925160	853M0018	Medium
70007928818	853L0018	Large
70007932042	853XL0018	Extra Large

3M™ DBI-SALA® Delta™ Miners Harness

Ideal for use by mining industry personnel for use with battery packs and self rescuers.

Large rear fall arrest rated stand-up D-ring, front fall arrest rated D-ring, confined space/retrieval attachment points, integral miners belt with battery and self rescue straps, reflective tape, suspension trauma straps, quick-connect buckles, corrosion resistant hardware, fully adjustable, REPEL™ technology webbing.

3M Order Code	Model #	Description
70007947362	823S0035	Small
70007934790	823M0035	Medium
70007929410	823L0035	Large
70007932737	823XL0035	Extra Large

3M™ DBI-SALA® Delta™ Live Line & Standard Linesman Harness
(Resistant to electrical conductivity)*

Ideal for use when working on high and low voltage live lines from an EWP vehicle.

Rear fall arrest rated webbing loop with integrated dorsal extension, frontal fall arrest/belay loops, confined space retrieval/attachment points, leather insulators, no metal hardware above the waist, quick-connect buckles, corrosion resistant hardware, fully adjustable, REPEL™ technology webbing

*No metal hardware above the waist

3M Order Code	Model #	Description
70007937165	803S0009	Small
70007935292	803M0009	Medium
70007937082	803L0009	Large
70007937090	803XL0009	Extra Large
70007926671	863M4019	Med (linesman)

Also available: models with additional features suitable for specific industry applications

3M™ DBI-SALA® Delta™ Riggers Comfort Harness

Ideal for use in rigging, confined space, ladder access and general height safety.

Large rear fall arrest rated D-ring, front fall arrest rated D-ring, confined space retrieval attachment points, quick connect buckles, aluminium hardware, fully adjustable, REPEL™ technology webbing, built-in shoulder, back and leg comfort padding.

3M Order Code	Model #	Description
70007937728	833S2018	Small
70007927455	833L2018	Large
70007931218	833M2018	Medium
70007935573	833XL2018	Extra Large

3M™ DBI-SALA® Delta™ Cross-Over Comfort Harness

Ideal for use in roof construction, maintenance and ladder access work.

Large rear fall arrest rated D-ring, front fall arrest rated D-ring, quick-connect buckles, corrosion resistant hardware, fully adjustable, REPEL™ technology webbing, built-in shoulder, back and leg comfort padding.

Note: Ideal for women

3M Order Code	Model #	Description
70007943221	843S2016	Small
70007950911	843L2016	Large
70007935714	843M2016	Medium
70007935722	843XL2016	Extra Large

3M™ DBI-SALA® Delta™ Welders Harness*

Ideal for use in 'Hot Work' and arc flash environments.

Rear stand-up D-ring, front fall arrest rated loops, confined space loops, Nomex®/Kevlar® fibre webbing, dielectric hardware.

Note: Specially designed Welders Lanyards are also available to complement/use with this harness.

*Arc flash, flame, heat and cut resistant

3M Order Code	Model #	Description
70007932851	320S2066NK	Small
70007927729	320M2066NK	Medium
70007930459	320L2066NK	Large
70007945218	320XL2066NK	Extra Large

3M™ DBI-SALA® Delta™ BA Rescue/Escape Harness

Ideal for use with rescue/escape breathing apparatus equipment.

Large rear fall arrest rated D-ring, front fall arrest rated D-ring, confined space/retrieval attachment points, quick-connect buckles, stainless steel hardware, air line attachment straps, rear BA pigtail connection strap, fully adjustable, REPEL™ technology webbing.

Note: Hip mounted escape cylinder bag to be supplied by customer for attachment to harness

For illustrative purposes only. Breathing Apparatus not included.

3M Order Code	Model #	Description
70008288378	823S1050	Small
70007964128	823M1050	Medium
70008288360	823L1050	Large
70008288394	823XL1050	Extra Large

3M™ DBI-SALA® Delta™ BA Harness

Ideal for Use with large cylinder breathing apparatus equipment.

Dorsal extension with large fall arrest rated D-ring, front fall arrest rated D-ring, confined space/retrieval attachment points, quick-connect buckles, waist belt with side D-rings, stainless steel hardware, wide padded lower back/hip pad, shoulders, back and waist protection pad with tank attachment straps, fully adjustable, REPEL™ technology webbing.

For illustrative purposes only. Breathing Apparatus not included.

3M Order Code	Model #	Description
70008288386	823S1051	Small
70007952602	823M1051	Medium
70007950820	823L1051	Large
70008288402	823XL1051	Extra Large

Also available: models with additional features suitable for specific industry applications

Body Harnesses

3M™ DBI-SALA® Fall Protection Kits

Suited for specific worker applications, our kits include all the necessary components of the ABC of fall protection to ensure worker safety.

1900-0004

1900-0005

3M Order Code	Model #	Description
70007930988	1900-0004	**Construction Workers Kit,** includes: Delta™ 380M-0018 All Purpose Harness, 3101000 2.4 m Talon™ SRL's, Z90203636 EZ-Stop™ 2.0 m Lanyard, E849-015 Tie-Off Adaptor, 1900-0000 Equipment/Kit Bag. Also available with small, large or extra large harness.
70007928529	1900-0005	**Professional Roof Workers Kit,** includes: Delta™ 360M-0016 Roof Workers Harness, Z90103636 EZ-Stop™ 1.0 m Lanyard, P6711-015-36-58 15 m Rope and Rope Grab, R-105-S Screw Gate Karabiner, E849-015 Tie-Off Adaptor, 1900-0000 Equipment / Kit Bag. Also available with small, large or extra large harness.
70007948238	1900-0027	**Professional Roof Workers Kit without harness,** includes: Z90103636 EZ-Stop™ 1.0 m Lanyard, P6711-015-36-58 15 m Rope and Rope Grab, R-105-S Screw Gate Karabiner, E849-015 Tie-Off Adaptor, 1900-0000 Equipment / Kit Bag

3M™ DBI-SALA® Miners Belts

E100M-0837

E100M-0179

E100M-0051

E112M-0033

3M Order Code	Model #	Description
70007928412	E100M-0051	Medium, with rear D-ring, battery pack and self rescue straps with velcro, reflective tape on rear
70007937843	E100M-0179	Medium, with rear D-ring, fixed braces, battery pack and self rescue straps with velcro, reflective tape on front and rear
70007939047	E100M-0837	Medium, with 2 front D-rings, detachable braces, battery pack and self rescue straps, reflective tape on front and rear
70007942058	E112M-0033	Medium, with detachable battery pack and self rescue straps, 2 front D-rings, reflective tape along entire length of belt

Note: Miners belts are available in small, medium, large and extra large sizes.

Also available: models with additional features suitable for specific industry applications

3M™ Protecta® Pro™ Harnesses

Quality and safety for everyday workers.

Full-body harnesses are genuine working tools that allow you to get on with your job without worrying about safety. That's why our all new re-designed and upgraded 3M™ Protecta® PRO Full-Body Harness Range offers a choice of harnesses for every possible working environment, from general construction to tower work.

Features and Benefits:

Buckle Options
- Pass Through for simple, safe connection.

Chest Strap
- Optimum position for connection to lanyards and systems.
- Keeps connectors out of the users face.

Spring Loaded Torso Adjusters
- Spring loaded grip bar ensures no webbing slippage.
- Easier to adjust with pull down adjustment.

Webbing Management
- Spare torso webbing stored through hip strap.
- All stitch blocks are away from the body for greater comfort.

Contrasting Leg & Chest Strap
- Reduces donning time.

Large Rear D-ring
- Easier to connect, increased safety.
- Can be used for rescue.

Protected Labels
- Protective Velcro® sealed pouch.
- Ensures easy identification and inspection.

Body Harnesses

3M™ Protecta® Pro Riggers Harness

Ideal for rigging, rescue, construction, elevated work platforms, work positioning, ladder access work, confined space access and general height safety.

Front & rear fall arrest rated D-ring, confined space retrieval/attachment points, easy adjust hardware, sub-pelvic strap, adjustable chest, shoulder & leg straps.

3M Order Code	Model #	Description
70007951984	AB123S	Small
70007950937	AB123M	Medium
70007951695	AB123L	Large
70007953014	AB123XL	Extra Large

3M™ Protecta® Pro Riggers Harness with Adjustable Integral Lanyard & Scaffold Hook

3M Order Code	Model #	Description
70804400680	AB126-34S	Small
70804400672	AB126-34M	Medium
70804400664	AB126-34L	Large
70804400698	AB126-34XL	Extra Large

3M™ Protecta® Pro Riggers Harness with Adjustable Integral Lanyard & Snap Hook

3M Order Code	Model #	Description
70804400706	AB126-36S	Small
70008280060	AB126-36M	Medium
70007952867	AB126-36L	Large
70804400714	AB126-36XL	Extra Large

3M™ Protecta® Pro Riggers Harness with Elasticated Integral Lanyard & Snap Hook

3M Order Code	Model #	Description
70804400771	AB127-36S	Small
70804400763	AB127-36M	Medium
70804400755	AB127-36L	Large
70804400789	AB127-36XL	Extra Large

3M™ Protecta® Pro Riggers Harness with Elasticated Integral Lanyard & Scaffold Hook

3M Order Code	Model #	Description
70804400730	AB127-34S	Small
70007952982	AB127-34M	Medium
70804400722	AB127-34L	Large
70804400748	AB127-34XL	Extra Large

3M™ Protecta® Pro Scaffolders Harness

Ideal for scaffolding, rigging, rescue, construction, ladder access work, roof work and general height safety.

Front & rear fall arrest rated D-ring, confined space retrieval/attachment points, easy adjust hardware, sub-pelvic strap, padded heavy duty comfort tool belt, adjustable chest, shoulder & leg straps.

3M Order Code	Model #	Description
70804400649	AB125S	Small
70007950945	AB125M	Medium
70008280417	AB125L	Large
70804400656	AB125XL	Extra Large

3M™ Protecta® Pro Welders Harness

Ideal for use during welding, cutting, electrical maintenance and other high temperature 'Hot Work' applications

Large rear fall arrest rated D-ring, Front fall arrest rated D-ring, Pass-thru buckles on chest and leg straps, Durable polyester Kevlar® fibre webbing construction.

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company

3M Order Code	Model #	Description
70804400805	AB128S	Small
70007952966	AB128M	Medium
70804400797	AB128L	Large
70008280029	AB128XL	Extra Large

3M™ Protecta® Pro Tower Workers Harness

Ideal for Use in linesman/ tower work, and industries where a harness must be used for climbing, suspension, positioning or rescue

Front & dorsal fall arrest rated D-ring, pelvic strap, confined space retrieval/attachment points, adjustable waist belt, leg, shoulder & chest straps, side D-rings, tool loops, integral dorsal extension, pole / restraint side attachment points, work positioning buttock seat, wide padded lower back pad

3M Order Code	Model #	Description
70804400813	AB129-2S	Small
70007952859	AB129-2M	Medium
70007951976	AB129-2L	Large
70804400821	AB129-2XL	Extra Large

3M™ Protecta® Pro All Purpose Harness

Ideal for use in multi purpose applications including confined space entry, rigging, construction, ladder access work, positioning and general height safety.

Front & rear fall arrest rated D-ring, confined space retrieval/attachment points, easy adjust hardware, sub-pelvic strap, integrated shoulder & lower back/ hip pads, adjustable chest, shoulder & leg straps.

3M Order Code	Model #	Description
70008280474	AB124S	Small
70007950929	AB124M	Medium
70007952594	AB124L	Large
70007953048	AB124XL	Extra Large

3M™ Protecta® Construction Workers Kit

AA410AU

Pro Construction Workers Kit

3M Order Code	Model #	Description
70007930384	AA410AU	Pro Climbing Harness (AB123M), 3.3 m Rebel Personal SRL (3100447), 1.5 m round anchor strap (AM450/150AU), backpack storage bag

Pro Roof Workers Kit

3M Order Code	Model #	Description
70007928479	AA400AU	Pro Climbing Harness (AB123M), 15 m kernmantle rope lifeline with 0.55 m integral shock absorbing lanyard, 1.5 m tie-off adaptor anchor strap (AM500/150AU), backpack storage bag

3M™ Protecta® First™ Harness

Fall protection that's there when you need it.

Every at height worker deserves to be safe, no matter the size or nature of the job. That's why Protecta® products have become the choice of safety managers looking for reliable fall protection solutions that comply with safety regulations and help their workers get the job done.

Features and Benefits:

Multiple attachment points
- Front, rear, side D-rings for multiple work positions.

Confined space access
- Shoulder retrieval attachment points.
- Added comfort
  Waist belt and padded hip/lower back pad.

3M™ Protecta® First™ Construction Harness

Construction harness with front, rear, side D-rings, retrieval attachment points, waist belt and padded hip/lower back pad.

3M Order Code		Description
AT010621582	1390062A	Medium

3M™ Protecta® First™ Industrial Harness

Industrial harness with front and rear fall arrest rated D-ring, adjustable leg, chest & pelvic straps.

3M Order Code		Description
AT010621574	1390061A	Medium

Industrial harness with integral lanyard w/snap hook

3M Order Code		Description
AT010621590	1390063A	Adjustable 2m Lanyard, Snap hook end

Industrial harness with integral lanyard w/scaffold hook

3M Order Code		Description
AT010621608	1390064A	Adjustable 2m Lanyard, Scaffold hook end

3M™ Protecta® Fall Protection Kits

AA1000AU

First™ Construction Workers Kit

3M Order Code		Description
70007929576	AA1020AU	First Fall Arrest Harness (AB17510AU), 1.8 m Rebel Personal SRL (3100445), 1.5 m round anchor strap (AM450/150FAU), packed in a rugged re-useable carry bucket

First™ Roof Workers Kit

3M Order Code		Description
70007925012	AA1000AU	First Fall Arrest Harness (AB17510AU), 15 m kernmantle rope lifeline with 1 m integral shock absorbing lanyard, 1.5 m round anchor strap (AM450/150FAU), packed in a rugged re-useable carry bucket

3M™ Protecta® Miners Belts

PVC coated detachable battery pack and self rescue straps, reflective tape, single rear D-ring, double D-ring at front and padded waist pad.

AB001AU

AB002AU

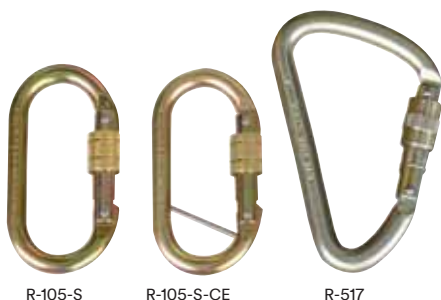| 3M Order Code	Model #	Description
70007946158	AB001AU	Belt model
70007945556	AB002AU	Belt with integral crossover shoulder straps

Connectors

Specific jobsites call for unique connectors. That's why we developed a complete line, all rigorously tested to meet almost all applications.

Connectors

3M™ DBI-SALA® Karabiners Double Action Screw Gate

R-105-S   R-105-S-CE   R-517

3M Order Code	Model #	Description
70007925020	R-105-S	18 mm gate opening
70007927372	R-105-S-CE	18 mm gate opening with captive eye
70007928057	R-517	26 mm gate opening, 16 kN

3M™ DBI-SALA® Karabiners Triple Action Autolock

R-113   R-119

3M Order Code	Model #	Description
70007926986	R-113	20 mm gate opening with captive eye, 16 kN
70007930558	R-119	20 mm gate opening with captive eye (stainless steel), 16 kN

3M™ DBI-SALA® Cobra Automatic Rope Grab

AC202/02AU

3M Order Code	Model #	Description
70007926960	AC202/02AU	Horizontal/vertical work. Includes karabiner and integral shock pack, for use on 12-14 mm 3 strand rope or 11-13 mm kernmantle rope
70007956975	AC202/03AU	For vertical/horizontal use. Includes triple action stainless steel karabiner and integral shock pack, for use on 12-14 mm 3 strand rope or 11-13 mm kernmantle rope

3M™ DBI-SALA® Karabiners Double Action Autolock

2000117   2000114

3M Order Code	Model #	Description
70007925079	2000117	20 mm gate opening with captive eye, 16 kN
70007928651	2000114	54 mm gate opening with captive eye, 16 kN

3M™ DBI-SALA® Scaffold Hooks

3M Order Code	Model #	Description
70007935623	H202	110 mm gate opening

3M™ DBI-SALA® Vertical Systems

Also available:
- Specialty Lad-Saf™ climb assist systems
- Railok™ 90 rail systems

Lad-Saf™ Kits

3M Order Code	Model #	Description
70007928578	LS-B	Bolt on system, galvanised
70007928511	LS-W	Weld on system, galvanised

Also available stainless steel model

Lad-Saf™ Sleeve

3M Order Code	Model #	Description
70007484242	6160052	Lad-Saf X3+ Detachable Cable Sleeve

3M™ DBI-SALA® Rope Lifeline Assembly

15 m system, 11 mm Kernmantle rope lifeline with sewn thimbled eye, snap hook at one end and sewn end stop on the other.

Also available: 20, 25, 30 and 50m system lengths

E711-015-36-58

3M Order Code	Model #	Description
70007934055	E711-015-36-58	Lifeline Assembly
70007927182	P6711-015-36-58	Lifeline with Integral Manual Rope Grab (horizontal / angle work)
70007931903	P67110153658Z	Lifeline with Integral Manual Rope Grab and shock absorbing lanyard (horizontal / angle work)

3M™ DBI-SALA® Wire Pole Straps

3M Order Code	Model #	Description
70007941134	E850-3.0M	3 m Wire Core Pole Strap with Rope Grab & Double Action Snap Hook. **Also Available:** 4 m

3M™ DBI-SALA® Rope Pole Straps

3M Order Code	Model #	Description
70007927687	E90252559	2 m Rope Pole Strap with lightweight rope grab adjuster and R-119 stainless steel triple action karabiners on both ends. **Also Available:** 2.5 m and with a range of end fittings

3M™ DBI-SALA® Webbing Pole Straps

E613RPY0250909

E613-B-020-56-56

E601-020

3M Order Code	Model #	Description
70007927653	E601-020	2 m Pole Strap with Double Action Snap Hooks & Friction Adjuster. **Also Available:** 2.5 m and 3 m
70007928008	E613-B-020-56-56	2 m Pole Strap with Light Weight Aluminium Double Action Snap Hooks & Friction & Adjuster Plate **Also Available:** 2.5 m and 3 m
70007934550	E613RPY0250909	2.5 m REPEL™ Pole Strap with REPEL™ Technology Webbing, Double Action Trigger Snap Hooks and Friction & Adjuster Plate. **Also Available:** 3 m and 3.5 m

3M™ DBI-SALA® EZ-Stop™ Shock Absorbing Lanyards Webbing

Z51204545

Z51203636

Z90203634E

Z60203634E

3M Order Code	Model #	Description
70007926887	Z51203636	Single tail, adjustable 2.0 m overall length
70007933925	Z51204545	Single tail, adjustable, 2.0 m overall length
70007928750	Z90203634E	Single tail, elasticated 2.0 m overall length
70007927133	Z60203634E	Double tail, elasticated rope 2.0 m overall length

3M™ DBI-SALA® Force2™ Shock Absorbing Lanyards

Built for toughness and exceptional performance - trust the best!

All DBI-SALA Force2 shock absorbing lanyards are available in either single or double tail configurations constructed from webbing, wire or rope in a variety of styles (elasticated, non-elasticated, adjustable and tie-back), and are available with a wide combination of hook & karabiner terminations to suit your specific needs and applications.

Features and Benefits:

- Smallest shock absorber in the world 66% smaller* & 40% lighter*
- Expanded range of connectors for all industry applications and demands
- Lightest & strongest connector combinations on the market
- REPEL™ Technology webbing
- Shock absorber includes HI-10™ high tenacity fiber energy management material
- Protected labels
- RFID equipped
- All new triple action snap & scaffold hooks
- 16 kN gate strength on all hooks/ karabiners

3M™ DBI-SALA® Force2™ Shock Absorbing Lanyards Webbing Range

Z11200909

Z12202519E

Z10202580E

3M Order Code	Model #	Description
70007925608	Z11200909	Single tail adjustable 0, 2.0 m overall length. Available in either flat webbing (adjustable or non adjustable), or elasticated webbing variants.
70007925418	Z12202519E	Twin tail, elasticated, 2.0 m overall length. Available in either flat webbing (adjustable or non adjustable), or elasticated webbing variants.
70007949277	Z10202572WB	WrapBax™ Tie-Back, Single tail, 2.0 m overall length. Available in flat webbing in either single or twin tail variants.
AT019425548	Z10202580E	Comfort Grip Connector Force 2 Single Elasticated, 2mAluminium Snap Double Action

3M™ DBI-SALA® Force2™ Shock Absorbing Lanyards Cable & Rope Range

Z10204545WR

Z10200909R

Z11204545CR

Z12202519R

Z13206129R

3M Order Code	Model #	Description
70007931960	Z10200909R	Single tail, 2.0 m overall length
70007925889	Z12202519R	Twin tail, 2.0 m overall length
70007927190	Z13206129R	Twin tail, adjustable, 2.0 m overall length
70007929956	Z11204545CR	Cut resistant, Single tail, 2.0 m overall length
70007939757	Z10204545WR	Cable Single tail, 2.0 m overall length

If a dorsal extension is part of your harness the maximum lanyard assembly permitted is 1.7 m or less.

Connectors

3M™ DBI-SALA® Force2™ Shock Absorbing Wind Energy Rescue Lanyard

Incorporating rescue D-rings and heavy duty wear pads, this lanyard has been specifically designed and developed to meet the demands of the wind energy industry.

3M Order Code	Model #	Description
70007930707	Z60200919EW	Twin Tail, Elasticated, 2.0m overall length

3M™ DBI-SALA® Force2™ Shock Absorbing Resist Lanyards

Coated with an extruded polyurethane coating to provide superior protection against grease, oil, paint, dirt and grime; ideal for use in the petrochemical and painting industries.

3M Order Code	Model #	Description
70007937819	Z91200909	Single Tail, 2.0m overall length

3M™ Protecta® First™ Shock Absorbing Lanyard

AT010621624

AT010621616

3M Order Code	Description
AT010621624	Single Tail, 2m adjustable with snap hook on both ends
AT010621616	Twin tail, 2m with scaffold hooks on both ends

3M™ Protecta® Pole Strap

3M Order Code	Model #	Description
70007927703	AF725AU	2.5 m with adjuster, snap hooks & protective sleeve

3M™ DBI-SALA® Force2™ Shock Absorbing Welders Lanyards

High temperature lanyards constructed from Nomex®/Kevlar® fibre webbing, ideal if you are welding, cutting or grinding, or in a potentially explosive or high-voltage electrical environment.

Nomex® and Kevlar® are registered trademarks of E.I. du Pont de Nemours and Company

3M Order Code	Model #	Description
70007930814	Z90200909NKE	Nomex®/Kevlar® fibre webbing, Single Tail, Elasticated, 2.0m overall length

3M™ Protecta® Pro Shock Absorbing Lanyards

AE529ADJ/3AU

AE529EY/5AU

3M Order Code	Model #	Description
70007925442	AE529/3AU	Single tail, 2 x snap hooks, 2.0 m
70007927414	AE529/13AU	Single tail, 2 x snap hooks, 1.5 m
70007926721	AE529/25AU	Single tail, 1 x snap hook, 1 x karabiner, 1.0 m
70007940599	AE529E/3AU	Single tail, elasticated, 2 x snap hooks, 2.0 m
70007926879	AE529EY/5AU	Double tail, elasticated, 1 x snap hook, 2 x scaffold hooks, 2.0 m
70007927315	AE529Y/5AU	Double tail, 1 x snap hook, 2 x scaffold hooks, 2.0 m
70007928537	AE529ADJ/3AU	Single tail, adjustable, 2 x snap hooks, 0.75-2.0 m

3M™ DBI-SALA®
Self Retracting Lifeline

Backed by decades of proven field service for absolute confidence!

These self retracting lifelines (SRL's) are anchored overhead and extend and retract automatically, letting you comfortably move about at your normal speed within a recommended working area.

Features and Benefits:

Easy-to-install Connector
- Provides 360 degrees rotation which leaves D Ring open for recuse

Tough and flexible webbing or galvanised cable lifelines
- Provides maximum range of motion, durability and cut resistance

Integrated, backpack-style energy absorber
- Energy absorber and connector work together to limit forces on both the worker and the leading edge

Impact-resistant housing
- Lightweight thermoplastic housing for maximum durability

Hook or karabiner options
- Designed to meet your unique need the Nano-Lok comes in multiple configurations

Connectors

3M™ DBI-SALA® Nano-Lok™ LE Self Retracting Lifelines

3M Order Code	Model #	Description
70007951729	3101639-75	2.4 m single webbing lifeline, steel triple action karabiner
70007446902	3101638	2.4 m single webbing lifeline, steel snap hook
70007455689	3101488	2.4 m single webbing lifeline, aluminium scaffold hook
70007462875	3500254	2.4 m single cable lifeline, steel snap hook
70007940938	3101641-75	2.4 m twin webbing lifelines, steel triple action karabiners
70007446910	3101640	2.4 m twin webbing lifelines, aluminium scaffold hooks
70007456471	3500255	2.4 m twin cable lifelines, aluminium scaffold hooks

3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifelines

3M Order Code	Model #	Description
70007455226	3101330	1.8 m single webbing lifeline with quick connector anchorage connection and steel snap hook. Also available: with stainless steel or swivel snap hook
70007444188	3101331	1.8 m single webbing lifeline with quick connector anchorage connection and aluminium scaffold hook. Also available: with steel scaffold hook
70007444212	3101336	1.8 m single webbing lifeline with cab mount anchorage connection and steel swivel snap hook
70007455234	3101339	1.8 m Single webbing lifeline with steel triple action karabiners. Also available: with stainless steel triple action karabiners
70007931986	3101342	1.8 m single webbing lifeline with steel triple action karabiner connection and steel scaffold hook on lifeline. Also available: with stainless steel triple action karabiner and aluminium scaffold hook
70804430034	3101343	1.8 m single webbing lifeline with quick connector anchorage connection and steel triple action karabiner. Also available: with stainless steel triple action karabiner
70007455242	3101345	1.8 m twin webbing lifelines with quick connector anchorage connection and two steel scaffold hooks. Also available: with aluminium scaffold hook

3M™ DBI-SALA® Nano-Lok™ Extended Length Self Retracting Lifelines

3101615   3101644

3M Order Code	Model #	Description
70007456174	3101615	3.4 m webbing lifeline with snap hook and quick connector for direct harness mounting
70007446944	3101644	2.8 m webbing lifeline with scaffold hook and quick connector for direct harness mounting

3M™ DBI-SALA® Ultra-Lok™ RSQ SRL

3M Order Code	Model #	Description
70007463279	3504555	15 m stainless steel cable lifeline and swivel snap hook, dual mode SRL's with rescue function (assisted rescue tool and First-Man-Up™ pole available separately if required)

3M™ DBI-SALA® Ultra-Lok™ SRL's

Rugged, lightweight and superbly engineered. The professional's choice.

3504430

3M Order Code	Model #	Description
70007447116	3103107	3.4 m webbing lifeline **Also available:** 6 m
70007456570	3504430	10 m galvanised cable lifeline **Also available:** 6 m and 15 m with either triple action Karabiners ideal for use in mining or swivel snap hook

3M™ DBI-SALA® Sealed-Blok SRL's

Sealed design makes it ideal for working in even the harshest of environments. All Sealed-Blok Self Retracting Lifelines feature an ergonomic integral carrying handle and anchorage karabiner

3M™ DBI-SALA® Fast-Line™ Lifeline Replacement Solution

FAST-Line™ allows the lifeline assembly to be replaced in the field by trained users in 4 easy steps.
Contact your 3M Fall Protection Specialist for more information

3400950

	3M Order Code	Model #	Description
▢	70007450631	3400805	9 m stainless steel cable lifeline with stainless steel swivel snap hook
▢	70007459541	3400806	9 m galvanised cable lifeline with swivel triple action karabiner
▢	70007460077	3400950	15 m galvanised cable lifeline with swivel snap hook
▢	70007460085	3400951	15 m stainless steel cable lifeline with stainless steel swivel snap hook
▢	70007459772	3400866	25 m galvanised cable lifeline with swivel snap hook
▢	70007459780	3400867	25 m stainless steel cable lifeline with stainless steel swivel snap hook
▢	70007452074	3400971	40 m galvanised cable lifeline with swivel snap hook
▢	70007452082	3400972	40 m stainless steel cable lifeline with stainless steel swivel snap hook

3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifelines for Hot Work Use

Reinforced webbing lifelines constructed from Nomex®/Kevlar® fibre webbing to withstand sparks, weld splatter and other high heat exposure. Ideal for Welding, Grinding and High Heat Applications.

3101523   3101521   3101524

3M Order Code	Model #	Description
70007445680	3101523	1.8 m single Nomex®/Kevlar® fibre webbing lifeline with steel snap hook, karabiner harness connector
70007445672	3101521	1.8 m, single Nomex®/Kevlar® fibre webbing lifeline with steel scaffold hook, quick connector for direct harness mounting
70007455838	3101524	1.8 m, twin Nomex®/Kevlar® fibre webbing lifelines with steel scaffold hooks, quick connector for direct harness mounting

Nomex® and Kevlar® are registered trademarks of E.I. du Pont de Nemours and Company
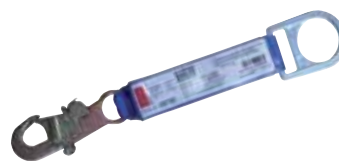
Connectors

3M™ DBI-SALA®
Load Arrestors

3700300

3M Order Code	Model #	Description
70007939997	3700300	12 m of galvanised cable, 300 kg load rating
70008284336	3700400	8 m of galvanised cable, 400 kg load rating
70007955027	3700501	5 m of galvanised cable, 500 kg load rating
70007964888	3700801	4 m of galvanised cable, 800 kg load rating

3M™ DBI-SALA®
SRL Accessories

Z6

SRL and
Beam Trolley
not included   8102102

3M Order Code	Model #	Description
70007933040	Z6	Shock absorbing unit for leading edge work
70007491528	8102102	Power Tagline System. Provides remote access to overhead mounted SRL's

3M™ Protecta®
Karabiners

AJ514   R-105-S   R-105-S-CE   AJ593

3M Order Code	Model #	Description
70007780581	AJ514	Double action, auto-lock, 16 mm opening
70007925020	R-105-S	Double action, screw gate, 18 mm opening
70007927372	R-105-S-CE	Double action, screw gate, 18 mm gate opening with captive eye
70007780649	AJ593	Double action, auto-lock, 50 mm opening

3M™ Protecta®
Hooks

*These hooks are manufactured to be permanently attached to spliced or webbing lanyards and other height safety products and are not sold separately.

2000161*   AJ592

3M Order Code	Model #	Description
70007942272	2000161	Double action, snap hook, 19 mm gate opening
70007937918	AJ592	Double action, anchor hook, 89 mm opening (Sold separately)

3M™ Protecta®
Rope Grabs & Lifelines

AC415MBAU   AC202   AC400

3M Order Code	Model #	Description
70007780706	AC202	Cobra Rope Grab - suits 12-14 mm 3 strand rope only (horizontal/vertical work)
70007926960	AC202/02AU	COBRA Automatic Rope Grab - with karabiner and integral shock pack, for 12-14mm 3 strand rope or 11-13mm kernmantle rope (for vertical/horizontal use)
70007956975	AC202/03AU	COBRA Automatic Rope Grab - with triple action stainless steel karabiner and integral shock pack, for 12-14mm 3 strand rope or 11-13mm kernmantle rope (for vertical/horizontal use)
70007949103	AC3000/10	10 m Cabloc Vertical Lifeline Kit Also available: AC3000/20 (20 m), AC3000/30 (30 m)
70007781688	AC400	Viper Rope Grab - suits 10.5-11 mm kernmantle rope only (horizontal work)
70007942264	AC415AU	15 m system, 11 mm kernmantle rope lifeline, karabiner, sewn thimbled eye and sewn end stop Also available: AC420AU (20 m) system, AC425AU (25 m) system, AC430AU (30 m) system
70007929683	AC415MAU	15 m system, 11 mm kernmantle rope lifeline assembly system with integral manual rope grab, karabiner, sewn thimbled eye and sewn end stop Also available: AC420MAU (20 m) system, AC430MAU (30 m) system
70007928495	AC415MBAU	15 m system, 11 mm kernmantle rope lifeline assembly system with integral manual rope grab and shock absorbing lanyard, karabiners, sewn thimbled eye and sewn end stop Also available: AC420MBAU (20 m) system, AC430MBAU (30 m) system

3M™ Protecta® Rebel ™ Self Retracting Lifelines

Absolute Confidence, Total Compliance

The Rebel™ self retracting lifeline (SRL) line is built to last providing an economical fall protection solution without compromising performance or safety. Rebel™ SRL's feature a 190 kg user capacity, a robust design to ensure longevity and are available in lengths from 6m to 30m.

Features and Benefits:

Thermoplastic Housing
- Lightweight, compact and durable

Stackable
- Housing design allows for stacking on work surfaces

Side Cable Exit
- Enables smooth operation and reduces cable wear

Galvanised and SS Cable
- Stainless steel option for added corrosion resistance

Self Locking Snap Hook
- Automatically closes and locks for added safety. Models with triple action karabiners also available.

Ergonomic Carrying Handle
- Built-in design makes transport, set-up and storage easy

Ergonomic Cable Handle
- Provides added comfort and ease-of-use when making connections

Impact Indicator
- Provides visual indication of fall arrest

Swivel Hook
- Limits lifeline twisting

16 kN Gate Capacity
- Reduces chance of accidental disengagement ("roll-out")

All Rebel™ Self Retracting Lifelines come complete with connecting karabiners on housing:

All Rebel™ SRL's Mining Specific models feature triple action karabiners on anchorage and lifeline connectors

3M™ Protecta® Rebel ™ Personal Self Retracting Lifelines

Complete with connecting karabiner on housing

3590025   3100445

3M Order Code	Model #	Description
70007443099	3100445	1.8 m, webbing, triple action karabiner
70007454393	3100447	3.3 m, webbing
70007454401	3100448	6 m, webbing
70007464855	3590025	4.5 m, galvanised cable (for hot work use)

3M™ Protecta® Rebel™ Self Retracting Lifelines

Complete with connecting karabiner on housing and swiveling fall indicator snap hook

3590570   3590610

3M Order Code	Model #	Description
70007458675	3590520	6 m, galvanised cable, thermoplastic housing
70007464996	3590521	10 m, galvanised cable, thermoplastic housing
70007460440	3590570	15 m, galvanised cable, thermoplastic housing
70007460549	3590610	20 m, galvanised cable, thermoplastic housing
70007460622	3590690	30 m, galvanised cable, thermoplastic housing. **Also available:** with stainless steel cable and aluminium housing. Mine spec models also available featuring triple action karabiners on housing and swivel impact indicating karabiners on lifeline.

3M™ Protecta® Pro Welders Shock Absorbing Lanyards

High Temperature Lanyards - Ideal for use during welding, cutting, electrical maintenance and other high temperature 'Hot Work' applications.

AE529/5W

AE529/9W

AE529/3W

AE529Y/3W

AE529Y/5W

AE529Y/5W

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company

3M Order Code	Model #	Description
70007944229	AE529/3W	Single tail, Kevlar® fibre webbing, 2.0 m overall length with snap hooks on both ends
70007942900	AE529/5W	Single tail, Kevlar® fibre webbing, 2.0 m overall length with snap hook and scaffold hook on tail
70007948808	AE529/9W	Single tail, Kevlar® fibre webbing, 2.0 m overall length with triple action karabiners on both ends
70007943163	AE529Y/3W	Double tail, Kevlar® fibre webbing, 2.0 m overall length with snap hooks on all ends
70007934022	AE529Y/5W	Double tail, Kevlar® fibre webbing, 2.0 m overall length with snap hook and scaffold hooks on tails
70007947156	AE529Y/9W	Double tail, Kevlar® fibre webbing, 2.0 m overall length with triple action karabiners on all ends

Descent & Rescue

Thanks to 3M, not only keeping the worker safe, but getting him safely back on terra firma has never been easier with our rescue equipment. Need rescue gear such as an automatic ascender or descender to help solve the problem? We offer the most complete line of safe and effective rescue systems in the industry, trusted by safety engineers and site directors.

3M™ DBI-SALA® 5-Piece Hoist System

The most advanced in retrieval system.

Designed for manhole and confined space entry/retrieval applications. The Davit pivots for ease of rescue and has an adjustment for overhead clearance restrictions. The lower base adjusts to fit most standard entries. A range of bases and masts are available.

Features and Benefits:

- Full versatility of head and arm extension regardless of the front / back mounted SRL / winch
- Certified to AS/NZS 5532:2013 in all configurations
- 2 devices (SRL / winch) can be fixed on the davit
- Single user as per AS/NZS 5532
- 2 anchor points for direct connection with fall arrest PPE
- 2 guided cable lifelines from a 3M™ mounted SRL.
- Rescue line with a mounted 3M™ DBI-SALA® rescue winch or 3M™ SRL with built-in rescue winch
- Raising / lowering line for people or load with a mounted 3M™ DBI-SALA® man and load-riding digital winch.
- Front or back mounting choice is possible to allow the most convenient positioning for the user.
- Selection of one of the 2 davit mast extension options allows the user to select the best height setting for the operating environment.
- Multiple pins position of the gusset arm and head allows the user to adjust the best reach and height needed for the application.
- Fixed bases in galvanized steel or stainless steel are available to accommodate a variety of anchorage locations.
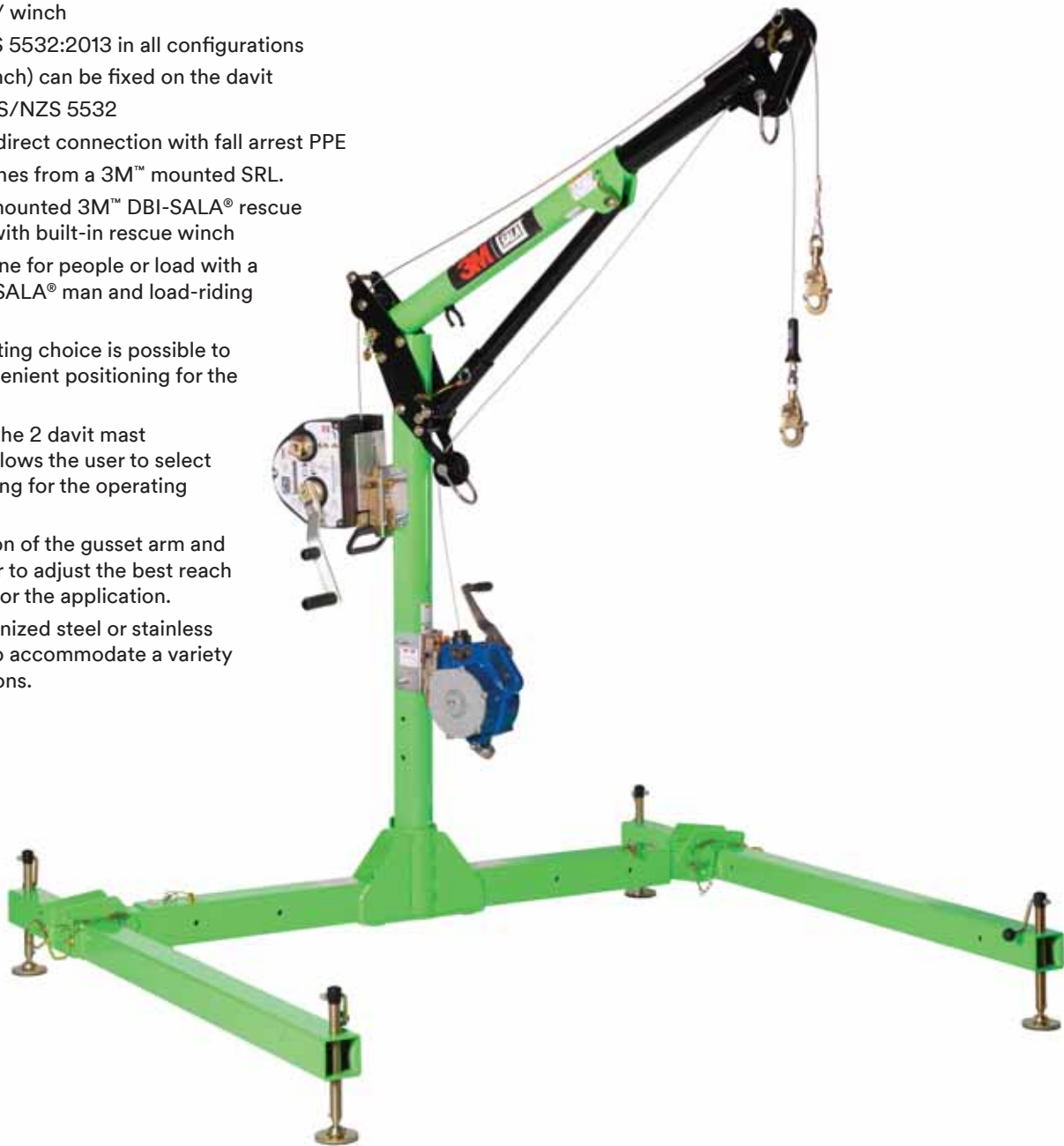
3M Order Code	Model #	Description
70804508425	8000132	Includes Short Reach Davit Arm High Capacity 84 cm Mast Extension
70804508433	8000133	Includes long Reach Davit Arm High Capacity, 84 cm Mast Extension

3M™ DBI-SALA® Tripods

Note: Tripods come standard with integral pulley system and one quick connect winch/SRL mounting bracket.

3M Order Code	Model #	Description
70007488417	8000000	2.1 m, aluminium, square legs
70007490959	8000010	2.7 m, aluminium, square legs

3M™ DBI-SALA® Emergency Retrieval Sealed-Blok SRL's

Sealed design makes it ideal for working in even the harshest of environments. All Emergency Retrieval Sealed-Blok Self Retracting Lifelines feature an ergonomic integral carrying handle and anchorage karabiner

3400944

3400986

3M Order Code	Model #	Description
70007460069	3400944	15 m stainless steel cable lifeline with stainless steel swivel snap hook and RSQ feature
70007460093	3400955	15 m galvanised cable lifeline with swivel snap hook
70007452025	3400956	15 m stainless steel cable lifeline
70007451720	3400880	with stainless steel swivel snap
70007459830	3400881	25 m galvanised cable lifeline with swivel snap hook
70007460168	3400985	25 m stainless steel cable lifeline with stainless steel swivel snap
70007452157	3400986	40 m galvanised cable lifeline with swivel snap hook

3M™ DBI-SALA® Advanced Digital Winches

Also available: stainless steel cable and Technora rope models

8518560

3M Order Code	Model #	Description
70007496816	8518560	18 m, 5 mm galvanised cable
70007496824	8518561	27 m, 5 mm galvanised cable
70007498184	8518582	58 m, 5 mm galvanised cable

3M™ DBI-SALA® Tripods Accessories

8003205   8003238

3M Order Code	Model #	Description
70007488649	8003205	Snatch block, eye bolt pulley assembly
70007488656	8003238	Leg mount pulley bracket
70007489506	8005048	Mounting Bracket to fit SRL/Winch to Tripod Leg
70007612537	9503094	Tripod carry bag for 8000000
70007612545	9503095	2.1 m tripod, Tripod carry bag for 8000010, 2.7 m tripod

3M™ DBI-SALA® Emergency Retrieval Sealed SRL Accessories

3M Order Code	Model #	Description
70007452256	3401025	Mounting Bracket to fit Sealed Blok Retrieval SRL's to tripod leg

3M™ DBI-SALA® Salalift™ II Winch

Also available: stainless steel cable models

8102001

3M Order Code	Model #	Description
70007489712	8102001	18 m, 6 mm galvanised cable
70007489746	8102009	27 m, 5 mm galvanised cable
70007489720	8102005	36 m, 5 mm galvanised cable

3M™ DBI-SALA® Basic Digital Winches

8518669

3M Order Code	Model #	Description
70007496907	8518669	15 m galvanised cable
70007496915	8518670	15 m galvanised cable

3M™ DBI-SALA® Spreader Bar

3M Order Code	Model #	Description
70007926135	E522-SB1	Spreader bar with karabiner connections

3M™ DBI-SALA® Side Entry System

Designed for confined space entry/retrieval and rescue operations involving horizontal entries with vertical positioning or retrieval required inside the space. Note: Mechanical devices and attachments sold separately.

3M Order Code	Model #	Description
70007493102	8511233	Side entry system package for use with external adjustment tank collar
70007493094	8516693	Permanently mounted bases External adjustable tank collar

3M™ DBI-SALA® Portable Fall Arrest Posts

For use on top of transformers or other types of platforms with potential fall hazards. A range of mounting bases are available for multiple applications as well as a detachable davit arm for use in rescue.

Note: Mechanical devices and attachments sold separately.

3M Order Code	Model #	Description
70007495354	8516691	Portable Fall Arrest System
70007495370	8516693	Rescue Davit Arm

3M™ DBI-SALA® Bases and Mounting Options

DBI-SALA Advanced portable and Fixed bases work with a variety of davit arm and mast extensions to suit a variety of applications. **Fixed Bases** are ideal for work areas where frequent set-up and tear-down is required and a base can be permanently installed to an existing structure. **Portable Bases** are ideal when you need to move and access various confined space areas. **Also available:** a wide range of other fixed and portable bases in stainless steel and galvanised steel are also available, contact us for more information, or for assistance in determining the most appropriate base for your needs.

Fixed Bases

3M Order Code	Model #	Description
70007932778	8518348	Wall Mount Sleeve (Stainless Steel)
70007492906	8510316	Flush Mount Sleeve (Zinc Plated Steel)
70007929709	8512831	Centre Mount Sleeve (Zinc plated Steel)

Portable Bases

3M Order Code	Model #	Description
70007492914	8510323	Barrel Mount Sleeve (Zinc plated steel)
70007493011	8510520	Manhole Collar (Aluminium)

For more information on the complete range of DBI-SALA Confined Space safety systems and options, visit 3M.com.au/FallProtection or contact us.

3M™ DBI-SALA® Rollgliss™ R250 Rescue Kits

All R250 kits include: extension pole, rope & safety hook, mini-haul system, karabiners, anchorage slings and bags.

AG62501010

3M Order Code	Model #	Description
70007786976	AG62501010	10 m system. **Also available:** 20 m, 30 m and 50 m system lengths
70007926853	8900031	Heavy duty telescopic pole (for use with Rollgliss™ Rescue Kits)

3M™ DBI-SALA® Rollgliss™ Rescue Ladder

8516294

3M Order Code	Model #	Description
70007494928	8516294	2.4 m, includes 3 connecting karabiners
70007494951	8516316	Anchorage plate for mounting ladder to a davit arm or anchorage point

3M™ DBI-SALA® Rollgliss™ R550 Rescue & Escape Device – Escape Kits

10 m system, includes R550 twin brake descender, connecting karabiner on housing, 9 mm kernmantle rope with snap hooks on both ends and a storage/deployment bag.

3328010

3M Order Code	Model #	Description
70007931325	3328010	**Also available:** 20 m, 40 m, 60 m, 100 m, 120 m, 150 m

3M™ DBI-SALA® Self Rescue Descender System (SRD)

All SRD kits include: descender, kernmantle rope, karabiner (SRD1 series), hammerlok with snap hook (SRD2 series), U bolt, storage/deployment box, tracer wire with R-clip, spacer and certification tag.

SRD1-20

3M Order Code	Model #	Description
70007942017	SRD1-20	20 m system, SRD1 series **Also available:** 25 m and 30 m systems
70007958757	SRD2-20	20 m system, SRD2 series **Also available:** 25 m and 30 m systems

3M™ DBI-SALA® Rollgliss™ R350 Rescue System

All R350 kits include: rope unit, pulleys, rope control device with integral lanyard, anchor strap, karabiners and carry bag.

R3503030

3M Order Code	Model #	Description
70007942710	R3503015	15 m system
70007947776	R3503030	30 m system
70007946778	R3503030P	30 m system, with pick pole

3M™ DBI-SALA® Rollgliss™ R550 Rescue & Escape Device – Rescue Kits

10 m system, includes R550 twin brake descender, rescue hub with drill adaptor, connecting karabiner on housing, 9.5 mm kernmantle rope with snap hooks on both ends and a storage/deployment bag.

3M Order Code	Model #	Description
70007945366	3329010	**Also available:** 20 m, 40 m, 60 m, 100 m, 120 m, 150 m
70007941308	1907-0010	Incl: Telescopic Pole & 2 x AJ527 hooks Also available: 20 m, 40 m, 60 m, 100 m, 120 m, 150 m

3M™ DBI-SALA® Ultra-Lok™ RSQ

3500100

3504555

3500102

3M Order Code	Model #	Description
70007463279	3504555	15 m dual mode self retracting lifeline with rescue function, stainless steel hook and cable
70007453866	3500100	Assisted rescue tool (for use on First-Man-Up™ pole)
70007453874	3500102	First-Man-Up™ pole (2.4-4.8 m) with assisted rescue tool

Descent & Rescue

3M™ DBI-SALA® PenoGuard™

PenoGuard™ increases the safety of workers that need to work around penetrations.

In the closed position it serves as a cover for access holes eliminating any risk of falling through, in the open position it acts as a four sided guard rail allowing easy access to the penetration while protecting workers and bystanders around the hole.
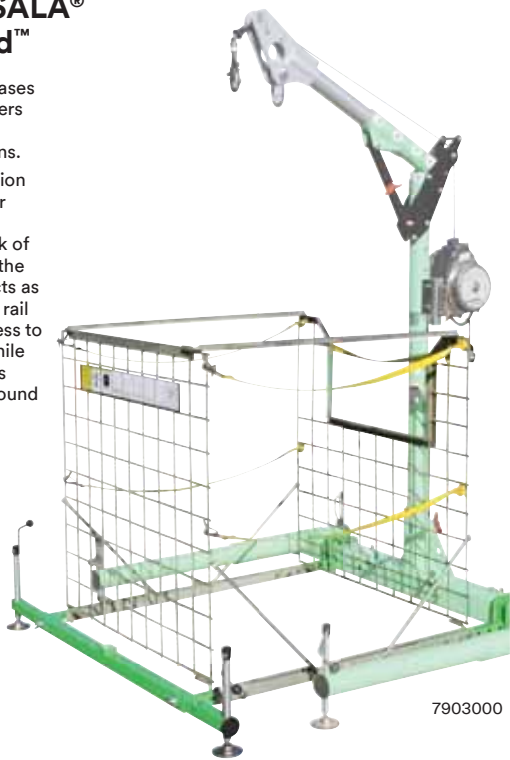
7903000

3M Order Code	Model #	Description
70008288071	7903250	PenoGuard Civil
70007964219	7903000	PenoGuard Confined Space

3M™ Protecta® Confined Space Rebel™ Retrieval Self Retracting Lifeline

*When ordering the Rebel™ Retrieval Fall Arrest SRL for use with the Tripod, order the AT052/1 pulley and the 3590498 fixing bracket.

3M Order Code	Model #	Description
70007466314	3591002	Galvanised cable, 15 m*

3M™ Protecta® Confined Space Rescue Winch

**When ordering the Rescue Winch for use with the Tripod, order the AT052/1 pulley. Alternatively order the complete system, part no. AT200/I20/P

3M Order Code	Model #	Description
70007784153	AT200/I20	Automatic locking system, 20 m**

3M™ Protecta® Confined Space Tripod and Accessories

3590498

3M Order Code	Model #	Description
70007932364	AM100	Tripod, 1.4 - 2.4 m
70007932380	AK0100	Tripod bag
70007780078	AT052/1	Pulley with karabiner for use on tripod
70007464897	3590498	Fixing bracket for 3591002 retrieval SRL

3M™ Protecta® Confined Space Kits

AA610AU

3M Order Code	Model #	Description
70007936274	AA600AU	With Personnel Winch, includes: AM100 tripod, AT200/I20 Winch, AK0100 bag, mounting bracket and pulley
70007940581	AA610AU	With Type 3 SRL, includes: AM100 tripod, 3591002 Type 3 retrieval SRL, AK0100 bag, mounting bracket & pulley

3M™ DBI-SALA®
ExoFit NEX™ Suspension
Harness with Chest Ascender

Confined space: We have you covered.

This harness comes with Front, rear, side and abdominal Tech-Lite™ aluminium D-rings, Duo-Lok™ quick connect buckles, padded lower back/hip pad, chest ascender, tool & gear loops, non-slip hybrid comfort padding, REPEL™ technology webbing and a comfort guarantee.

Features and Benefits:

Front, rear, side and abdominal Tech-Lite™ aluminium D-rings
- Extremely lightweight alloy commonly used in military and aerospace offers a higher level of security and comfort

Integral chest ascender
- For efficient entry and exit

Duo-Lok™ quick-connect buckles
- Lightweight one-handed use with memory-fit web-lock ensures fast, non-slipping connections

Padded lower back/hip pad
- For additional user comfort

Gear loops
- For easy equipment positioning

Non-slip hybrid comfort padding
- Lightweight, moisture wicking, and breathable padding won't move or slip, keeping the wearer comfortable at all times

REPEL™ technology webbing
- Water repellent to reduce attraction of mould and dirt - also has up to 5 times more abrasion resistance.

3M Order Code	Model #	Description
70007928693	783S4010	Small
70007931101	783M4010	Medium
70007933883	783L4010	Large
70007948998	783XL4010	Extra Large

Descent & Rescue

3M™ DBI-SALA® Rollgliss™ Pole Strap Connectors

3M Order Code	Model #	Description
70007927687	E90252559	2.5 m rope pole strap, lightweight rope grab adjuster with triple action karabiner, double action trigger snap hook

3M™ DBI-SALA® Self-Rescue

- Universal attachment
- EZ-Link™ D-ring
- 50 or 100 foot lengths
- Assisted-Rescue Ring & DBI-SALA
- Rescue Pole accessory
- Sealed Descent Device & Rope Spool

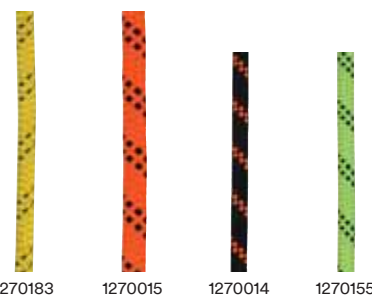| 3M Order Code	Model #	Description
70007650362	3320030	Self- Rescue 50'
70007650370	3320031	Self- Rescue 100'
70007649497	3320037	Self- Rescue Training Unit
70007650040	8900299	Self-Rescue Pole

3M™ DBI-SALA® Rollgliss™ Karabiners Connectors

8700167 8700201 2000172

8700200 2000117 8700198 R-119 2000025

3M Order Code	Model #	Description
70007927372	R-105-S-CE	Oval Karabiner, 18 mm gate opening, screw gate, captive eye, steel
70007928859	8700167	Oval Karabiner, 19 mm gate opening, screw gate, aluminium
70007928776	R-308	Small Offset D Rescue Karabiner, 14 mm gate opening, autolock, captive eye, double action, steel
70007931721	8700200	Small Offset D Rescue Karabiner, 18 mm gate opening, autolock, triple action, aluminium
70007925079	2000117	Medium Offset D Fall Arrest Karabiner, 20 mm gate opening, autolock, captive eye, double action, steel
70007930228	8700198	Medium Offset D Rescue Karabiner, 22 mm gate opening, screw gate, aluminium
70007926986	R-113	Medium Offset D Fall Arrest Karabiner, 20 mm gate opening, autolock, triple action, captive eye, steel, 16 kN gate strength
70007930558	R-119	Medium Offset D Fall Arrest Karabiner, 20 mm gate opening, autolock, triple action, captive eye, stainless steel, 16 kN gate strength
70007931804	8700201	Large Offset D Rescue Karabiner, 27 mm gate opening, screw gate, steel
70007934030	2000172	Large Offset D Rescue Karabiner, 27 mm gate opening, autolock, triple action, stainless steel
70007449591	2000025	Medium Parabiner Fall Arrest Karabiner, 19 mm gate opening, autolock, triple action, aluminium, 16 kN gate strength

3M™ DBI-SALA® Double Stop Descenders

3M Order Code	Model #	Description
70007930921	8700388	Double stop descender, anodised gold/blue aluminium, suits 12.5 - 13.0 mm rope

3M™ DBI-SALA® Rope and Cord

1270183 1270015 1270014 1270155

3M Order Code	Model #	Description
70007955043	1270183	13 mm, yellow with black fleck, per metre
70007934725	1270015	13 mm, orange with black fleck, per metre
70007935029	1270014	11 mm, navy with orange fleck, per metre
70007935037	1270155	11 mm, green with black fleck, per metre

3M™ DBI-SALA® Trigger X Adjustable Rope Positioning Lanyard

3M Order Code	Model #	Description
70804491408	1234084	Tie-Back, Single Mode, 8 ft. (2.4m)
70804491416	1234085	Single Mode, 8 ft. (2.4m)
70804491424	1234086	8 ft. (2.4m)
70804491432	1234087	Single Mode, 10 ft. (3m)
70804491440	1234088	Tie-Back, Single Mode, 10 ft. (3m)
70804493966	1234089	10 ft. (3m)
70804493974	1234090	Single Mode, 6 ft. (1.8m)
70804493982	1234091	6 ft. (1.8m)
70804493990	1234092	Tie-Back, Single 6 ft. (1.8m)

3M™ DBI-SALA® Rope Bags

8700217	8700225	8700222	8700224

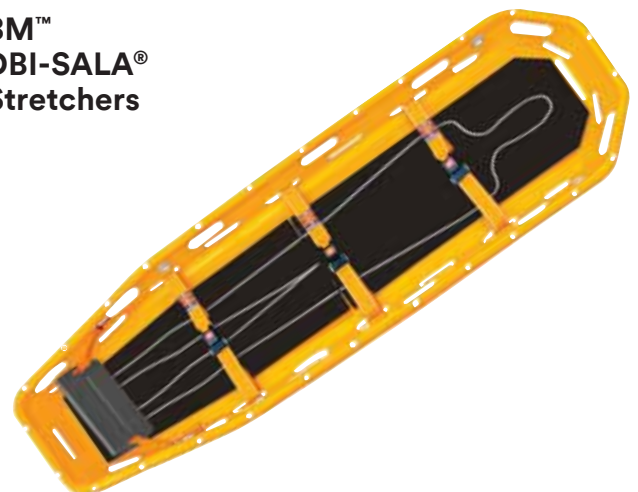| 3M Order Code	Model #	Description
70007932224	8700217	5 L, orange/black, extra small - fits approx. 7 m x 11 mm rope
70007931341	8700225	25 L, yellow, small - fits approx. 50 m x 11 mm or 25 m x 13 mm rope
70007925657	8700222	40 L, green, medium - fits approx. 100 m x 11 mm or 50 m x 13 mm rope
70007931358	8700224	60 L, red, extra large - fits approx. 300 m x 11 mm or 200 m x 13 mm rope

3M™ DBI-SALA® Spine Splint

3M Order Code	Model #	Description
70007940847	8700241	Oregon Spine Splint

3M™ DBI-SALA® RescueMate™ Auto Lock Haul Kits

8705104

3M Order Code	Model #	Description
70007931309	8704103	4:1 mechanical advantage, 5 m working length
70007933347	8704104	4:1 mechanical advantage, 10 m working length
70007930392	8704105	4:1 mechanical advantage, 15 m working length
70007952271	8704106	4:1 mechanical advantage, 20 m working length
70007928206	8705104	6:1 mechanical advantage, 10 m working length
70007935151	8705105	6:1 mechanical advantage, 14 m working length
70007934246	8705106	6:1 mechanical advantage, 20 m working length
70007946497	8705110	6:1 mechanical advantage, 40 m working length

3M™ DBI-SALA® Stretchers

3M Order Code	Model #	Description
AT010644733	8700437	Shell Basket Stretcher

3M™ DBI-SALA® FlexiGuard™ Solutions

C-Frame rail fall arrest system

A versatile system designed to be moved manually or with the use of a tow bar and service vehicle to provide safe access, horizontal movement and total fall protection on or near sensitive equipment for up to two users.

A-Frame rail fall arrest system

A secure anchor point in a portable structure giving the worker increased coverage and protection. Ideal solution for a workshop environment where space is limited. System is designed to be moved manually, provides horizontal movement and total fall protection for up to two users.

Engineered modular unit with counterweight base

The Counterweighted Engineered Modular Unit is a portable solution for indoor and outdoor maintenance where mobility and worker safety are key. The system incorporates an adjustable height 360° rotating jib with the capacity to provide fall protection for one person. Forklift pockets are located on two sides of the base as well as the ability of fitting additional lifting rings to each corner to ensure ease of mobility and placement from job site to job site.

Ladder fall arrest system

Adjustable in height that provides easy access to elevated work areas of different heights such as fuselage, wing and general maintenance areas with fall protection from the ground up for multiple users, for the duration of the work being performed.

Portable tanker access ladder system - fall arrest

The Portable Tanker Access Ladder System (PTALS) provides easy access to elevated work areas with fall arrest rated tie-off for one operator from the ground up for the duration of the work being performed. System configurations may include but not limited to guardrails, SRL's or confined space entry equipment.

Counterweight rail fall arrest system

Designed as a versatile solution to provide an overhead anchor point for up to two users while working at heights. These systems are designed to be counterbalanced by concrete allowing for close positioning to the work surface without obstructing the equipment being accessed.

SafRig™ with counterweight base

The Counterweighted SafRig is a portable solution for indoor and outdoor maintenance where mobility and worker safety are key. The system incorporates a fixed height 360° rotating jib with the capacity to provide fall protection for one person. Forklift pockets are located on two sides of the base as well as the ability of fitting additional lifting rings to each corner to ensure ease of mobility and placement from job site to job site.

Portable tanker access ladder system - work positioning

The Portable Tanker Access Ladder System (PTALS) combines easy access to elevated work areas with fall protection and work positioning for one operator for the duration of the work being performed. System configurations may include but not limited to guardrails or confined space entry equipment.

Each FlexiGuard solution is driven by our customers' needs and is dependent on the industry, environment and specific design constraints, including government standards. For complete peace of mind DBI-SALA's FlexiGuard Access Systems offer a complete solution that is ready to use.

Due to the technical nature of all these speciality systems and applications, a degree of customisation is required. Please contact 3M Fall Protection for more information.

3M™ DBI-SALA® Engineered Systems

Our range of engineered horizontal systems provide a choice of fall protection solutions that allow users to most effectively resolve the risks associated with work at height in a wide range of applications, and comply with workplace safety regulations.

RoofSafe™ cable system

The system attaches to roof sheeting and can span up to 12 m between supports to provide continuous hands-free access and protection.

RoofSafe™ rail system

The only direct to roof rail system that can facilitate changes in direction and roof slopes, ensuring continuous safe roof access for fall arrest and rope / suspended access applications.

3M™ DBI-SALA® 8 mm permanent horizontal lifeline system

This system attaches to the structure and is well suited to modern building projects and a wide range of industrial safety applications.

UniRail™ system

Can be fitted to a wide range of structures and can support multiple workers for both fall arrest and rope / suspended access applications.
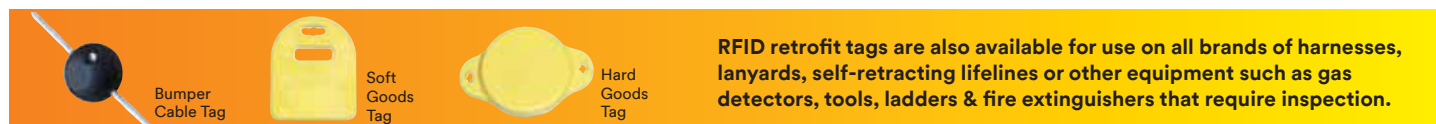

The Uni-8™ overhead system

This quality safety solution can support heavy fall arrest and controlled rate descent devices, ensuring free and unhindered movement for the worker when carrying out work at height.

Contact us for more information or to speak with one of our Systems Specialists

3M™ DBI-SALA® Accessories

E831

E839

1000570

1150414

1900-0000

9501403

Custom logo
YOUR LOGO

8700217

1150174

8700547

G029-10

G029-15

G029-NEX

Bumper Cable Tag

Soft Goods Tag

Hard Goods Tag

RFID retrofit tags are also available for use on all brands of harnesses, lanyards, self-retracting lifelines or other equipment such as gas detectors, tools, ladders & fire extinguishers that require inspection.

3M Order Code	Model #	Description
70007944864	AK145	Lanyard Cover
70007930715	E810-DUAL	Yoke Harness Extension, dual, for rescue
70007933834	E810-SINGLE	Yoke Harness Extension, single, for rescue
70007925780	E831	Dorsal Extension, retrofit
70007925004	E838	Utility Tool Pouch - 2 Pocket
70007938817	E839	Lanyard Stowage Points
70007400479	1000570	Derrick Belt, for use with ExoFit NEX™ Derrickmans harness
70007432340	1150011	Suspension Seat, for use with ExoFit NEX™ climbing, Sit and Derrickmans harness
70007424396	1150414	Suspension Seat, for use with any brand/style of harness
70007433355	1150174	Harness Hydration System
70007925137	9501403	Suspension Trauma Straps
70007607438	9501207	Delta™ Comfort Back Pad
70007925848	G029-10	Harness Storage Bag
70007934501	G029-15	Harness Storage Duffel Bag
70007937215	G029-NEX	Harness Storage Backpack
70007932224	8700217	Equipment Duffel Bag, small
70007931291	8700547	Equipment Duffel Bag, standard
70007929493	1900-0000	Equipment/Kit Storage Bag, standard
70007927224	G029-3	Equipment/Kit Storage Bag, large

3M™ Protecta® Accessories

3M Order Code	Model #	Description
70007781621	AK043	Duffel Bag, 300 mm x 500 mm
70007939138	AK066AU-BKP	Roofers Kit Backpack
70007947529	G029-PRO	Harness Storage Bag
70007938817	E839	Lanyard Stowage Points

AK066AU-BKP

AK043

GO29-PRO

Fall Protection for Tools

3M™ DBI-SALA® D-Rings

1500003   1500001   1500005

3M Order Code	Model #	Description
70007448809	1500003	D-Ring 13 X 57 mm, 0.9 kg load rating, 10 pack
70007448817	1500004	D-Ring 13 X 57 mm, 0.9 kg load rating, 100 pack
70007448825	1500005	D-Ring 13 X 57 mm, Non-conductive, 0.9 kg load rating, 10 pack
70007448833	1500006	D-Ring 13 X 57 mm, Non-conductive, 0.9 kg load rating, 100 pack
70007448841	1500007	D-Ring 25 X 89 mm, 2.3 kg load rating, 10 pack
70007437653	1500008	D-Ring 25 X 89 mm, 2.3 kg load rating, 50 pack
70007448858	1500009	D-Ring Attachment with Cord Loop, 2.3kg Capacity, 10 Pack
70007448783	1500001	Dual D-Ring Small, 0.9 kg load rating, 10 pack

3M™ DBI-SALA® Tool Cinch Attachments
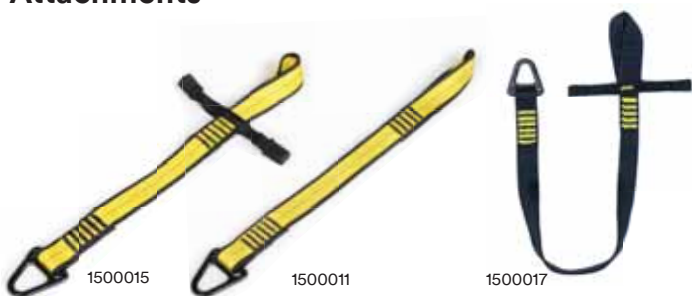
1500015   1500011   1500017

3M Order Code	Model #	Description
70007437695	1500015	V-Ring attachment point, 2 stabilisation wings, 15.9 kg load rating
70007437703	1500016	V-Ring attachment point, 2 stabilisation wings, 15.9 kg load rating, 10 pack
70007448874	1500013	V-Ring attachment point, stabilisation wing, 15.9 kg load rating
70007437687	1500014	V-Ring attachment point, stabilisation wing, 15.9 kg load rating, 10 pack
70007448866	1500011	V-Ring attachment point, 15.9 kg load rating
70007437679	1500012	V-Ring attachment point, 15.9 kg load rating, 10 pack
70007448882	1500017	V-Ring attachment point, 2 stabilisation wings, 36.3 kg
70007437711	1500018	V-Ring attachment point, 2 stabilisation wings, 36.3 kg load rating

3M™ DBI-SALA® Heavy Duty Quick Wrap Tape

3M Order Code	Model #	Description
70804436932	1500168	Blue 25.4mm Wide, 2.7m Roll
70804440173	1500169	Blue 25.4mm Wide, 2.7m Roll (10 Rolls)
70804440181	1500170	Blue 25.4mm Wide, 2.7m Roll (240 Roll Case)
70804440199	1500171	Blue 25.4mm Wide, 5.5m Roll
70804440207	1500172	Blue 25.4mm Wide, 5.5m Roll (10 Rolls)
70804440215	1500173	Blue 25.4mm Wide, 5.5m Roll (120 Roll Case)
70804436924	1500174	Yellow 25.4mm Wide, 2.7m Roll
70804440223	1500175	Yellow 25.4mm Wide, 2.7m Roll (10 Rolls)
70804440231	1500176	Yellow 25.4mm Wide, 2.7m Roll (240 Roll Case)

3M™ DBI-SALA® Heat Shrink

3M Order Code	Model #	Description
70007437729	1500019	19 mm X 45 mm, 25 pack
70007437737	1500020	25 mm X 45 mm, 25 pack
70007448890	1500021	38 mm X 51 mm, 25 pack
70007437745	1500022	51 mm x 102 mm, 10 pack
70007448908	1500023	76 mm x 102 mm, 10 pack

3M™ DBI-SALA® D-Ring Cord

3M Order Code	Model #	Description
70007448858	1500009	2.3 kg load rating, 10 pack

3M™ DBI-SALA®
Quick Spins

1500030

1500032

3M Order Code	Model #	Description
70007448932	1500027	Small, 15 mm diameter, 0.5 kg load rating, 10 pack
70007437760	1500028	Medium, 20 mm diameter, 0.5 kg load rating, 10 pack
70007448940	1500029	Large, 25 mm diameter, 0.5 kg load rating, 10 pack
70007437778	1500030	Extra Large, 31 mm diameter, 0.5 kg load rating, 10 pack
70007448957	1500031	Pen Holder, 8 mm diameter, 10 pack
70007448965	1500032	Pen Holder with Coil, 8 mm diameter, 10 pack
70007437786	1500033	Permanent Marker Holder, 13 mm diameter, 10 pack
70007448973	1500034	Permanent Marker Holder with Coil, 13 mm diameter, 10 pack

3M™ DBI-SALA®
Bungee Tethers

1500047

3M Order Code	Model #	Description
70007449047	1500047	Hook2Loop Bungee Tether, 6.8 kg load rating
70007449054	1500048	Hook2Loop Bungee Tether, 6.8 kg load rating, 10 Pack
70007449062	1500049	Medium Duty Hook2Loop Bungee Tether, 15.9 kg load rating

3M™ DBI-SALA®
Retractor

3M Order Code	Model #	Description
70007437935	1500069	Steel Cable Retractor, 0.7 kg load rating

3M™ DBI-SALA®
Micro D-Ring

3M Order Code	Model #	Description
70007437661	1500010	10 pack

3M™ DBI-SALA®
Micro D-Ring

1500024

1500026

3M Order Code	Model #	Description
70007448916	1500024	Small, 19 mm diameter, 0.9 kg load rating, 25 pack
70007448924	1500025	Medium, 25 mm diameter, 0.9 kg load rating, 25 pack
70007437752	1500026	Large, 38 mm diameter, 0.9 kg load rating, 25 pack

3M™ DBI-SALA®
Coil Tethers

1500067

1500159

3M Order Code	Model #	Description
70804431230	1500159	Hook2Hook Coil Tether, 2.3 kg load rating
70804431248	1500160	Hook2Hook Coil Tether, 2.3 kg load rating, 10 pack
70007437927	1500067	Trigger2Trigger Coil Tether, 2.3 kg load rating
70007449161	1500068	Trigger2Trigger Coil Tether, 2.3 kg load rating, 10 pack
70007449120	1500059	Clip2Clip Coil Tether, 0.9 kg load rating, 10 pack
70007449153	1500065	Hook2Quick Ring Coil Tether with Tail, 0.9 kg load rating
70007437919	1500066	Hook2Quick Ring Coil Tether with Tail, 0.9 kg load rating, 10 pack
70007437885	1500060	Clip2Loop Coil Tether, 0.9 kg load rating, 10 pack
70804486085	1500178	Hard Hat Tether, 0.9 kg load rating, 10 pack
70804486093	1500179	Hard Hat Tether, 0.9 kg load rating, 100 pack

Fall Protection for Tools

3M™ DBI-SALA® Trigger2Trigger Lanyards

3M Order Code	Model #	Description
70007437851	1500053	0.3 m, 4.5 kg load rating
70007449096	1500054	0.3 m, 4.5 kg load rating, 10 pack
70007449104	1500055	0.6 m, 4.5 kg load rating
70007449112	1500056	0.6 m, 4.5 kg load rating, 10 pack
70007437869	1500057	0.9 m, 4.5 kg load rating
70007437877	1500058	0.9 m, 4.5 kg load rating, 10 pack

3M™ DBI-SALA® Single and Dual Tool Holsters

1500107

3M Order Code	Model #	Description
70007438982	1500104	Single Tool Holster with retractor, harness attachment
70007449328	1500102	Single Tool Holster with retractor, belt attachment
70007438990	1500105	Extra-Deep Single Tool Holster, belt attachment
70007449344	1500108	Dual Tool Holster, harness attachment
70007449351	1500109	Dual Tool Holster with retractors, harness attachment
70007449336	1500106	Dual Tool Holster, belt attachment
70007439006	1500107	Dual Tool Holster with retractors, belt attachment

3M™ DBI-SALA® Scaffold Wrench Holster

1500097

3M Order Code	Model #	Description
70007438925	1500096	Scaffold Wrench Holster with Retractor
70007438933	1500097	Scaffold Wrench Holster with Retractor and Hook2Loop Bungee Tether

3M™ DBI-SALA® Hook2Loop & Hook2Rail Lanyards

1500051   1500052

Hook2Loop

3M Order Code	Model #	Description
70007449070	1500050	Medium Duty, 15.9 kg load rating
70007449088	1500051	Heavy Duty, 36.3 load rating

Hook2Rail

3M Order Code	Model #	Description
70007437844	1500052	Heavy Duty, 36.3 kg load rating

3M™ DBI-SALA® Tape Measure Holster

1500100

3M Order Code	Model #	Description
70007438941	1500098	Tape Measure Retractor Holster
70007438958	1500099	Tape Measure Sleeve
70007438966	1500100	Tape Measure Retractor Holster and Sleeve Combo

3M™ DBI-SALA® Pouch Holster

3M Order Code	Model #	Description
70007438917	1500095	Pouch Holster with Retractor

3M™ DBI-SALA® Hammer Holster

3M Order Code	Model #	Description
70007438909	1500093	Hammer Holster
70007449302	1500094	Hammer Holster & Hook2Quick Ring Coil Tether

3M™ DBI-SALA® Radio Holster

1500089

Radio Holster

3M Order Code	Model #	Description
70007438883	1500088	Adjustable Radio Holster
70007438891	1500089	Adjustable Radio Holster, Clip2Loop Coil Tether and Micro D-Ring

Spray Can/Bottle Holster

3M Order Code	Model #	Description
70007449286	1500091	Spray Can / Bottle Holster
70007449294	1500092	Spray Can / Bottle Holster and Clip2Clip Coil Tether

Battery Holster/Sleeve

3M Order Code	Model #	Description
70007449278	1500090	Drill Battery Holster/Sleeve

3M™ DBI-SALA® Belt Loops

1500115

3M Order Code	Model #	Description
70007449401	1500115	Belt Loop with D-Ring, 2.3 kg load rating
70007439022	1500116	Belt Loop with D-Ring, 2.3 kg load rating, 10 pack
70007439048	1500118	Belt Loop with Trigger, 2.3 kg load rating, 10 pack

3M™ DBI-SALA® Utility & Inspection Pouches

1500132   1500131

Utility

3M Order Code	Model #	Description
70007439097	1500130	Utility Pouch with Zipper Closure
70007449484	1500132	Utility Pouch

Inspection

3M Order Code	Model #	Description
70007439105	1500131	Meter Pouch

3M™ DBI-SALA® Comfort & Utility Tool Belt

1500110

Comfort

3M Order Code	Model #	Description
70007449369	1500110	Comfort Tool Belt, small - medium
70007449377	1500111	Comfort Tool Belt, large - extra large
70007439014	1500112	Comfort Tool Belt, 2 extra large - 3 extra large

Utility

3M Order Code	Model #	Description
70007449385	1500113	Utility Tool Belt, small - large
70007449393	1500114	Utility Tool Belt, extra large - 3 extra large

3M™ DBI-SALA® Small Part Pouches

1500119

3M Order Code	Model #	Description
70007449435	1500122	Small Parts Pouch, vinyl yellow
70007439055	1500119	Small Parts Pouch, canvas black
70007449419	1500120	Small Parts Pouch, canvas camo
70007449427	1500121	Small Parts Pouch, canvas orange
70007449443	1500123	Small Parts Pouch, extra deep canvas black

3M™ DBI-SALA® Tool Pouches

1500125

3M Order Code	Model #	Description
70007439063	1500124	Standard Tool Pouch
70007449450	1500125	Standard Tool Pouch with 2 Retractors
70007439071	1500126	Standard Tool Pouch with 2 Triggers
70007439089	1500127	Extra-deep Tool Pouch
70007449468	1500128	Extra-deep Tool Pouch with 2 Retractors

Fall Protection for Tools

3M™ DBI-SALA® Standard Safe Buckets

1500134

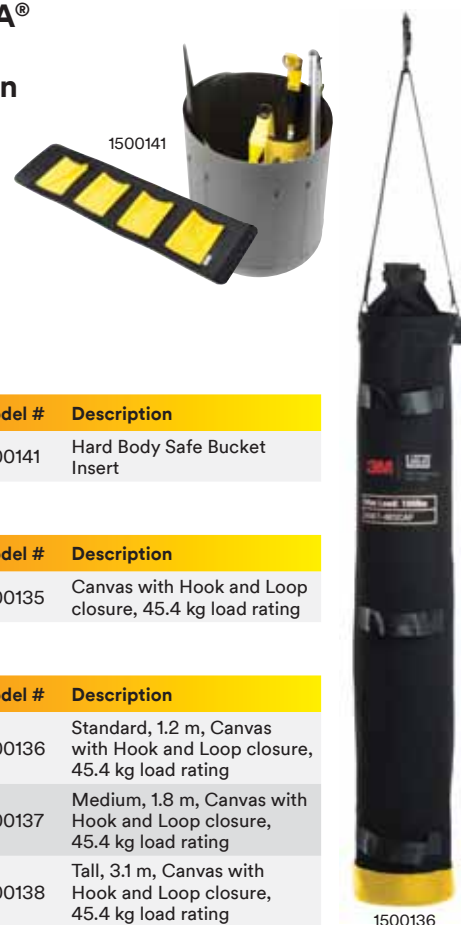| 3M Order Code	Model #	Description
70007439121	1500134	Canvas with Hook and Loop closure, 45.4 kg load rating
70007439113	1500133	Canvas with Drawstring closure, 45.4 kg load rating
70007439162	1500140	Vinyl with Hook and Loop closure, 113.4 kg load rating
70007439154	1500139	Vinyl with Drawstring closure, 113.4 kg load rating

3M™ DBI-SALA® Safe Bucket Insert, 5 Gallon Safe Bucket & Long Safe Buckets

1500141

Safe Bucket Insert

3M Order Code	Model #	Description
70007449518	1500141	Hard Body Safe Bucket Insert

5 Gallon Safe Bucket

3M Order Code	Model #	Description
70007439139	1500135	Canvas with Hook and Loop closure, 45.4 kg load rating

Long Safe Buckets

3M Order Code	Model #	Description
70007439147	1500136	Standard, 1.2 m, Canvas with Hook and Loop closure, 45.4 kg load rating
70007449492	1500137	Medium, 1.8 m, Canvas with Hook and Loop closure, 45.4 kg load rating
70007449500	1500138	Tall, 3.1 m, Canvas with Hook and Loop closure, 45.4 kg load rating

1500136

3M™ DBI-SALA® Pullaway Wristbands

1500071   1500076

3M Order Code	Model #	Description
70007449179	1500071	Small, 2.3 kg load rating, 10 pack
70007437950	1500073	Medium, 2.3 kg load rating, 10 pack
70007449195	1500074	Large, 2.3 kg load rating
70007449203	1500075	Large, 2.3 kg load rating, 10 pack
70007449229	1500077	Small (Slim), 2.3 kg load rating, 10 pack
70007437976	1500079	Medium (Slim), 2.3 kg load rating, 10 pack
70007449237	1500080	Large (Slim), 2.3 kg load rating
70007449245	1500081	Large (Slim), 2.3 kg load rating, 10 pack

3M™ DBI-SALA® Adjustable Wristbands

1500084

1500086

3M Order Code	Model #	Description
70007449252	1500082	Adjustable Wristband, 2.3 kg load rating
70007437984	1500083	Adjustable Wristband, 2.3 kg load rating, 10 pack
70007437992	1500084	Adjustable Wristband with Cord, 2.3 kg load rating
70007449260	1500085	Adjustable Wristband with Cord, 2.3 kg load rating, 10 pack
70007438008	1500086	Adjustable Wristband with Retractor, 0.7 kg load rating
70007438875	1500087	Adjustable Wristband with Retractor, 0.7 kg load rating, 10 pack

Inspection reporting service.

Is your site safe to work at height?

- The law requires that you provide a safe work environment for staff, visitors and contractors.
- How long has it been since your last site inspection?
- Do you have a workable rescue plan?

One of the biggest challenges facing many companies is understanding where the working-at-height risks exist on site and the types of measures that can be taken to minimise them.

Our trained technicians will develop a thorough report, making recommendations that employ worlds best practice regarding fall protection in your workplace.

Contact your Regional Sales Manager or our Customer Service Centre on:

1800 445 867 (AUS)

0800 212 505 (NZ)

to book your site inspection or for more information.

Are you looking for more?

- **New Products**
- **Instruction Manuals**
- **Safety References**
- **Find your local distributor**

- **Full Product Range**
- **Technical Bulletins**
- **Product Images**
- **Detailed Product Specifications**

- **Glossary (fall protection terminology)**
- **Find your local Sales Manager**
- **Find a certified Installer**
- **Fall Distance Calculations**

It's all available at
3M.com.au/ppesafety

Fall Protection Services

3M

3M Australia*, offers a range of training and consulting services to fit your needs, ensuring you or your employees are thoroughly trained in a practical, hands-on environment.

In-house training facilities

Custom-built, in-house training facility at our Sydney training centres provide a hands-on training experience. Practical demonstrations, individual exercises and theoretical assessment ensure our courses build confidence and enhance safety competence when working at heights

On-site training

Training programs can be delivered at the client's site at all locations across Australia. If you can provide the students and the location, we will provide the equipment and experienced instructors.

Tailored training

Our courses can be tailored to suit a company's individual requirements. We specialise in the design and implementation of training for industry sectors such as: civil, construction, mining, and wind energy. We also offer specialist courses such as: roof top and bridge rescue, jump form, tower crane and swing stage rescue, post fall recovery and wind turbine rescue.

NATIONALLY RECOGNISED TRAINING

3M Australia* , is accredited by the National VET Regulator, ASQA, to deliver the following nationally recognised units of competency:

- HLTAID001 - Provide cardiopulmonary resuscitation
- HLTAID002 - Provide basic emergency life support
- HLTAID003 - Provide first aid
- MEM11011B - Undertake manual handling
- MEM15004B - Perform inspection
- MSMPER200 - Work in accordance with an issued permit
- MSMPER205 - Enter confined space
- MSMWHS216 - Operate breathing apparatus
- MSMWHS217 - Gas test atmospheres
- PUASAR022A - Participate in a rescue operation

- PUASAR032A - Undertake vertical rescue
- PUAWER008B - Confine small workplace emergencies
- RIIWHS202D - Enter and work in confined spaces
- RIIWHS204D - Work safely at heights
- UETTDRRF02B - Perform pole top rescue
- UETTDRRF03B - Perform EWP rescue
- UETTDRRF04B - Perform tower rescue
- UETTDRRF06B - Perform rescue from a live LV panel
- UETTDRRF08B - Perform EWP controlled descent escape

3M.com.au/ppesafety

Thermal Imaging

Today's firefighters operate in extreme conditions, where temperatures are capable of rising faster and where visibility is reduced in seconds. Conditions within these environments can put firefighters in situations where their safety is compromised and they must have a complete understanding of the environment. 3M Scott's Thermal Imaging Cameras come with the very latest in advanced thermal imaging, with exclusive features such as hot spot tracking, Intelligent Focus™ and tactical colourisation. Our thermal imaging cameras provide firefighters with the ultimate situational awareness.

Ultimate combination of situational awareness

Today's firefighters operate in extreme conditions, where temperatures are capable of rising faster and where visibility is reduced in seconds. Conditions within these environments can put firefighters in situations where their safety is compromised and they must have a complete understanding of the environment.

Thermal imaging cameras powered by ISG technology provide users with the ultimate combination of situational awareness, lightweight design and robust features. The superior image quality enables firefighters to fully interpret a fire scene and make more-informed tactical decisions

What is thermal energy?

Thermal energy, also known as infrared energy, is light that is invisible because its wavelength is too long to be detected by the human eye. It is part of the electromagnetic spectrum that we perceive as heat. Unlike visible light, where energy is emitted by objects only at a very high temperature, infrared energy is emitted by all objects at ordinary temperatures. The higher the object's temperature, the greater the infrared radiation emitted.

How does a thermal camera work?

TIC detect infrared/thermal radiation temperature variations converting into electrical signals, signals convert back into images on a screen.

Thermal Cameras do not depend on visible light, objects in total darkness or surrounded in smoke can be seen. TIC's cannot see through walls, glass, and water, anything that absorbs thermal radiation.

3M™ Scott Fire & Safety Thermal imaging camera features tactical colourisation, enabling quick response.

The Hot Spot Tracker identifies the hottest object in the scene, tracks it, and displays its temperature, whilst conversely the Cold Spot Tracker locates and pinpoints thread or valve gas leaks in seconds.

TIC operational tasks include

- Surveillance operations – hiding burglars, fleeing from a crime scene
- Firefighting – quickly identifying hot spots
- Search & Rescue – locating people in smoke filled or dark environments
- Maritime navigation – clearly see other vessels or people in the water at night
- Clandestine operations – find households or building with suspiciously high temperatures
- Disease control – quickly scan incoming passengers at airports for elevated temperatures.

3M™ Scott™ V320
Thermal Imaging Camera

The V320, featuring a 320×240 sensor, and equipped with extended battery life, provides firefighters with mission critical information that enables firefighters to make better decisions in extreme conditions.

Features and Benefits:

- 320×240 High Resolution Sensor Provides clear images enabling firefighters to navigate through limited-visibility conditions.
- Extended Battery Life Up to Eight-hour runtime with a removable rechargeable battery.
- Single Button Single button ON/OFF provides easy deployment. No menus required.
- 3.5" High-Contrast Display Ensures the image on the display can be seen in multiple light conditions.
- Fast Startup Time Ready for use within five seconds of activating the power button – without the use of a standby mode!
- Lightweight, Durable Design Designed to withstand the extreme conditions.
- Ergonomics Ergonomically designed and balanced for comfort with a gloved hand.

3M Order Code	Model #	Description
XP101716320	8007135	V320 25Hz TIC Celsius - KIT
XP101716304	8007133	V320 9Hz TIC Celsius - KIT
XP101715926	8007136	V-SERIES Retractable Lanyard
XP101715918	8007137	V-SERIES Battery Charger
XP101715900	8007138	V-SERIES Charger Power Supply
XP101715892	8007139	V-SERIES Standard Battery

3M™ Scott™ V206 Thermal Imaging Camera

The V206, featuring a 206×156 sensor, and equipped with extended battery life, provides firefighters with enhanced situational awareness that enables firefighters to make better decisions in extreme conditions.

- **206×156 Resolution Sensor** Provides clear images enabling firefighters to navigate through limited-visibility conditions.
- **Extended Battery Life** Up to Eight-hour runtime with a removable rechargeable battery.
- **Single Button** Single button ON/OFF provides easy deployment. No menus required.
- **3.5" High-Contrast Display** Ensures the image on the display can be seen in multiple light conditions.
- **Fast Startup Time** Ready for use within five seconds of activating the power button – without the use of a standby mode!
- **Lightweight, Durable Design** Designed to withstand the extreme conditions.
- **Ergonomics** Ergonomically designed and balanced for comfort with a gloved hand.

3M™ Scott X380 Thermal Imaging Camera

The X-Series thermal imaging cameras provide firefighters with the ultimate combination of situational awareness, lightweight design and robust features. The superior image quality enables firefighters to fully interpret a fire scene and make more-informed tactical decisions.

- X380-Series thermal imaging cameras are powered by ISG technology – a pioneer and leader in thermal imaging
- Available as a 3 or 5 button system
- Superior image quality enables firefighters to fully interpret a fire scene and make more-informed tactical decisions
- Hot Spot Tracker – Immediately identify the hottest part of the scene and determine the true seat of the fire
- Cold Spot Tracker – Locate and pinpoint gas leaks in seconds
- High Resolution – 384 × 288 pixel sensor and display with fast-refresh rate ensures a clear and accurate scene image is delivered at all times
- Tactical Colourisation of scene highlights temperature ranges clearly up to and exceeding 1000°C
- Intelligent Focus™ – ensures objects are displayed in crystal clear detail without the need for focus adjustment
- Automatically and quickly switch between high and low temperature ranges by placing the crosshairs on the object you wish to measure
- Built-in laser pointer to assist aiming and communication
- Lightweight Design – only 980 grams

3M Order Code	Model #	Description
XP101716288	8007131	V206 25Hz TIC Celsius - KIT
XP101716262	8007129	V206 9Hz TIC Celsius - KIT
XP101715926	8007136	V-SERIES Retractable Lanyard
XP101715918	8007137	V-SERIES Battery Charger
XP101715900	8007138	V-SERIES Charger Power Supply
XP101715892	8007139	V-SERIES Standard Battery

3M Order Code	Model #	Description
XP100292604	8003887	X380-2B-HC 3B Lrg Kit Video Rec 2 Battery
XP100288271	8003061	X380-5A-HC 5B Lrg Kit Video Rec 2 Battery
XP100147402	2030493	X380 Rechargeable Battery
XP100147410	2030494	X380 Lanyard
XP100147428	2030495	X380 Desktop Charger Power Supply Unit
XP100147436	2030496	X380 Micro Vehicle Charger Power Supply
XP100147444	2030497	X380 USB Lead (0.8M Approx)
XP100147451	2030498	X380 Soft Carry Case K01Mdr053
XP100147469	2030500	X380 Hard Carry Case

Portable Gas Detection

Range of portable Gas Detection products that are easy-to-use with minimal maintenance requirements. We offer single and multi-gas solutions to cover virtually any industrial environment. We provide comprehensive service capabilities for calibration, repair and maintenance of gas detection products to keep workers safe from toxic and combustible gases and oxygen deprived atmospheres.

Over 100 years of industry experience

3M is a leading manufacturer of gas and flame detection products with over 100 years of industry experience and a wide range of innovative detection solutions. Every customer scenario demands a different, customized approach, and 3M applies expertise in building the right plan for the right hazards, every time.

3M manufacture a comprehensive range of personal and area gas detection products to suit a wide range of industry applications. Whether it is confined space entry, personal, environmental or perimeter monitoring, 3M offers to provide a reliable solution.

In many cases the most serious threat to the health and safety of a worker concerns the potentially fast-changing atmosphere of a confined space. The unfavourable ventilation of a confined space can cause the atmosphere to become life threatening without warning. Explosive and toxic gases (hydrogen sulphide and carbon monoxide are two of the most common) and a lack of oxygen cause many confined space injuries and fatalities.

- Leaking materials from storage tanks, natural gas lines, feed pipes etc. can find their way into confined spaces.
- Decomposing organic matter, such as domestic waste and plant life, can produce Methane, Carbon Monoxide, Carbon Dioxide and Hydrogen Sulphide, and can consume existing oxygen.
- Combustion (resulting from welding, cutting, brazing, gasoline or diesel engine operation) and oxidation (rusting) can create hazards.
- Even after an empty tank has been purged, gases can desorb from porous walls or be liberated from sludge during cleaning.
- Increased Oxygen above the normal level of 21% increases the flammability range of combustible gases or material and causes them to burn violently

Atmospheric testing and continuous monitoring, as well as preplanning work and rescue procedures, are all critical aspects of site and worker job safety. Ensure that gas detection instruments are working properly and become familiar with all aspects of operation and any limitations or cautions regarding the detector.

The frequency of scheduled span calibration is best determined based on local regulatory standards, company policies, and industry best practises. 3M recommends, as a minimum, a daily "Bump" test and zero calibration be carried out before use. Span calibration is required if a "Bump" test fails to meet criteria.

3M offers a comprehensive range of certified training programs to ensure workers and supervisors are comfortable and familiar with the use of the gas detection devices. These accredited units of competence include:

- Gas test atmosphere – MSMWHS217
- Enter & Work in Confined Spaces – MSMPER200, MSMPER205, MSMWHS217, RIIWHS202D

For further information please contact 3M Safety Training at anzfallprotectiontraining@mmm.com or on 1800 445 867, course information can also be found on our website www.3m.com.au/fallprotectiontraining.

3M™ GMI™ PS200 Series Portable Gas Monitor

The 3M GMI PS200 multi gas monitor for LEL, O_2, CO, H_2S features simple one-button operation and comes standard with data-logging, and a range of customised settings. Convenient options include an internal pump and a calibration station with Ethernet connection, allowing multiple units to be connected to a network for central storage and supervision of data. The PS200 is the ideal monitoring solution for most confined space applications.

Features and Benefits:

- Ideal for protection in confined space applications
- Simple 1-button operation
- Measures up to 4 gases simultaneously - oxygen, carbon monoxide, hydrogen sulphide and flammable gases - in any combination.
- Audible, visual and vibrating alarms
- Optional internal pump
- Data logging standard
- Calibration station
- Lightweight yet robust construction
- Rechargeable Li-Ion battery
- Sensor integrity checking
- Ease of maintenance
- IP 67
- ATEX, IECEx, MED

3M Order Code	Model #	Description
XP100258274	64041	PS200 No Pump LEL, O_2, CO, H_2S portable gas monitor
AT010665316	64041KIT	PS200 kit comes with 64041, 34L Cal Gas, Regulator and foam lined carry case
XP100258969	64141	PS200 with pump and tubing, LEL, O_2, CO, H_2S portable gas monitor
AT010661323	64141KIT	PS200 Pumped Kit comes with 64141, probe, 34L Cal Gas, Regulator and foam lined carry case
AT010645128	003260	34L Cal Gas 50ppm CO,25ppm H_2S, 1.62% CH_4, 19% O_2
AT010645136	003261	58L Cal Gas 50ppm CO,25ppm H_2S, 1.62% CH_4, 19% O_2

3M™ GMI™ PS500 Series Portable Gas Monitor

Designed by our customers, this robust and accurate gas detector provides unrivalled protection in confined space applications. The PS500 can be configured to detect up to five gases with its "Plug and Play" electrochemical and catalytic sensors, photo ionisation detectors (PID), and infrared capabilities. With a robust, rubberized casing providing hi-Impact resistance, the PS500 is ideal for demanding industrial environments.

An optional internal pump allows both pumped or diffusion measurements at the press of a button.

Features and Benefits:

- Over 15 plug-and-play smart sensors to choose from
- Wide range of VOC's with 2 ranged PID sensors
- Flexible configuration to suit your specification
- Piercing 95 dB audible plus 360-degree high visibility light bar
- On-board datalogging for calibration certificates, data management and event logging
- High impact rubberised case
- IP65
- Low cost of ownership

Other combinations available on request

3M Order Code	Model #	Description
XP100252228	61668A1BEF	O_2, CO/H_2S ,LEL, SO_2 Sensors, Internal Pump, Rechargable NiMH Battery
XP100252129	61668A1BEV2	O_2, CO/H_2S, LEL, PID Sensors, Internal Pump, Rechargable NiMH Battery
XP100548948	61668A1BEP	O_2, CO/H_2S, LEL, CO_2 Sensors, Internal Pump, Rechargable NiMH Battery

3M™ Scott™ Protege SG

- Reusable single gas monitor
- 14 plug-and-play smart sensors
- Sensor Options: H_2S, CO, O_2, O_3, HCN, NO, NO_2, PH_3, SO_2, NH_3, Cl_2 and ClO_2.
- 90 dB audible alarm & 360° high visibility light bar
- Internal datalogging capabilities
- One button activation
- High impact rubberised case
- Easy serviceability featuring access to sensors, filters and batteries

3M™ Scott™ Protege ZM

- Zero maintenance single gas solution
- Available in hydrogen sulfide, carbon monoxide and oxygen configurations
- Two year operating life, no charging required
- Hydrogen sulfide and carbon monoxide models include hibernate feature to extend battery life
- Three point alarm system including audible, visual and tactile alarms
- Customisable LCD display can show operating life remaining, real time gas readings or both
- User configurable alarm setpoints, bump, and calibration reminders
- Datalogging capabilities
- IP 66/67 rated enclosure (3rd party certified)
- Supported by portfolio of accessories including a 4-bay test station and IR Connect programmer
- Automatic test stations available. Less than 30 seconds to bump test four monitors and less that 2 minutes to calibrate.

3M Order Code	Model #	Description
XP100505120	RSG-RL20N-B	O_2 0-30% vol single Gas Monitor
XP100505138	RSG-RL20N-C	H_2S 0-5000ppm single gas monitor
XP100505146	RSG-RL20N-D	CO 0-1000ppm single Gas Monitor
XP100505153	RSG-RL20N-E1	H_2S 0-100ppm hi-res single Gas Monitor
XP100505161	RSG-RL20N-F	SO_2 0-150ppm single gas monitor
XP100505179	RSG-RL20N-G	Cl_2 0-50 ppm single Gas Monitor
XP100505187	RSG-RL20N-H	NO_2 0-100ppm single Gas Monitor
XP100505195	RSG-RL20N-I	ClO_2 0-5ppm single gas monitor
XP100551330	RSG-RL20N-J	NH_3 0-300ppm single Gas Monitor
XP100505203	RSG-RL20N-K	HCN 0-100ppm single Gas Monitor
XP100505211	RSG-RL20N-L	O_3 0-3ppm single Gas Monitor
XP100505229	RSG-RL20N-M	CO 0-2000ppm H_2 resistant Gas Monitor
XP100505237	RSG-RL20N-N	NO 0-350ppm single Gas Monitor
XP100551322	RSG-RL20N-0	Reusable single Gas Monitor
XP100505252	RSG-RL20N-U	PH_3 0-20ppm single Gas Monitor

3M Order Code	Model #	Description
AT010647066	096-3459-01	Single Gas Monitor Protege ZM CO Red
AT010647074	096-3459-02	Single Gas Monitor Protege ZM H_2S Red
AT010647082	096-3459-03	Single Gas Monitor Protege ZM O_2 Red
XP100049095	096-3467-01	Test Station Portable Protege ZM
XP100049103	096-3467-02	Test Station Bench Top Protege ZM
AT010647041	093-0588	IR Connect Assembly Protege ZM
AT010645037	003019	103L 100ppm CO
AT010645144	003263	103L 16% O_2
AT010645219	003323	58L 25ppm H_2S

3M™ Oldham BM25 Transportable Area Monitor

- Durable and versatile, ideal for a range of industries including refineries and pharmaceutical production, mining, civil, environmental and hazmat
- Monitor up to 5 gases simultaneously
- Powerful audible alarm (103 dB @ 1m)
- Run time of up to 170 hours
- More than 4-month datalogging capacity
- Easily transportable - less than 7 kilos
- Optional Pump Available
- Alarm and Fault Condition LEDs

Other combinations available on request

3M Order Code	Model #	Description
XP100263381	6514842-L12300	BM25 LEL CO H_2S O_2 Area Monitor
XP100263399	6514842-L12301	BM25 LEL CO H_2S O_2 Area Monitor And Pump

3M™ Oldham BM25 Wireless Transportable Area Monitor

- Durable and versatile, ideal for a range of industries including refineries and pharmaceutical production, mining, civil, environmental and hazmat
- Monitor up to 5 gases simultaneously
- Up to 30 devices per network
- 16 independent networks
- 2.4 GHz frequency
- Up to 1km RF line of sight
- Powerful audible alarm (103 dB @ 1m)
- Data acquisition to a controller

Other combinations available on request

3M Order Code	Model #	Description
XP100265204	6514889-L12300	BM25 LEL CO H_2S O_2 Area Monitor Wireless

3M™ GMI™ Automatic Bump and Calibration (ABC) Station

- Available for both the PS200 and PS500 gas monitors.
- PS500 ABC has 3 gas inlets + air inlet
- Full bump ˜ 60 seconds
- Full calibration ˜ 90 seconds
- Up to 5000 results stored
- Connect to PC or Ethernet
- Print calibration and bump certificates

3M Order Code	Model #	Description
XP100258357	64052	PS200 Auto Calibration Station
XP100252020	61504	PS500 Auto Calibration Station, Air + 3 Gas Inlets
XP100020138	0770342	Demand Flow Reg. Suits 61504 and 64052

3M™ Calibration Accessories

3M Order Code	Model #	Description
AT010645011	003009	103L 50ppm CO/1.62%CH_4/18%O_2/N_2
AT010645029	003011	103L 50ppm CO/2.5%CH_4/18%O_2/N_2
AT010645037	003019	103L 100ppm CO/Air
AT010645003	003007	103L 50ppm CO
AT010645078	003089	103L 2.5% CH_4/Air
AT010645177	003301	58L 5ppm Cl_2/N_2
AT010645094	003130	103L Zero N_2 More Than 99%
AT010645136	003261	58L 50ppm CO, 25ppm H_2S, 1.62% CH_4, 19% O_2/N_2
AT010645268	003338	58L 25ppm H_2S 100ppm CO 2.5% CH_4/Air
AT010645243	003330	58L 25ppm H_2S 50ppm CO 2.5% CH_4 18% O_2
AT010645201	003322	58L 25ppm H_2S/N_2
AT010645193	003306	58L 10ppm SO_2/N_2
XP100020138	0770342	Demand Flow Reg. Suit 34,58 103L cylinders. For calibration stations
AT010647009	077-0018	Fixed flow regulator 0.5LPM. Suit 34,58,103L cylinders. For manual calibration

CO	Carbon Monoxide	NO_2	Nitrogen Dioxide
H_2S	Hydrogen Sulphide	SO_2	Sulphur Dioxide
O_2	Oxygen	NH_2	Ammonia
CH_4	Methane	Cl_2	Chlorine
N_2	Nitrogen	CO_2	Carbon Dioxide
NO	Nitric Oxide		

Other gasses available upon request

3M

3M Australia Pty Ltd

Bld A, 1 Rivett Road
North Ryde, NSW 2113
TechAssist Helpline: 1800 024 464
Customer Services: 1300 363 565
Email: techassist@mmm.com
3M.com.au/ppesafety

3M New Zealand Limited

94 Apollo Drive
Rosedale, Auckland 0632
TechAssist Helpline: 0800 364 357
Customer Services: 0800 252 627
Email: techassist@mmm.com
3M.com/nz/ppesafety