3M Science. Applied to Life.™

Personal Safety Division

Product Catalogue

Edition 4

#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.
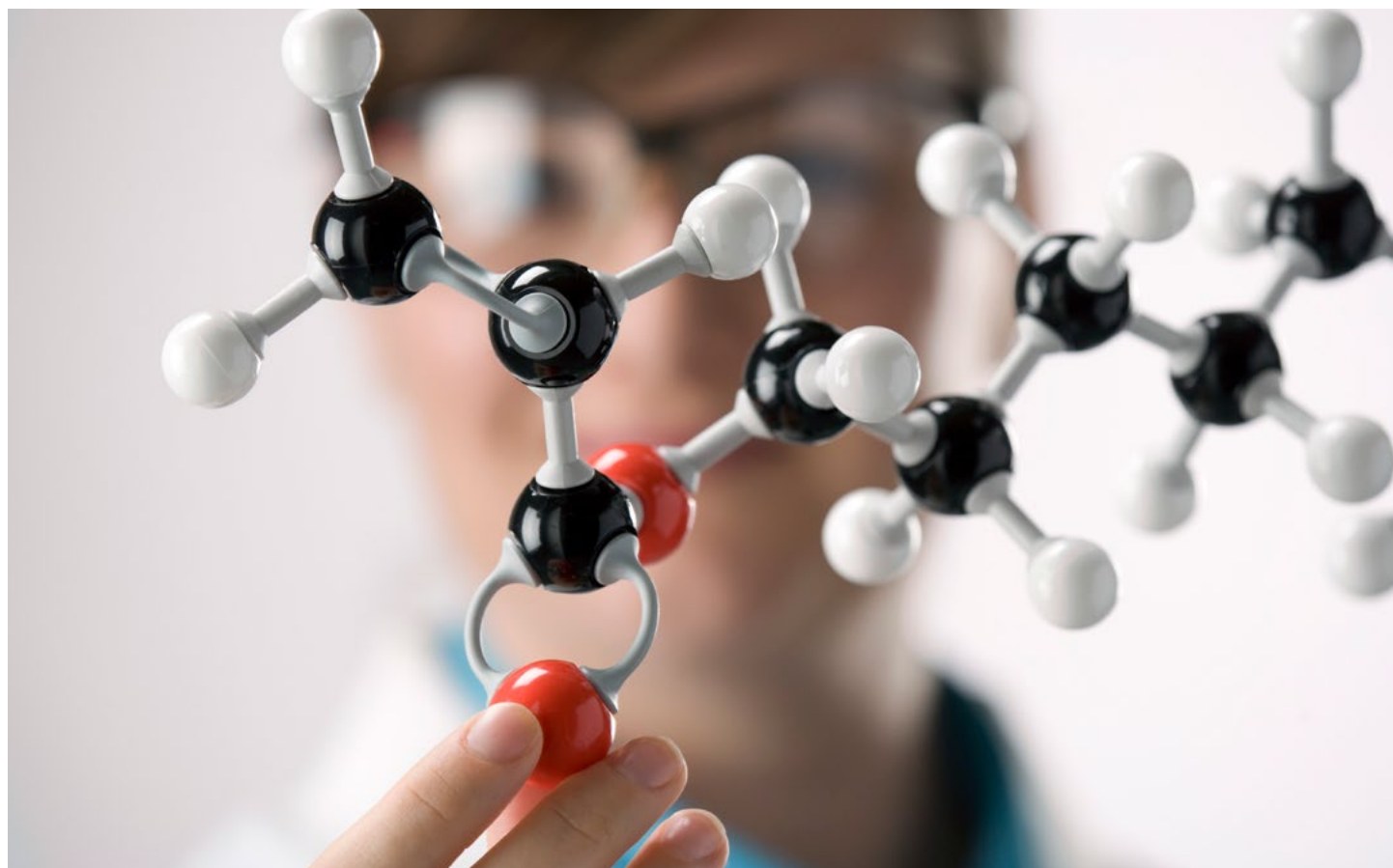
3M Science. Applied to life.

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3M | Science.
Applied to Life.™

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
- 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 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.

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 services 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 measures 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 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
- Thermal Imaging Equipment

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 the world's best practice regarding fall protection in your workplace.

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

* 3M Australia Pty Ltd RTO Code 45498.

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.

#3MScienceOfSafety

Types of respiratory protection equipment (RPE) from 3M.

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

Filtering Facepiece/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 Facepiece 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 facepiece 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.

* Nuisance levels are those levels below the Safe Work Australia Exposure Standards.

Filtering Facepiece/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 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™ 8812
Particulate Respirator

3M™ 9422+
Particulate Respirator

3M™ 8710
Particulate Respirator

3M™ 8822
Particulate Respirator

3M™ 9923V
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.
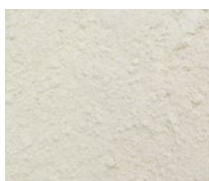
Flour Dust

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.
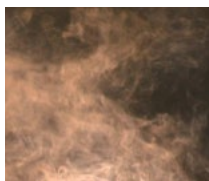
Welding

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 Filtering Facepiece/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™ Filtering Facepiece/Disposable Respirators

3M™ Cool Flow Valve™

Helps release warm and moist exhaled breath from inside the respirator.

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)
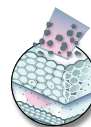
3M™ Clog-Resistant Welding Respirators

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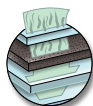
Activated Carbon

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.
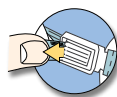
Adjustment Buckle Straps

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.

Comfort starts with easy breathing.

When performing physically demanding work, finding both reliable and comfortable respiratory protection is key to helping keep workers safe. With 3M filtering facepiece/disposable respirators there's a solution: 3M™ Cool Flow™ Valve technology.

3M disposable and reusable respirators with the 3M Cool Flow Valve are designed to increase breathing comfort. The valve cover helps direct exhaled air downward and allows for easy breathing. When you work in hot, humid and physically demanding environments, a little more comfort makes a difference.

3M™ Cool Flow™ Exhalation Valve helps direct exhaled air downward and allows for easy breathing.
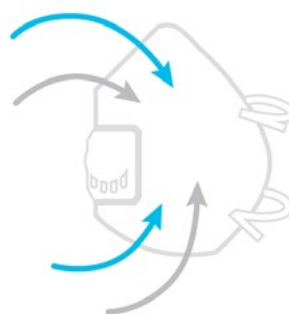
Inhalation

As the wearer inhales, air is pulled through the respirator while the valve remains closed, providing the same level of respiratory protection as a respirator without a valve.
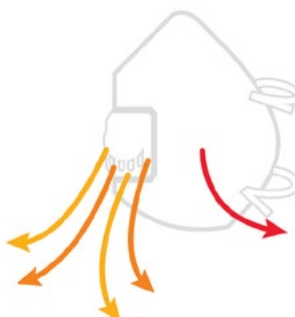
Exhalation

As the wearer exhales, the respirator is filled with warm, moist air. The exhaled air exits through the 3M™ Cool Flow™ Valve and filter media, resulting in easy breathing for the wearer.

This is suggested when physically demanding work causes 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 excessive 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.

Offers easy exhalation

Helps release warm and moist exhaled breath from inside the respirator.

Breathing ease

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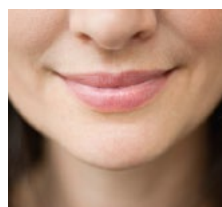
Skin comfort

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.

Lightweight

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

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.

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, allergies, pollen, mould/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 & 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	

* Nuisance levels are those levels below the Safe Work Australia Exposure Standards.

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. *N95 is a particulate respirator rating per the US National Institute for Occupational Safety and Health (NIOSH) 42 CFR 84.*

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

- Offers easy exhalation
- Helps release warm and moist exhaled breath from inside the respirator
- Suitable for physically demanding environments
- Helps direct exhaled air downward

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
- Designed to help provide comfortable reliable protection
- Compatibility with a variety of eyewear
- 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.

* Nuisance levels are those levels below the Safe Work Australia Exposure Standards.

Filtering Facepiece/Disposable Respirator Range Overview

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/NZ1716:2012 for filtering mechanically and thermally generated particles, e.g., those from welding fume, bushfire smoke particulates.

Type 'G' class rating is suitable for low vapour pressure (below 1.3Pa @ 25°C) organic compounds e.g. many agricultural chemicals like herbicide and pesticide.

	P2 Mechanically and Thermally generated particulates e.g. welding fume, particles from bushfire smoke, diesel particulate matter		**P1** Mechanically generated particulates e.g. wood dust, grain dust, cotton dust	
	Valved	Non-Valved	Valved	Non-Valved
3M Comfort Series	9322A+ P2 / 8322 P2 / 9422+ P2	9320A+ P2	9312A+ P1	9310A+ P1
3M Classic Series	8822 P2	8210 P2 / 8110S Small P2	8812 P1	8710 P1
3M Welding & Specialty Series G Rated or Nuisance Level* Organic Vapours	8577 GP2 / 8214 N95^ Welding / 9923V P2 / 9542V P2	8247 GP2	9913V GP1	9913 GP1
3M Specialty Series Nuisance Level* Acid Gases	9926ANZ P2	8246 P2	9916 P1	
3M Basic Series	1804 N95^ / 1804S Small N95^			

N95^		
Level 3 160 mm/Hg Fluid Resistance	Level 2 120 mm/Hg Fluid Resistance	Level 1 80 mm/Hg Fluid Resistance
3M Healthcare Surgical Respirators 1870+ N95^	1860 N95^	1860S Small N95^ / 1804 N95^ / 1804S Small N95^

Refer to catalogue sections for further information on each style.

*Nuisance levels are those levels below the SafeWork Australia Exposure Standards.
^N95 is a particulate filter rating per US National Institute for Occupational Safety & Health (NIOSH) 42 CFR 84. 1870+, 1860, 1860S, 1804 and 1804S is entered in the ARTG 255656. Refer "Comparison of P2, N95, FFP2, KN95 and other Filtering Facepiece Respirator classes" technical bulletin for further information.
3M Comfort, Classic & Basic Series products have a 5 year shelf life from date of manufacture. 3M Welding & Speciality (Organic Vapour and Acid Gas nuisance levels) Series products have a 3 year shelf life from date of manufacture. 3M Healthcare Surgical Respirators have a 5 year shelf life from date of manufacture.

Comfort Series 9300A+ Aura™ Particulate Respirators

The 3M™ Aura™ Filtering Facepiece/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
- Helps release warm and moist exhaled breath from inside the respirator
- Suitable for physically demanding environments
- Offers easy exhalation

Convenience
- Flat-folded: easy to store when not in use
- Hygienic individual packaging helps protect the respirator from contamination before use
- 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
- 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
- 5 year shelf life from date of manufacture

9322A+

9320A+   9312A+   9310A+

3M Order Code	Model #	Description
XA010017854	9322A+	3M™ Aura™ Particulate Respirator, P2 Valved
XA010017847	9320A+	3M™ Aura™ Particulate Respirator, P2
XA010017870	9312A+	3M™ Aura™ Particulate Respirator, P1 Valved
XA010017839	9310A+	3M™ Aura™ Particulate Respirator, P1
AT010623091	9322A+	3M™ Aura™ Particulate Respirator, P2 Valved, Vend Pack

Filtering Facepiece/Disposable Respirators

Comfort 8322 Particulate Respirator

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. 5 year shelf life from date of manufacture.

3M Order Code	Model #	Description
70071623162	8322	3M™ Cupped Particulate Respirator, P2, valved

Comfort Series 9422+ Aura™ Particulate Respirators

3M™ Aura™ Filtering Facepiece/ Disposable Respirators 9422+ are specifically designed for the food industry, coloured bright blue for easy identification and constructed without staples or small detachable parts.
5 year shelf life from date of manufacture.

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. 3 year shelf life from date of manufacture.

3M Order Code	Model #	Description
70070799534	8214	3M™ Cupped Particulate Welding Respirator, N95, 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. 5 year shelf life from date of manufacture.

3M Order Code	Model #	Description
70071676954	1804	3M™ VFlex Particulate Respirator N95
70071676962	1804S	3M™ VFlex Particulate Respirator Small N95

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. 5 year shelf life from date of manufacture.

8210

8110S

8812

8710

8822

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

* Nuisance levels are those levels below the Safe Work Australia Exposure Standards.

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

3 year shelf life from date of manufacture.

9913

8577

8247

9923V

9542V

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
XY003892821	9542V	3M™ Flat Fold Particulate Respirator, P2, with Nuisance* Level Organic Vapour Relief, valved

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.

3 year shelf life from date of manufacture.

8246

9916

9926ANZ

3M Order Code	Model #	Description
WX700900318	9926ANZ	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

* Nuisance levels are those levels below the Safe Work Australia Exposure Standards.

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)

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

NO

Is nuisance* level OV reduction preferred?

NO — Is a folded product preferred?

YES — 9913[M]

NO — Classic 8710[M]

YES — 9310A+ [M/L]

YES

Is nuisance* level OV/AG reduction preferred?

NO — Is a folded product preferred?

YES — OV / AG

OV — 9913V[M] AG — 9916[M]

NO — Classic 8812[M]

YES — 9312+ [M/L]

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?

YES — OV / AG

AG — 8246

NO — Small 8110S[S] / Classic 8210[M]

YES — Economy 1804[S] / Comfort 9320A+ [M/L]

8247[M]

YES

Is nuisance* level OV/AG reduction preferred?

NO — Is a folded product preferred?

YES — OV / AG

AG — 9926ANZ[M]

Is a galvanised steel clip required

NO

YES — 9923V [M]

Is a folded product preferred

NO — 8577[M/L]

YES — 9542V[M]

NO — Classic 8822[M/L] / Comfort 8322[L] / Welding 8214[M/L]

YES — 9322A+ [M/L]

Key:

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

* Nuisance levels are those levels below the Safe Work Australia Exposure Standards.

The importance of fit.

Filtering Facepiece/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.

Fitting instructions for cupped respirator style.

Respiratory protection is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to respiratory contaminants. Disposable respirators are only 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 Cupped respirator is worn.

Tie back long hair and remove jeweller so that it does not interfere with the seal to the face.

Men: Be clean shaven, do not weak with beards or other facial hair.

1a

Pre-Stretch entire length of strap by pulling between two hands.

1b

Cup respirator in one hand, with fingertips positioned at nosepiece and straps hanging below hand.

2

Place the respirator in one hand and against your face. Position the respirator under the chin with the nosepiece across the bridge of your nose.

3a

Pull the top strap resting it high over the crown of your head.

3b
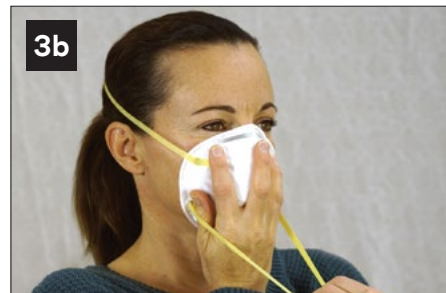
Pull the bottom strap over your head then position it around your neck and below your ears. Straps must not be twisted.

4

Using both hands, mould nose clip to the shape of the nose bridge by pushing inwards while moving your fingertips down both sides of the nosepiece.

5

Face Fit Check - every time the respirator is worn and before entering the hazardous area.

The respirator is correctly worn as shown here.

⚠ **Pinching the nose clip using one hand may result in a less effective respirator performance. Use two hands.**

Cover front of the respirator with both hands taking care not to disturb its fit. When using an unvalved respirator, exhale sharply. If the respirator bulges slightly and no air leaks are detected between the face and the respirator, a proper seal has been obtained. Then work may proceed. When using a valved respirator, inhale sharply. The respirator should collapsed slightly indicating a proper seal has been obtained. Then work may proceed.

Also follow "Warning about Face Fit Check' guideline to right.

⚠ **Warning About Face Fit Check**

- If air leaks around the nose, re-adjust the nose clip to eliminate leakage by repeating step 4. Repeat Face Fit Check
- If air leaks at the respirator edges, work the straps back along the sides of your head to eliminate leakage. Repeat Face Fit Check.
- If you cannot achieve a proper fit, repeat steps 2 - 5.
- If you cannot achieve a proper fit, DO NOT enter the hazardous area. Consult your supervisor.

3M Science.
Applied to Life.™

3M™ Healthcare Surgical Respirators

Take care of yourself so you can continue to care for others. Your safety is essential in order to deliver care to your patients. You care for them. You protect them. We share a common goal: Making respiratory protection the highest priority

Healthcare Surgical Respirators

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. 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 these products are also 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
- 3M™ Advanced Electrostatic Media (AEM) - Highly charged microfibres 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 and 1804S is entered in the ARTG 255656
- 5 year shelf life from date of manufacture.

1870+

1860

1860S

1804

1804S

3M Order Code	Model #	Description	Fluid Resistance Level
XA010033554	1870+	3M™ Flat Fold Particulate Respirator & Surgical Mask, N95/P2 with Fluid Resistance	Level 3
AT010607219	1860	3M™ Cupped Particulate Respirator & Surgical Mask (standard size), N95/P2 with Fluid Resistance - standard size	Level 2
XA010000546	1860S	3M™ Cupped Particulate Respirator & Surgical Mask (small size), N95 with Fluid Resistance	Level 1
70071676954	1804	3M™ VFlex™ Healthcare Particulate Respirator and Surgical Mask, N95	Level 1
70071676962	1804S	3M™ VFlex™ Healthcare Particulate Respirator and Surgical Mask, N95 Small	Level 1

3M™ Aura™ Health Care Particulate Surgical Respirator 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
- 1870+ is entered in the ARTG 255656

3M™ Health Care Particulate Surgical Respirator 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 (1860) and 80mm Hg (1860S)
- 1860 and1860S is entered in the ARTG 255656

3M™ VFlex™ Health Care Particulate Surgical Respirator 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
- 1804 and1804S is entered in the ARTG 255656.

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.

Reusable Respirators

For prolonged periods of use, Half and Full Facepiece respirators 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 facepiece 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

2019

3M introduces next-generation Secure Click™ HF-800SD series respirator providing comfort, breathability and simplicity.

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

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 facepiece 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 tight fitting facepiece
- Beards, moustaches, sideburns, stubble & long hair are not allowed when wearing a tight fitting facepiece
- Cleaning and maintenance of RPE is required.

Guide to identify respiratory hazards and assess their risk.

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

Respiratory hazards can be categorised as follows:

Oxygen Deficiency

Less than 19.5% oxygen
E.g. Confined spaces

Gases/Vapours

E.g. Organic vapours, Inorganic gas, acid gas, ammonia

Particulates

Mechanically generated = P1
Thermally generated = P2

E.g. Dust/mist, metal fume, fibre, micro organism

Particulates

Highly Toxic = P3
For high protection factors = P3

E.g. Beryllium

Risk Assessment
Assess Contaminants and Toxicity / Exposure Levels / Workplace Exposure Standard

Match Cartridge/Filter type to the hazard

Oxygen Deficiency

Seek advice from your safety supplier for airline, built-in or SCBA options

Gases/Vapours

Refer to 3M Cartridge options in this catalogue.

Particulates

Mechanically generated = P1
Thermally generated = P2

Refer to 3M Filter options in this catalogue.

Particulates

Toxic = P3

Refer to 3M Filter options in this catalogue.

Match the Reusable Respirator to the Filter/Cartridge

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.

How a gas and vapour respirator cartridge works.

3M makes gas and 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 ideal for removal of organic vapours by adsorption. Adsorption is the adherence of gas or vapour molecules to the surface of the activated carbon. The attractive force between the activated carbon and the chemical molecule is a relative small, weak physical force. These micropores can be measured and optimized for specific product needs and performance.

The activated carbon sorbent bed can be impregnated with chemicals reagents to remove specific gas and vapours by chemisorption. Chemisorption is the formation of bonds between molecules of the impregnate and the chemical contaminant. These bonds are much stronger than the attractive forces of physcial adsoprtion. The binding is usually irreversible.

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
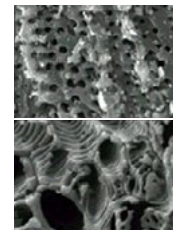
Electron micrographs of activated carbon pores

Organic vapours are predominantly removed by adsorption. When organic vapours are drawn through a gases and 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; or the established filter change schedule. If after establishing the change schedule; the contaminant can be detected sooner inside the respirator by irritation, taste or smell; the change schedule must be adjusted to a shorter change frequency.

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 Australian and New Zealand rated Filter cartridges follow this marking and colour coding system.
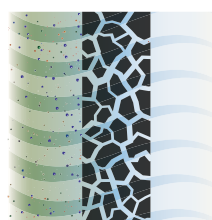
Unfiltered organic vapours are drawn into the cartridge.
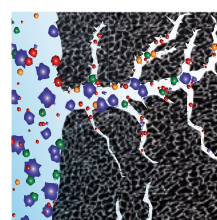
Activated carbon absorbs organic vapours on molecular level.
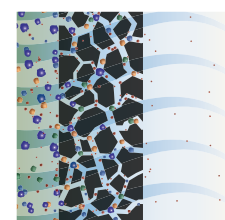
Service life continues until vapours begin to escape the cartridge.

Factors that influence service life:

- Exposure concentration
- Ambient Temperature
- Humidity Level (water vapour takes up space in carbon pores)
- Class of cartridge e.g. A1, A2

3M is committed to develop quality safety products to help protect workers. For more information about 3M gases and vapour cartridges, please visit **3M.com.au/ppesafety (AUS) | 3M.co.nz/ppesafety (NZ)**.

To establish a cartridge change schedule using the 3M Australia and Select and Service life software please visit **https://sls.3m.com** and select Australia & New Zealand

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 and a mass median particle diameter of approximately 0.3 to 0.6 µm is the most difficult size range to capture. 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, 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 rating filter?

A P1 is an AS/NZS1716 rated particle filter for use with Mechanically generated particles e.g. particles generated 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 welding fume. These are also the recommended type for use with airborne particles that may contain biological hazards.

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 facepiece 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 less dusty 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 i.e. 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
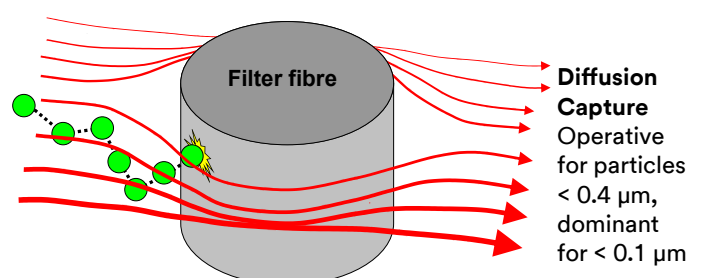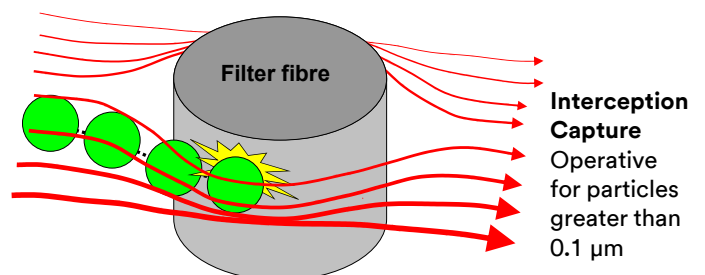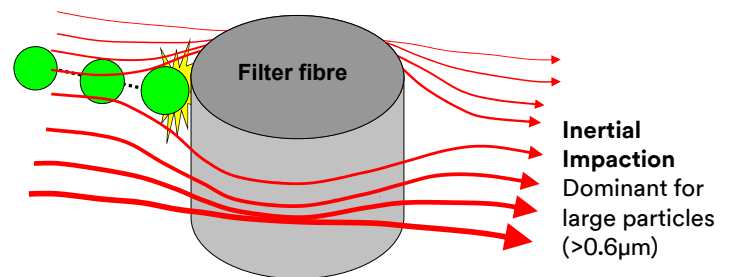
Hazard identification and protection recommendations.

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	AFormP2
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 facepiece 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 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)

Application limits for Gas & Vapour respirators (AS/NZS1715):
- Half facepiece 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 facepiece respirators can be used up to 50 times the WES with a Class 1 filter or up to 1000 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 facepiece 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.

Select the right respirator and filter/cartridge.
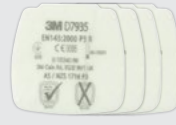
Secure Click Filters & Cartridges

HF-800SD Series

FF-800 Series

D3125 P2	D3135 P3**	D9035 P3**		**Particulate Protection**

D3128 P2	D3138 P3**	D9038 P3**		**Particulate Protection + Nuisance Level* Organic Vapour and Acid Gas**

D8051 A1	D8055 A2	D8059 A1B1E1K1	**Gas & Vapour Protection Only**

Combined Particulate + Gas & Vapour Protection

D8051 A1
D8055 A2
D8059 A1B1E1K1

D7925 P2   OR   D7935 P3**   D701

D8094 A1B1E1K1P3**   D8095 A2P3**

** Provides P3 protection only with 3M Full Facepiece Respirators.
Provides P2 protection with half facepiece respirators

Reusable Respirators

3M Bayonet Filters & Cartridges

6000 Series

6500QL Series

7500 Series

6000 FF Series

FF-400 Series

6035 P2/P3** 2125 P2 2135 P2/P3** 603 5925 P2 5935 P3** 501A	**Particulate Protection**
6038 P2/P3** 2128 GP2 2138 GP2/GP3**	**Particulate Protection + Nuisance Level* Organic Vapour and Acid Gas**
6051 A1 6057 ABE1 6055 A2 6059 ABEK1 6054 K1 6075 A1+Form	**Gas & Vapour Protection only**

6051 A1   6057 ABE1   5925 P2   501A
6055 A2   6059 ABEK1   5935 P3***^
6054 K1   6075 A1+Form

6096 A1E1HgP3**
6098 AXP3**
6099 A2B2E2K2P3**
60926 A1B1E1K1 FormHF/P3**

6051 A1   6057 ABE1   502 Adapter   2125 P2, 2128 GP2, 2135   OR   6035 P2/P3**
6055 A2   6059 ABEK1   P2/P3**, 2138 GP2/GP3**   6038 P2/P3**
6054 K1   6075 A1+Form

6098 and 6099 are only for use with Full facepiece.

Combined Particulate + Gas & Vapour Protection

4000+ Series

4251+ A1P2
4255+ A2P2
4277+ A1B1E1P2
4279+ A1B1E1K1P2

Combined Particulate + Gas & Vapour Protection

Ready to use, Maintenance free

* Nuisance Levels are those levels below the Workplace Exposure Standard (WES)
** Provides P3 protection only with 3M Full facepiece Respirators. Provides P2 protection with half facepiece respirators.
^ Available in Australia only

DT-Series Filters and Cartridges

FF-300 Series
Export controlled product. Document required to be signed upon purchase.

FF-600F Series

FF-600 Series

Particulate Protection

DT-1135E - PF10

DT-1135E P3

Gas & Vapour Protection Only

DT-4001E - GF22

DT-4001E A2

Pre-Filters and Accessories

SS-6601

SS-6600

SS-6607

SS-6603

Combined Particulate + Gas & Vapour Protection

DT-4031E - CF22

DT-4031E A2P3

DT-4035E - CF22

DT-4035E A2B2E1P3

DT-4036E - CF22

DT-4036E A2B2E1P3

DT-4047E - CF32

DT-4047E AXP3

DT-4045E - CF32

DT-4045E A2B2E2K2-P3

DT-4046E - CF32

DT-4046E A2B2E2K2HgP3

* Nuisance Levels are those levels below the Workplace Exposure Standard (WES)
** Provides P3 protection only with 3M Full facepiece Respirators. Provides P2 protection with half facepiece respirators. ^ Available in Australia only

Select the right respirator.

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

Half Facepieces	4000+	6000	6500QL	7500	HF-800SD
Enhanced Durability			✓	✓	✓
Enhanced Comfort			✓	✓	✓
Drop-down Feature			✓	✓	
3M™ Cool Flow™ Valve			✓	✓	
Compatible with 3M™ Supplied Air System		✓	✓	✓	
Silicone Faceseal			✓	✓	✓
Compatible with Welding Shield		✓	✓	✓	✓
Compatible with PAPR system with BT60 tube				✓	
Speech Diaphragm					✓
Filter Type	Integrated	3M Bayonet	3M Bayonet	3M Bayonet	3M Secure Click

Full Facepieces	6000	FF-300 Export controlled product. Document required to be signed upon purchase.	FF-400	FF-600	FF-600F	FF-800
Enhanced Durability		✓		✓	✓	✓
Enhanced Comfort	✓		✓			✓
3M™ Cool Flow™ Valve	✓		✓			✓
Compatible with 3M™ Supplied Air System	✓	✓		✓		
Compatible with 3M™ PAPR Systems	✓	✓	✓	✓		
Silicone Faceseal	✓		✓	✓	✓	✓
Speech Diaphragm		✓	✓	✓	✓	✓
Filter Type	3M Bayonet	3M DT-Series	3M Bayonet	3M DT-Series	3M DT-Series	3M Secure Click

3M™ HF-800SD Reusable Respirator

Designed with smart and intuitive features, the 3M™ Secure Click Half Facepiece Reusable Respirator HF-800SD Series helps protect workers from particulates and a wide variety of gases and vapours when used with approved 3M™ Secure Click™ filters and cartridges.

- Silicone facepiece for comfort and durability
- Work with confidence, provided by the all new Secure Click™ connection
- Provides one-touch button to check on seal check
- Experience the greater breathability and comfort provided by the world's first quad-flow gas and vapour cartridge
- Speech diaphragm provides easier communication while working
- Complies with AS/NZS 1716 Respiratory Protective Devices

Speaking Diaphragm
Designed to help provide easier communication while working.

Patented Silicone Flex-Joint Faceseal
Provides a softer feel for more comfort on the wearer's face.

Easy-Adjust Buckle
Simple two-way adjustability: pull straps to tighten, squeeze wings to loosen.

Unique Filter & Cartridge Connection
Align the connections and push to hear a click.

Push Button Seal Check
Provides increased worker confidence that the respirator is being worn properly.

Better Breathability
Two dual-flow cartridges on each respirator combine four airflow paths for easier breathing.

Exhalation Valve
Helps direct exhaled breath and moisture downward.

Swept Back Filter & Cartridge Design
For compatibility with certain welding and grinding shields.

3M Order Code	Model #	Description
UU009621507	HF-801SD	Small with speaking diaphragm for use with secure click filters and cartridges
UU009622216	HF-802SD	Medium speaking diaphragm for use with secure click filters and cartridges
UU009620970	HF-803SD	Large with speaking diaphragm for use with secure click filters and cartridges.
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

For use with the range of 3M Secure Click Filters & Cartridges

Reusable Respirators

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.

- 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
- Compatible with TR-600 & TR-800 Versaflo PAPR with BT-63 or BT-64 breathing tubes
- Compatible with Stethoscope Breathing tube sets 901-00-71 and 902-03-15
- Complies with AS/NZS 1716 Respiratory Protective Devices

Compatible with:

TR-600 & BT-63/64

TR-800 & BT-63/64

901-00-71/902-03-15 & Supplied air hose with Air panel

Refer to Powered Air Purifying Respirator and Airline Sections for more information

For use with the range of 3M Bayonet Filters & Cartridges

3M Order Code	Model #	Description
XA007709323	7501	Small for use with 3M™ Bayonet Filters & Cartridges
XA007709331	7502	Medium for use with 3M™ Bayonet Filters & Cartridges
XA007709349	7503	Large for use with 3M™ Bayonet Filters & Cartridges
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

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
- Reusable respirator with quick latch drop down mechanism for easy on and off as wearers move in and out of contaminated areas
- Textured face seal minimises slippage and improves comfort
- Complies with AS/NZS 1716 Respiratory Protective Devices

For use with the range of 3M Bayonet Filters & Cartridges

3M Order Code	Model #	Description
70071668134	6501QL	Small for use with 3M™ Bayonet Filters & Cartridges
70071668142	6502QL	Medium for use with 3M™ Bayonet Filters & Cartridges
70071668159	6503QL	Large for use with 3M™ Bayonet Filters & Cartridges
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

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
- Complies with AS/NZS 1716 Respiratory Protective Devices

For use with the range of 3M Bayonet Filters & Cartridges

3M Order Code	Model #	Description
XA007702633	6100	Small for use with 3M™ Bayonet Filters & Cartridges
XA007702658	6200	Medium for use with 3M™ Bayonet Filters & Cartridges
XA007702674	6300	Large for use with 3M™ Bayonet Filters & Cartridges
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Respirator Cleaning Wipe 504

- Moist towelettes clean dirt and perspiration off facepiece respirators
- Individually packaged and sealed to ensure uncompromised sanitary quality
- Disposable, one-time-use for convenience
- Convenient for respirator hygiene and sanitary protection between uses
- Alcohol-free towelettes contain no alcohol or harsh chemical
- Towelettes come 100 per box

3M Order Code	Model #	Description
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

3M™ 4000+ Series Reusable Respirator

- Disposable, maintenance-free half facepiece respirator
- Twin inhalation valves and large, bonded carbon filters with permanently attached particulate filters
- Easy to use as no need for assembly, maintenance or record keeping
- Complies with AS/NZS 1716 Respiratory Protective Devices

4251+ 4255+ 4277+ 4279+

3M Order Code	Model #	Description
UU008107219	4251+	Disposable, maintenance-free half facepiece respirator A1P2
UU008107474	4255+	Disposable, maintenance-free half facepiece respirator A2P2
UU008107490	4277+	Disposable, maintenance-free half facepiece respirator A1B1E1P2
UU008107508	4279+	Disposable, maintenance-free half facepiece respirator 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™ Spraying Respirator Kit 6551QL

A convenient respiratory kit designed for certain painting* and spraying environments. The kit comes complete with the 3M™ Half Face Reusable 6500QL 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 facepiece.

Kit includes

- 1 × 6500QL Series half facepiece
- 1 Pair x 6051 A1 Organic Vapour (b.pt >65°C) Cartridge
- 1 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 2 × 504 Respirator wipes
- 1 x storage container

*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

For spare parts and accessories refer to the Part & Accessories Guide

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.

Kit includes

- 1 × 7500 Series half facepiece
- 1 Pair x 6051 A1 Organic Vapour (b.pt >65C) Cartridge
- 2 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 2 × 504 Respirator wipes
- 1 x storage container

*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

For spare parts and accessories refer to the Part & Accessories Guide

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 6000 Series Respirator for comfort and durability.

Kit includes

- 1 × 6000 Series half facepiece
- 1 Pair x 6051 A1 Organic Vapour (b.pt >65°C) Cartridge
- 1 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 2 × 504 Respirator wipes
- 1 x storage container

* Not to be used when spraying isocyanate based paints

3M Order Code	Model #	Description
AT010782442	6251	Spraying Respirator Kit - A1P2 Small
AT010783671	6251	Spraying Respirator Kit - A1P2 Medium
AT010782434	6251	Spraying Respirator Kit - A1P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Welding Respirator Kit 6228

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

Kit includes

- 1 × 6000 Series half facepiece
- 2 × 2128 GP2 Particulate, Ozone & with nuisance level* organic vapour/acid gas filter Pair
- 2 × 504 Respirator wipes
- 1 x storage container

3M Order Code	Model #	Description
AT019448086	6228	Welding Respirator Kit - GP2 Medium

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Welding/Particulate Kit 6528QL

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

Kit includes

- 1 × 6500QL Series half facepiece
- 2 × 2128 GP2 Particulate, Ozone & with nuisance level* organic vapour/acid gas filter Pair
- 2 × 504 Respirator wipes
- 1 x storage container

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

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Welding Respirator Kit 7528

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.

Kit includes

- 1 × 7500 Series half facepiece
- 2 × 2128 GP2 Particulate, Ozone & with nuisance level* organic vapour/acid gas filter Pair
- 2 × 504 Respirator wipes
- 1 x storage container

3M Order Code	Model #	Description
AT019448094	7528	Welding Respirator Kit - GP2 Medium

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Multi-Gas Respirator Kit 6259

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

Kit includes

- 1 × 6000 Series half facepiece
- 1 Pair x 6059 A1B1E1K1 Multi Gas Cartridge
- 1 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 2 × 504 Respirator wipes
- 1 x storage container

*Not to be used when spraying isocyanate based paints

3M Order Code	Model #	Description
AT010782467	6259	Multi-Gas Respirator Kit-A1B1E1K1P2 Small
AT010783689	6259	Multi-Gas Respirator Kit-A1B1E1K1P2 Medium
AT010782459	6259	Multi-Gas Respirator Kit-A1B1E1K1P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ Construction Respirator Kit 6535QL

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

Kit includes

- 1 × 6500QL Series half facepiece
- 2 × 6035 P2/P3* Particulate filter Pair
- 4 × 504 Respirator wipes
- 1 x SF401AF-AS Clear SecureFit Protective Eyewear 400 Series
- 1 x storage container

*Provides P2 protection with half facepiece respirator. Provide P3 Protection only with full facepiece respirator.

3M Order Code	Model #	Description
AT010782475	6535QL	Construction Respirator Kit-P2 Small
AT010782483	6535QL	Construction Respirator Kit-P2 Medium
AT010782491	6535QL	Construction Respirator Kit-P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Dust/Particle Respirator Kit 6225

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

Kit includes

- 1 × 6000 Series half facepiece
- 1 × 2125 P2 Particulate filter Pair
- 2 × 504 Respirator wipes
- 1 x storage container

3M Order Code	Model #	Description
AT010782426	6225	Dust/Particle Respirator Kit-P2 Small
AT010783663	6225	Dust/Particle Respirator Kit-P2 Medium
AT010782418	6225	Dust/Particle Respirator Kit-P2 Large

For spare parts and accessories refer to the Part & Accessories Guide

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).

Kit includes

- 1 × 7500 Series half facepiece
- 2 × 6035 P2/P3* Particulate filter Pair
- 4 × 504 Respirator wipes
- 1 × SF201AF-AS 3M SecureFit Protective Eyewear 200 Series
- 1 Pair x 3M No-Touch Earplug
- 1 x storage container

*Provides P2 protection with half facepiece respirator. Provide P3 Protection only with full facepiece

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

For spare parts and accessories refer to the Part & Accessories Guide

3M™ FF-800 Full Facepiece Reusable Respirator Series

Designed with smart and intuitive features, the 3M Full Facepiece Reusable Respirator FF-800 Series helps protect workers from particulates and a wide variety of gases and vapors when used with approved 3M Secure Click filters and cartridges.

Features and Benefits:

Durable, Long-lasting Head Harness
- Features a six-strap configuration for a secure fit

Speaking Diaphragm
- Designed to help provide easy communication.

Large Lens
- Helps provide wide view for excellent peripheral vision.
- Scotchgard™ protector on lens for improved paint and stain resistance.

Comfort Cradle
- Positions respirator more comfortably on head, reducing pressure points and hair pulling.

NEW

Unique Filter & Cartridge Connection
- Snaps into place for intuitive assembly.

NEW

Push Button Seal Check
- Easy way to conduct (positive pressure) seal check prior to each use.

Complies with AS/NZS 1716 Respiratory Protective Devices

Exhalation Valve Cover
- Helps direct exhaled breath and moisture downward.

Accessories

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FF-400-17

For use with the range of 3M Secure Click Filters & Cartridges

3M Order Code	Model #	Description
70071766193	FF-801	Small, for use with 3M Secure click filters and cartridges
70071766201	FF-802	Medium, for use with 3M Secure click filters and cartridges
70071766219	FF-803	Large, for use with 3M Secure click filters and cartridges
70071516986	FF-400-17	Semi-permanent lens protector. Adhesive around full edge
XA006514674	102	3M™ Universal spectacle kit
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

3M™ FF-400 Full Facepiece Reusable Respirator Series

SCOTCHGARD PROTECTOR 3M Repellent

Features and Benefits:

Durable, Long-lasting Head Harness
- Features a six-strap configuration for a secure fit

Large Lens Featuring Scotchgard™ Protector
- Paint and stain-resistant lens – 3M's exclusive Scotchgard™ coating causes some paints and stains to bead up on the surface so they can be wiped off easily
- Helps lens stay clearer during some spray applications
- Provides a wide field of view

Comfort Cradle
- Respirator attachments twist on and off easily for quick assembly and disassembly

Soft, Silicone Nose Cup and Faceseal
- Engineered for maximum durability, comfort and resilience
- Three sizes help the respirator fit a broad range of face shapes and sizes

Compatible with TR-600 & TR-800 Versaflo PAPR with BT-63 or BT-64 breathing tubes.

Easy to Use
- Respirator attachments twist on and off easily for quick assembly and disassembly

Passive Speaking Diaphragm
- Optimally positioned for clearer and easier communications

Bonded Silicone Gaskets
- Eliminate loose gaskets that can be lost

Compatible with:

TR-600 & BT-63/64

TR-800 & BT-63/64

Refer to Powered Air Purifying Respirator and Airline Sections for more information

Accessories

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FF-400-17

For use with the range of 3M Bayonet Filters & Cartridges

Complies with AS/NZS 1716 Respiratory Protective Devices

3M Order Code	Model #	Description
70071510773	FF-401	Ultimate FX Full Face Respirator Small - for use with 3M™ Bayonet Filters & Cartridges
70071510807	FF-402	Ultimate FX Full Face Respirator Medium - for use with 3M™ Bayonet Filters & Cartridges
70071510831	FF-403	Ultimate FX Full Face Respirator Large - for use with 3M™ Bayonet Filters & Cartridges
70071516986	FF-400-17	Semi-permanent lens protector. Adhesive around full edge
XA006514674	102	3M™ Universal spectacle kit
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

3M™ 6000 Series Full Face Respirator

The 3M™ Full Face Reusable Respirator 6000 Series is simple to use and comfortable to wear. Combined 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
- Polycarbonate visor with wide field of vision
- 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
- Compatible with TR-600 & TR-800 Versaflo PAPR with BT-63 or BT-64 breathing tubes
- Compatible with Stethoscope Breathing tube sets 901-00-71 and 902-03-15
- Complies with AS/NZS 1716 Respiratory Protective Devices

Compatible with:

TR-600 & BT-63/64

TR-800 & BT-63/64

901-00-71/902-03-15 &
Supplied air hose with Air panel

Refer to Powered Air Purifying
Respirator and Airline Sections
for more information

Accessories

6885

6886

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For use with the range of 3M Bayonet Filters & Cartridges

3M Order Code	Model #	Description
XA007708234	6700	Small for use with 3M™ Bayonet Filters & Cartridges
XA007708242	6800	Medium for use with 3M™ Bayonet Filters & Cartridges
XA007708259	6900	Large for use with 3M™ Bayonet Filters & Cartridges
70070709103	6885	Clear Lens Cover
AT019223489	6886	Tinted Lens Cover
XA006514674	102	3M™ Universal spectacle kit
AT010587411	504	Respirator Cleaning Wipe, Alcohol-Free 100/Box

For spare parts and accessories refer to the Part & Accessories Guide

Reusable Respirators

3M™ FF-300 Full Face Respirator

- DIN40 threaded filter connection
- Wide range of high performance DT-Series filters available to address a variety of hazards
- Non allergenic halo butyl facepiece with wide panoramic polycarbonate visor
- Five point adjustable head harness provides increased wearer comfort and fit
- Speech diaphragm provides clear and audible speech transmission
- Polycarbonate visor
- Complies with AS/NZS 1716 Respiratory Protective Devices
- Compatible with PF-600E-ASB PAPR

Export controlled product. Document required to be signed upon purchase.

For use with the range of 3M DT-Series Filters & Cartridges

DT-1135E - PF10

DT-4001E - GF22

DT-4036E - CF22

DT-4046E - CF32

Compatible with:

PF-600E-ASB

Refer to Powered Air Purifying Respirator and Airline Sections for more information

Accessories

FF-300-926 (012698)

FF-300-20 (012790)

3M Order Code	Model #	Description
UU010978961	FF-301	FF-301 Small for use with DT-Series filters
UU010978953	FF-302	FF-302 Medium/Large for use with DT-Series filters
XP100544145	FF-300-926 (012698)	Visor overlays (set OF 10)
XP100544160	FF-300-20 (012790)	Prescription spectacle frame

For spare parts and accessories refer to the Part & Accessories Guide

3M™ FF-600F 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
- Polycarbonate visor
- Complies with AS/NZS 1716 Respiratory Protective Devices

Accessories

FF-300-20 (012790)

FF-600-20 (2015082)

For use with the range of 3M DT-Series Filters & Cartridges

DT-1135E - PF10

DT-4001E - GF22

DT-4036E - CF22

DT-4046E - CF32

3M Order Code	Model #	Description
UU011565585	FF-601F	FF-601F Full Face Front Fitting Filter Small - for use with DT-Series Filters
UU011565593	FF-602F	FF-602F Full Face Front Fitting Filter Medium - for use with DT-Series Filters
UU015546932	FF-603F	FF-603F Full Face Front Fitting Medium/Large – for use with DT Series Filters
XP100545068	FF-600-926 (VCP1000)	Visor overlay tear off (pk 5)
UU010979514	FF-600-20 (2015082)	FF-600 & FF-600F spectacle frames

For spare parts and accessories refer to the Part & Accessories Guide

3M™ FF-600
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
- Polycarbonate visor
- Compatible with PF-600E-ASB PAPR
- Complies with AS/NZS 1716 Respiratory Protective Devices

Compatible with:

PF-600E-ASB

Refer to Powered Air Purifying Respirator and Airline Sections for more information

Accessories

FF-600-926 (VCP1000)

FF-600-20 (2015082)

For use with the range of 3M DT-Series Filters & Cartridges

DT-1135E - PF10 DT-4001E - GF22 DT-4036E - CF22 DT-4046E - CF32

3M Order Code	Model #	Description
UU010979498	FF-601	FF-601 Full Face Side Fitting Filter Small - for use with DT-Series Filters
UU010979480	FF-602	FF-602 Full Face Side Fitting Filter Medium - for use with DT-Series Filters
UU010979332	FF-603	FF-603 Full Face Side Fitting Filter Medium/Large - for use with DT-Series Filters
UU010979506	FF-600-926 (VCP1000)	Visor overlay tear off (pk 5)
UU010979514	FF-600-20 (2015082)	FF-600 & FF-600F spectacle frames

For spare parts and accessories refer to the Part & Accessories Guide

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

Kit includes
- 1 × 6000 Series full facepiece
- 2 × 6035 P2/P3* Particulate filter Pair
- 4 × 504 Respirator wipes
- 1 Pair x 3M No-Touch Earplug
- 1 x storage container

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

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Spraying/Painting Respirator Kit 6851 A1P2

Kit includes
- 1 × 6000 Series full facepiece
- 1 Pair x 6051 A1 Organic Vapour (b.pt >65ºC) Cartridge
- 2 Pair x 5925 P2 Particulate filter
- 1 Pair x 501A Retainer
- 4 × 504 Respirator wipes
- 1 Pair x 3M No-Touch Earplug
- 1 x storage container

*Not to be used when spraying isocyanate based paints

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

For spare parts and accessories refer to the Part & Accessories Guide

3M™ Secure-Click™ Filters and Cartridges

D8051 A1   D8055 A2   D8094 A1B1E1K1P3**   D8059 A1B1E1K1   D8095 A2P3**

Suitable facepieces for Secure Click Filters and Cartridges

HF-800SD Series   FF-800 Series

Secure Click Gas and Vapour Cartridges

3M Order Code	Model #	Description
UU009286772	D8051	Secure Click™ Dual Flow Cartridge A1
UU009288695	D8055	Secure Click™ Dual Flow Cartridge A2
UU009288406	D8059	Secure Click™ Dual Flow Cartridge A1B1E1K1
UU009289347	D8094	Secure Click™ Dual Flow Cartridge A1B1E1K1P3**
UU009289339	D8095	Secure Click™ Dual Flow Cartridge A2P3**

For assistance in determining 3M Secure Click gas/vapour cartridge breakthrough and filter change schedules for certain gas/vapour contaminants visit the free

3M Select and Service Life (SLS) Software | sls.3m.com

D9035 P3**   D9038 P3**   D701   D3076HF P2   D3138 P3**

D3125 P2   D3135 P3**   D3128 P2   D7925 P2   D7935 P3**

Secure Click Particulate Filters

3M Order Code	Model #	Description
70071731221	D3125	Secure Click™ Particulate Filter P2
70071731247	D3128	Secure Click™ Particulate Filter P2 with Nuisance Level OV/AG*
70071731262	D3135	Secure Click™ Particulate Filter P2/P3**
70071731288	D3138	Secure Click™ Particulate Filter P2/P3** with Nuisance Level OV/AG*
70071731312	D7925	Secure Click™ Particulate Filter P2. Requires D701 to connect to D8051, D8055 or D8059
70071731320	D7935	Secure Click™ Particulate Filter P2/P3**. Requires D701 to connect to D8051, D8055 or D8059
UU010049979	D701	Secure Click™ Filter Retainer. Required to connect D7925/7935 to D8051, D8055 or D8059
UU010285664	D9035	Secure Click™ Hard cover Particulate Filter P3**
UU010291761	D9038	Secure Click™ Hard Cover Particulate Filter P3** with Nuisance Level OV/AG*
70071731361	D3076HF	Secure Click™ Particulate Filter P2HF with Nuisance. Level Acid gas and Hydrogen. Fluoride up to 10x the WES.

*Organic Vapour/Acid Gas. **Provides P3 protection only with 3M Full Face Respirators. Provides P2 protection with half face piece respirators.

Approved Filter Combinations

HF-800SD Series   FF-800 Series   D8051 A1 D8055 A2 D8059 A1B1E1K1   D7925 P2   OR   D7935 P3**   D701
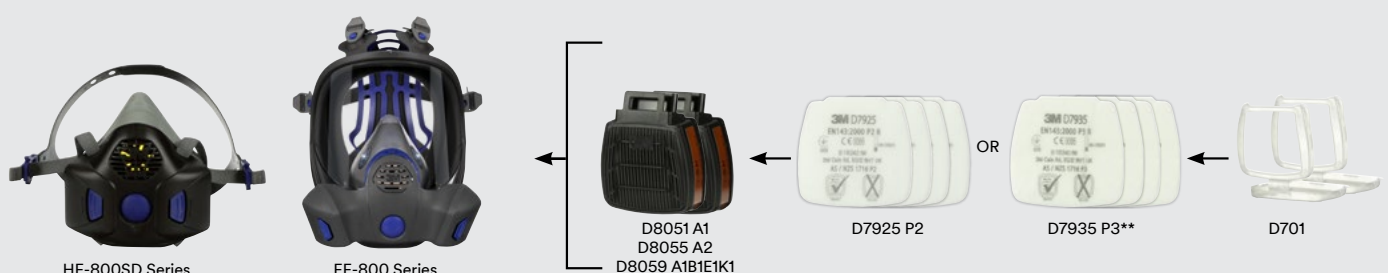
3M™ Bayonet Particulate Filters Series

- Made from 3M high performance filter media for effective filtration efficiency
- Lightweight and provides low breathing resistance

2125   2128   2135   2138

2076   603   6035   6038

5925   5935   501A   502

Suitable Facepieces compatible with 3M™ Bayonet filters and cartridges

6000 Half Face

6500QL

7500

6000 Full Face

FF-400

3M Order Code	Model #	Description
TI551152299	5925	P2 Particulate Filter for use with 603 filter adapter or 6000 Series gas/vapour cartridges. Requires 501A filter retainer
TI551152356	5935	P3** Particulate Filter for use with 603 filter adapter or 6000 Series gas/vapour cartridges. Requires 501A filter retainer
AT010794884	501A	Filter Retainer for 5925/5935 Particulate Filter on 603 filter adapter or 6000 Series gas/vapour cartridges
AT019223455	502	Filter Adapters. Use to attach 3M™ Particulate Filters 2000 Series and 6035/6038 filters, to the 3M™ Cartridges 6000 Series. One time use only. Disposed with cartridge.
70071651759	603	Filter Adapter. For use with 5925/5935. Requires 501A retainer.
CR180811885	6035	P2/P3** Particulate Rectangular White Filter
CR180811893	6038	P2/P3** Particulate Rectangular HF with Nuisance 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/P3** Particulate, Ozone & Nuisance Level OV/AG Disc Filter
70070757912	2076	P2HF Particulate & Hydrogen Fluoride Disc Filter

** Provides P3 protection only with 3M Full Facepiece Respirators. Provides P2 protection with half facepiece respirators.

3M™ Bayonet Gas and Vapour Cartridge Series

6057

6059

6051

6075

6054

6098*

6099*

60926
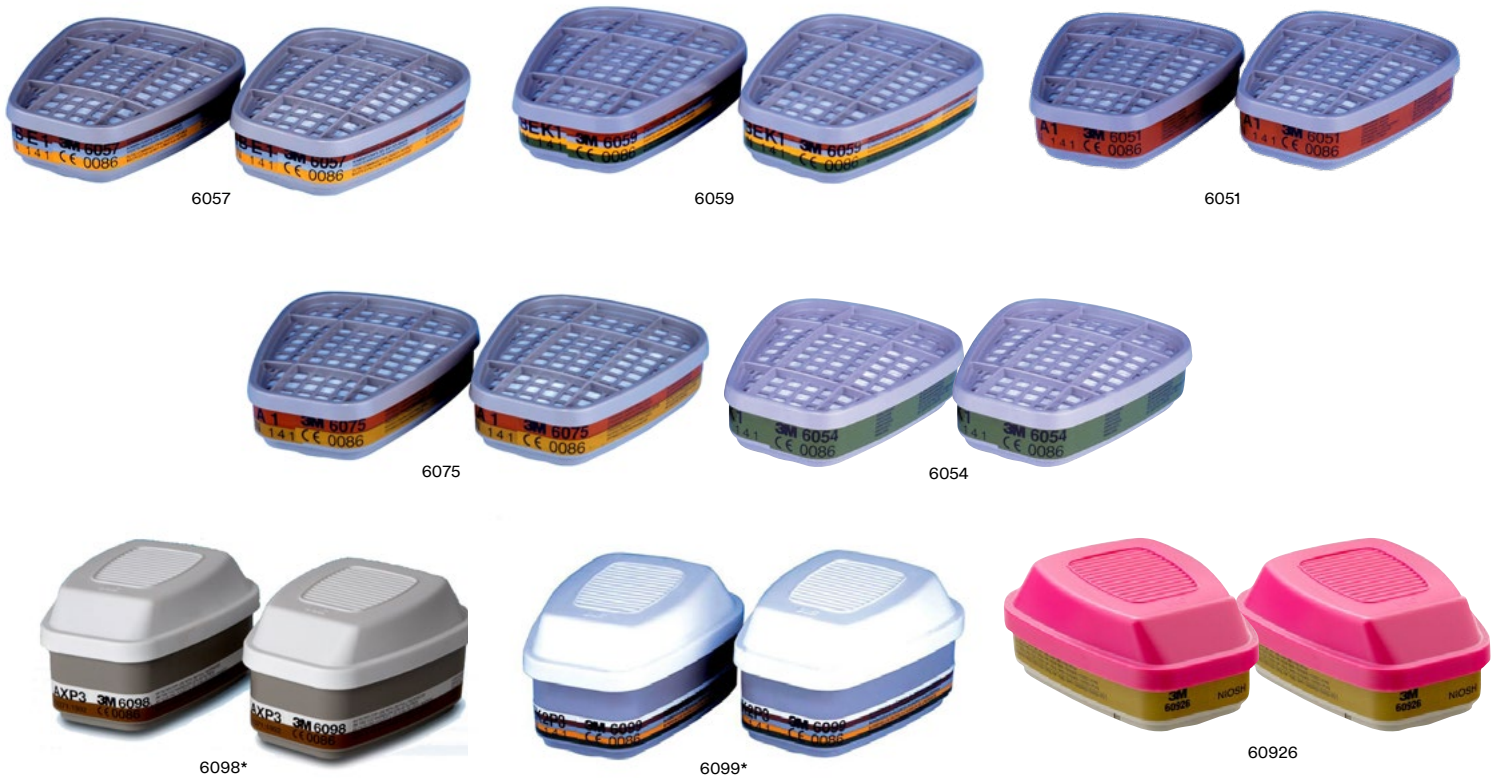
3M Order Code	Model #	Description
UU006790313	6051	A1 Organic Vapour >65 degrees celsius boiling point
GT500084048	6055	A2 Organic Vapour >65 degrees celsius boiling point
UU006790354	6057	A1B1E1 Organic Vapour (>65 degrees celsius boiling point)/Acid Gas Cartridge
AT010561440	6054	K1 Ammonia/Methylamine Cartridge
UU006790370	6075	A1 Organic Vapour (>65 degrees celsius boiling point) & Formaldehyde Cartridge
UU006790362	6059	A1B1E1K1 Multi Gas Organic Vapour (>65 degrees celsius boiling point), Acid Gases and Ammonia cartridge
70071695228	6096	A1E1HgP3 Organic Vapour (>65 degrees celsius boiling point)/Acid Gas/Mercury/Particulate Cartridge
70070709483	60926	A1B1E1K1 FormHF/P3 Multi Gas Organic Vapour (>65 degrees celsius boiling point), Acid Gases, Ammonia, formaldehyde and hydrogen fluoride cartridge and particulate
70071617974*	6098	AXP3 Organic Vapour <65 degrees celsius boiling point & Particulates. For use with Full facepiece only
70071695210*	6099	A2B2E2K2HgP3 + Form Multigas Organic Vapour (>65 degrees celsius boiling point), Acid Gases, Ammonia, formaldehyde and hydrogen fluoride cartridge and particulates.

* Use with Full facepiece only

For assistance in determining 3M Bayonet gas/vapour cartridge breakthrough and filter change schedules for certain gas/vapour contaminants visit the free

3M Select and Service Life (SLS) Software | sls.3m.com

Approved Filter Combinations

3M™ Bayonet Filter facepieces

 + +

6000 Series Gas & Vapour cartridges   5925/5935   501A

 + +

603 Adapter   5925/5935   501A

 + + OR

6000 Series Gas & Vapour cartridges   502 Adapter   2000 Particulate Series   6035/6038
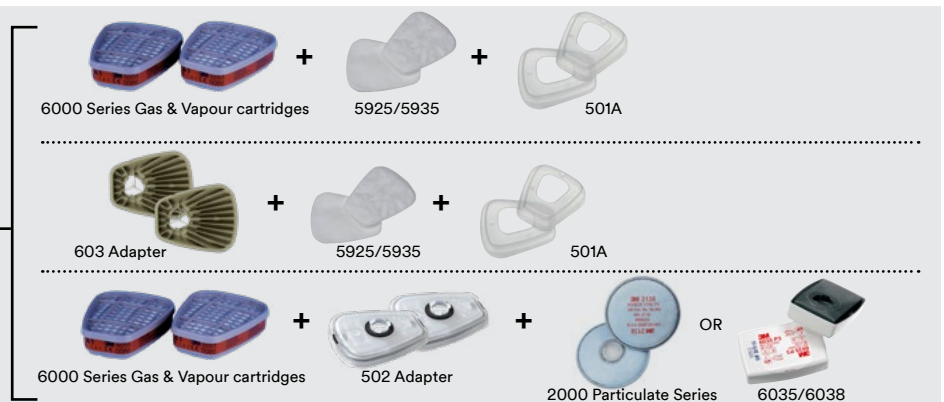
Reusable Respirators

DT-Series Filters and Cartridges

Particulate Protection Only

DT-1135E P3

Gas & Vapour Protection Only

DT-4001E A2

Combined Particulate + Gas & Vapour Protection

DT-4031E A2P3

DT-4035E A2B2P3

DT-4047E AXP3

DT-4036E A2B2E1P3

DT-4045E A2B2E2K2-P3

DT-4046E A2B2E2K2HgP3

Pre-Filters and Accessories

SS-6601

SS-6600

SS-6607

SS-6603

Suitable facepieces for DT-Series Filters and Cartridges

FF-300

Export controlled product. Document required to be signed upon purchase.

FF-600

FF-600F

3M Order Code	Model #	Description
UU011502539	DT-1135E	DT-Series DT-1135E PF10 P3**
UU011546916	DT-4001E	DT-Series DT-4001E GF22 A2
UU011502554	DT-4031E	DT-Series DT-4031E CF22 A2-P3**
UU011502570	DT-4035E	DT-Series DT-4035E CF22 A2B2-P3**
UU011502596	DT-4045E	DT-Series DT-4045E CF32 A2B2E2K2-P3** For use with Full Face facepiece only
XP100547460	DT-4045E	DT-Series DT-4045E CF32 A2B2E2K2-P3** Foil Bag. For use with Full facepiece only
UU011502588	DT-4046E	DT-Series DT-4046E CF32 A2B2E2K2Hg-P3** For use with Full facepiece only
UU011546965	DT-4047E	DT-Series DT-4047E CF32 AX-P3** For use with Full Face facepiece only
UU011507462	DT-4036E	DT-Series DT-4036E CF22 A2B2E1-P3**
UU010979753	SS-6601/SC-6601	Pre-Filter Pack for DT-Series filters. Includes 6 x SS-6600 prefilters and 2 x SS-6602 prefilter holders
UU010979779	SS-6600/SC-6600	DT-Series Prefilter 20EA/Pack
XP100544442	SS-6607/SC-6607	DT-Series Filter Covers Orange Polythylene 2EA/PK
XP100218930	SS-6603 (5052694)	Filter Shower Cover to suit DT-Series Filters

**Provides P3 protection only with 3M Full Face Respirators. Provides P2 protection with half face piece respirators.

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 (in the breathing zone of the worker). Contact the 3M™ TechAssist Helpline for further information on chemicals which can be captured and approved laboratories for monitor analysis.

3M™ Organic Vapour Monitor 3500+

3M™ Organic Vapor Monitor 3500+ is a cost-effective and convenient way to perform personal air sampling for many organic vapors.

3M™ Organic Vapor Monitor 3500+ uses diffusion, rather than a pump, to collect an air sample with an accuracy of +/-25%, at a 95% confidence level for many workplace organic vapors, for both personal or area sampling. It contains a single charcoal sorbent wafer for easy collection of organic vapors and can be used for most applications. This monitor has a 2-year shelf life from its production date.

3M™ Ethylene Oxide Monitor 3551+

3M™ Ethylene Oxide Monitor 3551+ is a cost-effective and convenient way to perform personal air sampling for ethylene oxide.

3M™ Ethylene Oxide Monitor 3551+ uses diffusion, rather than a pump, to collect an air sample with an accuracy of +/-25% at a 95% confidence level. It has a single treated charcoal sorbent wafer for easy collection of ethylene oxide and is typically used in pharmaceutical, health care and chemical industries. This monitor has a 1-year shelf life from its production date.

3M™ Formaldehyde Monitor 3721+

3M™ Formaldehyde Monitor 3721+ is a cost-effective and convenient way to perform personal air sampling for formaldehyde and certain other aldehydes.

3M™ Formaldehyde Monitor 3721+ uses diffusion, rather than a pump, to collect an air sample with an accuracy of +/-25% at a 95% confidence level for certain aldehydes found as workplace contaminants. It has fiberglass coated with 2,4-dinitrophenylhydrazine (DNPH) for easy collection of aldehydes and is typically used in health care, laboratories, and in the chemical, pulp/paper, foundry and textile industries. This monitor has a 1-year shelf life from its production date.

3M™ Organic Vapour Monitor 3501+, High Sampling Rate

3M™ Organic Vapor High Sampling Rate Monitor 3501+ is a cost-effective and convenient way to perform personal air sampling for low levels of organic vapors and short term exposure limit (STEL) sampling.

3M™ Organic Vapor High Sampling Rate Monitor 3501+ uses diffusion, rather than a pump, to collect an air sample with an accuracy of +/-25%, at a 95% confidence level for many workplace organic vapors, for both personal or area sampling. It contains 562 sampling ports to generate high sampling rates and is designed to detect organic vapors at low concentrations or during short-term (STEL) sampling when low detection limits are important.

This monitor has a 2-year shelf life from its production date.

3M Order Code	Model #	Description
70071765252	3500+	Organic Vapour Monitor
70071765286	3501+	Organic Vapour HIgh Sampling Monitor
70071765310	3551+	Ethylene Oxide Monitor
70071765344	3721+	Formaldehyde Monitor

Monitors must be received by the testing Laboratories within the recommended holding time between sampling and lab analysis. Contact your testing laboratory for their specific laboratory request form.

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 (Aerosol Taste Test ATT)
- Quantitative fit testing (Ambient Aerosol Condensation Nuclei Counter (CNC) and Controlled Negative Pressure (CNP)

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. Manufacturer's 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.

Tight Fitting positive pressure facepeice e.g. Full facepiece on a PAPR or Self Contained Breathing Apparatus are also required to be fit tested with a Quantitative fit test method i.e. not the FT-10/FT-30 Qualitative kits. However when being fit tested the facepiece must be converted into a negative pressure facepiece irrespective of the mode it is used in on the job.

For more information on the requirements of Fit Testing, refer to the AS/NZS 1715:2009 & ISO 16975-3.

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 respirators and half face reusable respirators fitted with particulate or combination gas/vapour and particulate filters.

Features and Benefits:
- Offers a convenient 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 are proud to be an offcial supporter of the Australian Institute of Occupational Hygienists (AIOH) RESP-FIT respirator fit testing training and accreditation program. RESP-FIT main objective is to improve respirator fit tester competencies in Australia. They have developed a training course syllabus that training providers can develop their course against. They have also developed an accreditation process for fit testers to go through as a external assessment process as evidence of their competence. They also list fit test service providers who employ accredited fit testers. Visit **www.respfit.org.au** for further information.

What respiratory protective devices require fit testing?

All tight fitting facepieces (negative and positive pressure) must be fit tested to the wearer. Positive pressure facepieces are fit tested under negative pressure mode.

Loose fitting headtops connected to a PAPR unit or supplied air regulator do not require fit testing.

AS/NZS 1715 and ISO 16975-3 recommend fit testing is to be conducted annually.

Fit testing required   *Example of, but not limited to, styles and combinations that require fit testing*

NOTE: Full face facepieces must be quantitatively fit tested.

QNFT Fit Test Adaptors   *For reusable facepeices, different fit test adaptors are required for the different filter connection types using the quantitative fit test methodology. Some fit test adaptor examples are shown here.*

Fit testing NOT required   *Examples of, but not limited to, loose fitting headtops and PAPR unit/supplied air combinations that DO NOT require fit testing*

Qualitative Fit Test (QLFT) Aerosol Taste Test (ATT) Kit and Accessories

- The 3M™ Qualitative Fit Test Kit is designed for fit-testing any negative pressure respirator e.g. 3M™ Disposable and Reusable Half Face Respirators.
- Each 3M™ Qualitative Fit Test Apparatus Kit contains: a laminated instruction booklet, sensitivity solution, fit test solution, two nebulisers, one hood, one collar assembly and two sets of replacement nebuliser inserts.
- 3M™ offers two Qualitative Fit Test Apparatus Kits FT-10 (Sweet) and FT-30 (Bitter). FT-10 uses a test solution of sodium saccharin that produces a sweet tasting aerosol. FT-30 uses a test solution of denatonium benzoate to produce a very bitter taste.
- Each kit is estimated to fit test approximately 150 people before replacement bottles may be required. This number will vary depending on the sensitivity and fit test solution top up sprays required for those being fit tested.
- NOT suitable to fit test full facepiece respirators

Accessories

FT-11/FT12

FT-13

FT-14

FT-15

FT-31/FT-32

3M Order Code	Model #	Description
70070121515	FT-10	3M™ Qualitative Fit Test Apparatus Kit FT-10, Sweet (Saccharin) – Kit contains 1 x FT-11 Sweet Senstivity Solution 55ml , 1 x FT-12 Sweet Fit Test Solution 55ml, 2 x FT-13 Nebuliser, 1 x FT-14 Hood, 1 x FT-15 Collar & laminated user instructions
70070121457	FT-11	3M™ Sensitivity Solution FT-11, Sweet (Saccharin). Red label text
AT019167397	FT-12	3M™ Fit Test Solution FT-12, Sweet (Saccharin). Black label text
70070121473	FT-13	3M™ Fit Test Nebuliser FT-13
70070121481	FT-14	3M™ Fit Test Hood FT-14
70070121499	FT-15	3M™ Fit Test Collar FT-15
70070709640	FT-30	3M™ Qualitative Fit Test Apparatus Kit FT-30, Bitter (Bitrex) – Kit contains 1 x FT-31 Bitter Sensitivity Solution 55ml, 1 x FT-32 Bitter Fit Test Solution 55ml, 2 x FT-13 Nebuliser, 1 x FT-14 Hood, 1 x FT-15 Collar & laminated user instructions
AT010587395	FT-31	3M™ Sensitivity Solution FT-31, Bitter (Bitrex). Red label text
AT010587403	FT-32	3M™ Fit Test Solution FT-32, Bitter (Bitrex). Black label text

Fit testing at your fingertips.

Introducing the 3M™ Wear it Right App.

The 3M™ Wear it Right App makes the task of qualitative fit testing less tedious with the tap of a button. Grab your 3M™ Fit Test Kit, download the app, and you'll be ready to experience convenient digital data recording. Test both half face reusable and disposable respirator wearers.

The app supports multiple types of fit tests and has modes for both beginner and experienced fit testers. Users follow consistent fit test protocols at every step of the process, helping to ensure accurate results.

Digital gets it done.

Streamline your fit testing program with the 3M™ Wear it Right App.

Helps fit testers and wearers follow the exact fit test protocol at every step of the process.

Compliance, confidence and convenience

The app is preloaded with OSHA & ISO QLFT-ATT fit test protocols to help ensure testing requirements are consistently met* and provides easily accessible fit testing records.

Go Paperless

Often times, the fit test process relies on paper recordkeeping. The app digitizes the fit test process, eliminating the need to track manually.

Easy Recordkeeping

The app acts as a digital data record and supports importing wearer details and exporting fit test records.

All data collected is stored locally on the specific iPad being used**.

Versatile

Tests both half facepiece reusable respirator and disposable respirator wearers.

Step-by-Step Instructions

Helps users follow fit test protocol with prompts for each step of the process to help ensure tests are performed correctly.

Training on Demand

The app provides self-guided, in-depth instructions to make it easy for new fit testers to hit the ground running while helping both testers and wearers understand why fit matters.

2 Modes, 1 App

The app has two modes—one for fit testers who need less step by step guidance and one for those who prefer more detailed guidance.

Download the app now on iOS.

Download the app now on Google Play.

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

*It is the responsibility of each user to understand the local specific fit testing standards. If any questions arise, 3M recommends users to refer to the standard as this app is not a substitute for knowledge of applicable standards and regulations.

**Should the app be deleted, or should the device be damaged beyond fixing, the collected data will be lost. 3M recommends users to routinely export the collected data, as 3M doesn't have access to local app data.

Quantitative Fit Test (QNFT) Condensation Nuclei Counter (CNC) Adapters

HF-800-03

601

FF-800-06

2003468

SC-6611

3M Order Code	Model #	Description
70070406544	601	QNFT-CNC Fit Test adapter for 3M Bayonet facepeices (Half facepiece - 6000, 6500QL & 7500. Full facepiece - 6000 & FF-400)
UU009620905	HF-800-03	QNFT-CNC Fit Test adapter for HF-800SD Half Face
UU011580360	SC-6611 (RXFTA/STAN)	QNFT-CNC Fit Test adapter for FF-300, FF-600, FF-600F Full Facepieces
XP100100492	2003468	QNFT-CNC Fit Test adapter for Scott Fire & Safety SCBA face pieces
70071765724	FF-800-06	3M™ Secure Click™ Quantitative Fit Test Adapter Kit, FF-800-06, 1 EA/Case

601

6000 Series   6500QL Series   7500 Series   6000 FF Series   FF-400 Series

3M Bayonet Facepieces

HF-800-03

HF-800SD Series

3M HF-800SD Facepiece

FF-800-06

FF-800 Series

3M FF-800 Facepiece

SC-6611

FF-300 Series   FF-600F Series   FF-600 Series

3M DT-Series Facepieces

2003468

Promask PP   Vision PP

3M Scott Fire & Safety Positive Pressure Facepieces

3M

Science.
Applied to Life.™
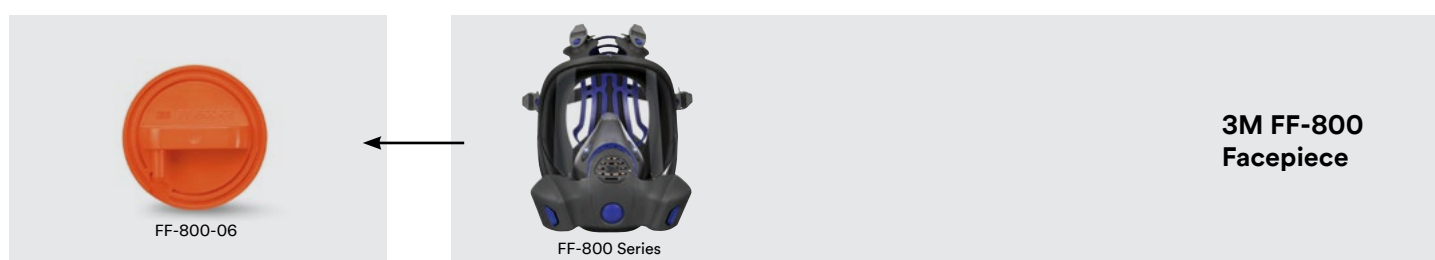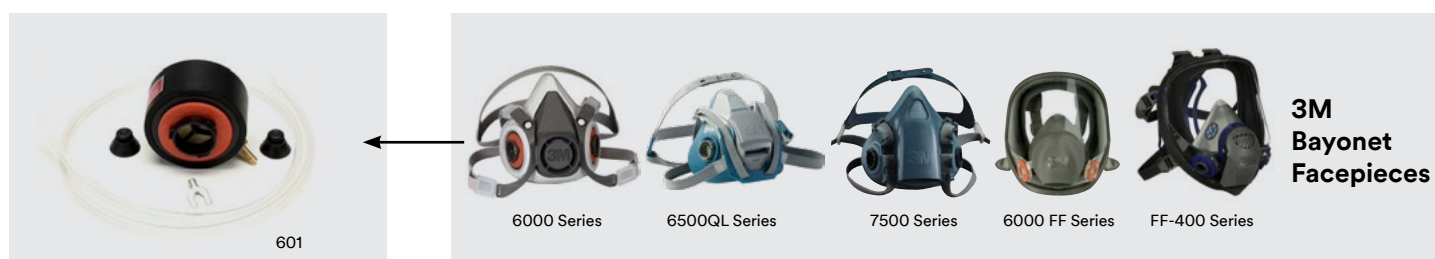
Powered Air Purifying Respirators

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.

#3MScienceOfSafety

Powered Air Purifying Respirators.

Powered Air Purifying respirators (PAPRs); 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 facepiece. Like full and half facepieces, PAPRs are also available in ready-packs to simplify the respiratory selection process.

3M offers a range of ready-to-go PAPR kits:

- Full facepieces for asbestos and dust applications
- 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 facepiece
- 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 & facepieces).
- Respirators that rely upon positive air flow through a loose-fitting headtop do not require face fit testing.

These features make PAPRs 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/vapour.

The life of a gas/vapour cartridge is dependent upon the temperature, humidity, concentration and type of contaminant, the class of filter and the rate of blower speed. 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 particulate filter becomes difficult to draw air through
- 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 PAPR-P1, PAPR-P2, PAPR-P3:

- PAPR-P1 filters handle mechanically generated particles
- PAPR-P2 filters handle mechanical & thermally generated particles
- PAPR-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.

Filter selection guide.

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

Refer to AS/NZS 1715 for Different combination Required Minimum Protection Factors (RMPF).
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.

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 Purifying Respirator (PAPR)

Continuous Flow Supplied Air

Which system should I choose?

A powered air purifying respirator (PAPR)?

- Incorporates a battery powered motorised fan to draw air through a filter
- <u>Cannot be used</u> 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 - No increase in breathing effort
- Can offer integrated head, eye and face protection

A continuous flow supplied air system?

- Air is supplied from a compressor through a air panel (compressed air must be of breathable quality)
- <u>Can be used</u> to protect against substances with poor warning properties (taste/smell)
- Not suitable for IDLH, Oxygen deficient, unknown contaminants or confined spaces. Consult 3M for further information
- Suitable for use over long shifts - No increase in breathing effort
- Can offer integrated head, eye and face protection

Powered Air Purifying Respirators (PAPR)

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

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

3M™ Versaflo™ Powered Air Turbo TR-600

Particulate + Gas & Vapour

3M™ Versaflo™ Powered Air Turbo TR-800

Intrinsically Safe Particulate + Gas & Vapour

Continuous Flow Supplied Air Systems

3M™ Vortex Cooling Supplied Air Unit V-100

3M™ Vortex Heating Supplied Air Unit V-200

3M™ Supplied Air Unit V-300

3M™ V-500E 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.

Selection process for modular systems.

Powered air systems

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

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

Continuous flow supplied air systems

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Select your Air Panel	Select your Compressed Air Supply Hoses	Select your Regulator	Select your Headtop	Select your Breathing Tube	Choose Accessories

Modular respirator systems.

3M™ Versaflo™ Headcovers and Hoods S-Series

Integrated Suspension   Reusable Suspension

S-133 S/L
S-333G S/L

S-433 S/L
S-533 S/L

S-655
S-657
S-757

S-855E

3M™ Versaflo™ Headtops M-Series

Faceshields   Helmets   Helmets with Shrouds

M-206
M-207

M-306
M-307

M-406
M-407

Breathing Tubes - Loose Fitting Hoods & Headtops

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

Powered air turbos

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

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

Continuous Flow Supplied Air Regulators/Valves

Air Cooling   Air Heating   Flow Controlled

3M™ Vortex
Supplied
Air Unit V-100

3M™ Vortex
Supplied
Air Unit V-200

3M™ Supplied
Air Unit V-300

3M™ Supplied
Air Regulator V-500E

TR-300 Filter

- Spark Arrestor
- Prefilter
- PAPR-P3 Filter
- PAPR-P3/Nuisance Level Organic Filter
- PAPR-P3/Nuisance Level Acid Gas (HF up to 10 x WES)

Battery

- High capacity battery

Charger

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

Airline components

Air Supply Hose

Air Panels

3M™ 6000 and FF-400 Series Full Face Respirators | 3M™ 7500 Series Half Face Reusable Respirator

Full Face

Half Face

Full Face

FF-400

7500

6000

Breathing Tubes - Tight Fitting Facepieces

BT-63: Length Adjusting
BT-64: Heavy Duty

BT-63   BT-64

Powered air turbos

Particulate + Gas & Vapour

Intrinsically Safe Particulate + Gas & Vapour

3M™ Versaflo™ Powered Air Turbo TR-600

3M™ Versaflo™ Powered Air Turbo TR-800 Intrinsically safe

Continuous Flow Supplier Air Stethoscope & Valves

7500 Half Face and 6000 Full Face only

Stethoscope Airline system

TR-600 & TR-800 Filter

- Spark Arrestor
- Prefilter
- PAPR-P3 Filter
- PAPR-P3/Nuisance Level Organic Vapour/Acid Gas
- PAPR-A1P3 Filter
- PAPR-A1B1E1HgP3 Filter

TR-600 Battery

- Standard Battery
- High Capacity Battery

TR-600 & TR-800 Chargers

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

TR-830 Battery

- TR-830 Intrinsic Safe Battery for use with TR-800

Airline components

Air Supply Hose

Air Panels

3M™ Versaflo™ TR-800 Powered Air Purifying Respirator

- The Versaflo TR-800 features a PAPR blower UL-certified with an intrinsically 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). Safety in Mines Testing and Research Station (Simtars) IECEX SIM 19.0013
- LED indicators on the turbo indicate battery charge level, particulate filter loading status and airflow setting
- Audible and visual alarms assure you can hear, see when your PAPR has low-charge or low-flow
- Multi-speed blower functions at altitudes between -610m below sea level and up to 4,880 metres. Battery charges quickly, achieving 90% charge in approximately 3.5 hours.
- Three user selectable flow rates 185, 205 & 225 l/min with a loose fitting headtop/hood OR 135, 150 & 170 l/min in tight fitting facepiece mode.
- 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.
- IP54 for TR-800 Blower (while in use). IP67 for TR-800 Blower with TR-653 Cleaning Plugs attached (while cleaning)
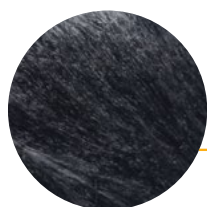
Innovative materials

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

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

Ease of use
- Intrinsically safe 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

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

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

Range of Accessories Available

Battery Protection
Battery features bumpers to help absorb impacts

TR-819A starter kit

3M Order Code	Model #	Description
70071732666	TR-819A	TR-819A IS PAPR Starter Kit includes TR-802E powered air turbo unit, TR-830 battery, BT-30 Breathing Tube, TR-6600 Pre filter, TR-627 Easy Clean Belt, TR-971 Airflow indicator, TR-641A single station battery charger and TR-838 battery attachment tool. Does NOT include a filter, filter cover, or headtop/hood which are required to be purchased separately
70071730900	TR-802E	TR-800 Powered Air turbo unit including an TR-971 airflow indicator

For spare parts and accessories refer to the Part & Accessories Guide.

Motor/Blower Safety

Mining Atmospheres IEC 60079-11 Ex ia IMa	Non-Mining Gas atmospheres (Group II) EN 60079-11 Ex ia IIB T4 Ga	Non-Mining Dust atmospheres (Group III) EN 60079-11 Ex ia IIIC 135˚C Da
ia - intrinsic safety- safe with rare malfunction	ia - intrinsic safety for Equipment protection level Ga	ia - intrinsic safety for Equipment protection level Da
I - Mining group	IIB - Gas apparatus group	IIIC - Dust apparatus group
Ma - Equipment protection level mining	T4 - Max. surface temperature 135˚C (-20˚C ≤ Ta ≤ 55˚C)	135˚C - Max surface temperature 135˚C (-20˚C ≤ Ta ≤ 55˚C)

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

- 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
- Three user selectable flow rates 185, 205 & 225 l/min with a loose fitting headtop/hood OR 135, 150 & 170 l/min in tight fitting facepiece mode.
- 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
- IP53 for TR-600 Blower (while in use). IP67 for TR-600 Blower with TR-653 Cleaning Plugs attached (while cleaning)

Blue use interface points

Designed for loose-fitting headtops and tight-fitting facepieces

Visual, audible, and vibratory alarms for low battery and low flow

Three speed, flow controlled

Easy to clean design

Particulate and Gas/Vapour filter options

Suitable for use in decontamination shower (IP53)

Slim, contoured profile

2 battery options

<4.5 hour charge time

Air inlet allows for sitting during use

Run time 4.5-15.5 hours depending on setup

Range of Accessories Available

TR-619A Starter Kit

3M Order Code	Model #	Description
70071697000	TR-619A	Versaflo™ Powered Air Turbo Starter Kit includes TR-602E powered air turbo unit, TR-632 battery, BT-30 Breathing Tube, TR-971 Airflow indicator, TR-6600 Pre Filter, TR-662 Spark arrestor, TR-627 Easy Clean Belt, TR-641A single station battery charger. Does NOT include a filter, filter cover, and headtop/hood which are required to be purchased separately.
UU011506860	TR-602E	TR-600 Powered Air Turbo unit including an TR-971 Airflow indicator

For spare parts and accessories refer to the Part & Accessories Guide.

Powered Air Purifying Respirators

TR-600 & TR-800 Filters & Filter Covers

TR-6300FC	TR-6500FC	TR-6700FC	TR-6800FC	TR-662
TR-6310ANZ	TR-6580ANZ	TR-6710ANZ	TR-6820ANZ	TR-6600

3M Order Code	Model #	Description
UU008996215	TR-6310ANZ	PAPR-A1P3 Filter For Organic Vapours and particulates
70071622065	TR-6300FC	Filter Cover to Suit Versaflo™ TR -6310ANZ
UU008996223	TR-6580ANZ	PAPR-A1B1E1HgP3 Filter For Organic Vapours, Acid Gases, Inorganic gases and Mercury vapour including a PAPR-P3 Filter. Suitable for nuisance levels of ammonia. Nuisance level are those underneath the workplace exposure standard (WES)
70071622073	TR-6500FC	Filter Cover to Suit Versaflo™ TR -6580ANZ
UU008996199	TR-6710ANZ	PAPR-P3 Particulate High Efficiency Filter Versaflo™
70071618261	TR-6700FC	Filter Cover to Suit Versaflo™ TR-6710ANZ
UU008996207	TR-6820ANZ	PAPR-P3 with nuisance level odour. Nuisance level are those underneath the workplace exposure standard (WES)
70071622040	TR-6800FC	Filter Cover to Suit Versaflo™ TR -6820ANZ
70071618246	TR-6600	Versaflo™ Particulate Pre-Filter
70071618253	TR-662	Spark Arrestor TR-662 to suit Versaflo™ TR-600

For spare parts and accessories refer to the Part & Accessories Guide.

For assistance in determining 3M TR-600 & TR-800 gas/vapour cartridge breakthrough and filter change schedules for certain gas/vapour contaminants visit the free

3M Select and Service Life (SLS) Software | sls.3m.com

Loose Fitting Headtop/Hood Breathing Tubes and Covers

For use with S-Series and M-Series Headtops/Hood to TR-300+, TR-600 & TR-800 PAPR units and V-100, V-200, V-300 and V-500E continuous flow supplied air regulators.

BT-20 S/L	BT-30	BT-40	BT-927	BT-922*	BT-926

3M Order Code	Model #	Description
70071533015	BT-20L	Fixed length lightweight Polyurethane Breathing Tube L=965mm
70071533023	BT-20S	Fixed length lightweight Polyurethane Breathing Tube L=735mm
XA007706584	BT-30	Self-adjustable Polyurethane Breathing Tube L=525-850mm
UU003085113	BT-40	Fixed length Heavy Duty Neoprene Breathing Tube L=840mm
XA007706527	BT-922	Breathing Tube Cover Polyethylene Clear* - 1 per case
70071564432	BT-926	Flame Resistant Breathing Tube Cover - 1 per case
UU006081895	BT-927	Breathing Tube Heat Cover

*Breathing tube not included

Tight Fitting PAPR Breathing Tubes & Accessories

For use with the 7500 half face and 6000 and FF-400 series full face respirators on the TR-600 or TR-800 PAPR Units.

BT-63	BT-64	BT-953	TR-973

3M Order Code	Model #	Description
70071730876	BT-64	Versaflo™ Heavy Duty Tight Fitting Breathing Tube BT-64
70071730934	BT-63	Versaflo™ Length Adjusting Tight Fitting Breathing Tube BT-63
70071730892	BT-953	Versaflo™ Cleaning & Storage Kit BT-953, for BT-63/64 Breathing Tubes
70071730884	TR-973	Versaflo™ Air Flow Indicator TR-973, for TR-600/TR-800 PAPR with BT-63/64 Breathing Tube

For spare parts and accessories refer to the Part & Accessories Guide.

TR-600 & TR-800 Accessories

TR-830

TR-632

TR-644A

TR-626X

TR-627X

S1303-0166

TR-641A

TR-653

901-00-87

TR-838

TR-971

TR-681

TR-626

TR-627

TR-927

BPK-HD

TR-329

Accessories

3M Order Code	Model #	Description
70071697117	TR-830	TR-800 Battery, Intrinsically safe 1/CS* Approximate run time of 4-8 hours. PAPR runtime will vary based on battery age, filter loading, filter or cartridge selection, and user selected air flow setting. Recharges quickly (90% charge in approximately 3.5 hours)
70071697125	TR-838	TR-800 battery attachment tool
52000053547	TR-630	TR-600 Versaflo Battery standard. Approximate run time of 4-12 hours. PAPR runtime will vary based on battery age, filter loading, filter or cartridge selection, and user selected air flow setting. Recharges in <4 hours
52000053554	TR-632	TR-600 Versaflo High Capacity Battery. Approximate run time of 7-19 hours. PAPR runtime will vary based on battery age, filter loading, filter or cartridge selection, and user selected air flow setting. Recharges in <4 hours
AT019494825	TR-641A	Single Station Charger to Suit Versaflo™ TR-630/TR-632/TR-830 battery
AT019494817	TR-644A	4 Station Charger to Suit the Versaflo™ TR-630/TR-632/TR-830 battery. Includes TR-944 docking station and 4 x TR-641 single stations
	BPK-HD	Heavy Duty Back pack. Suitable for TR-300, TR-600, TR-800 and Adflo.
UU012452437	TR-927	Easy Clean Backpack 1 ea/Case. Suitable for TR-300, TR-600 & TR-800
UU010933040	TR-626	High Durability Belt to Suit TR-600/TR-800 Versaflo™ Air Filtering Unit
UU010916185	TR-627	Easy Clean Belt to suit TR-600/TR-800 Versaflo Air Filtering Unit
70071618428	TR-653	Cleaning & Storage Kit to suit Versaflo™ TR-600/TR-800 air filtering unit. Used to rinse or submerge for cleaning (IP67)
70071668076	TR-971	Airflow Indicator for TR-300+/TR-600/TR-800 Versaflo™ Unit with loose fitting headtops e.g. S-Series and M-Series
70071765625	TR-681	Versaflo™ PAPR Disposable polypropylene non woven and polyester mesh Cover TR-681, for TR-600/TR-800 PAPR
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag
70071618147	TR-626X	3M™ Versaflo™ High Durability Belt Extender
70071618162	TR-627X	3M™ Versaflo™ Easy Clean Belt Extender
AT019167745	TR-329	Braces for PAPR Belt

For spare parts and accessories refer to the Part & Accessories Guide.

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

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: PAPR-P3 Particle, PAPR-P3 Particle plus nuisance level organic vapours* & PAPR-P3 Particle plus nuisance level acid gas and offers protection against hydrogen fluoride up to 10 x Workplace Exposure Standard (WES)
- Lithium ion battery with LED to indicate charge status
- Three belt options (standard, easy-clean and leather) for a range of applications
- Ingress Protection rated IP53
- Nuisance level refers to concentrations below the Workplace Exposure Standard (WES)
- Compliant with AS/NZS 1716:2012

Designed for loose-fitting headtops

Visual, audible, and vibratory alarms for low battery and low flow

Two speed, flow controlled

Easy to clean design

Particulate and Nuisance Gas/Vapour filter options

Ingress Protection (IP53)

Slim, contoured profile

<3.5 hour charge time

Run time 9-12 hours depending on setup

Air inlet allows for sitting during use

TR-315A+ Starter Kit

Range of Accessories Available

3M Order Code	Model #	Description
XA010037779	TR-315A+	TR-300+ Versaflo Starter kit which includes TR-302E+ Air filter unit, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor and TR-325 Standard waist belt. Does not include a headtop/hood which is required to be purchased separately
UU008566075	TR-302E+	TR-300+ Powered Air turbo unit including an TR-971 airflow indicator

For spare parts and accessories refer to the Part & Accessories Guide

TR-300+ Filters

TR-3712E

TR-3802E

TR-3822E

TR-371+

TR-3600

TR-362E

3M Order Code	Model #	Description
UU011647516	TR-3712E	TR-300+ Filter PAPR-P3 Particulate
78815069386	TR-3802E	TR-300+ Filter PAPR-P3 plus Nuisance Organic Vapour
78815069394	TR-3822E	TR-300+ Filter PAPR-P3 & HF Plus Nuisance Acid Gases
UU006386765	TR-371+	TR-300+ Filter cover
AT010592650	TR-3600	TR-300+ Prefilter
XA007706659	TR-362E	Spark Arrestor

TR-300+ Accessories

TR-326

TR-327

TR-971

S1303-0166

901-00-87

TR-341A

TR-344A

TR-325

TR-332

TR-626X

TR-627X

TR-329

BPK-HD

TR-927

TR-381

3M Order Code	Model #	Description
XA007706592	TR-325	Std Waist Belt
XA007706691	TR-326	High Durability Leather Waist Belt
XA007706709	TR-327	Easy Clean Waist Belt
	BPK-HD	Heavy Duty Back pack. Suitable for TR-300+, TR-600, TR-800 and Adflo.
UU012452437	TR-927	Easy Clean Backpack 1 ea/Case. Suitable for TR-300+, TR-600 & TR-800
XA007706568	TR-332	TR-300+ Battery Pack. Run time with new battery pack, clean filter and fully charged is approx. 8-12 hours. Recharge time is <3.5 hours
AT010590274	TR-341A	TR-300+ Single Station Battery Charger
AT010590282	TR-344A	TR-300+ Quad Station Battery Charger. includes TR-944 docking station and 4 x TR-341 single stations. Suitable for TR-332 battery
AT010784307	901-00-87	28L Tote bin for PAPR kits
70071668076	TR-971	Airflow Indicator for TR-300+/TR-600/TR-800 Versaflo™ Unit with loose fitting headtops e.g. S-Series & M-Series
70071618147	TR-626X	3M™ Versaflo™ High Durability Belt Extender
70071618162	TR-627X	3M™ Versaflo™ Easy Clean Belt Extender
AT019167745	TR-329	Braces for PAPR Belt
AT010601550	S1303-0166	Versaflo™ Storage Bag
70071765583	TR-381	Versaflo™ PAPR Disposable polypropylene non woven and polyester mesh Cover TR-381, for TR-300+ PAPR

For spare parts and accessories refer to the Part & Accessories Guide

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

Versaflo™ Integrated Powered Air Respirator system includes Headtop, air filter unit, PAPR-P3 Filter, standard belt, pre-filter, BT-30 breathing tube, battery pack, battery charger, user instructions in a storage solution of either a tote bin or padded bag depending on the kit.

The Versaflo™ M-Series headtops are designed to be used with an approved 3M air delivery unit to form a respiratory protective device.

Additional

CAPM-307 with M-940 cap lamp bracket attached and reflective tape

Kits TRM-307C and CAPM-307 come with padded bag, all others come with tote bin.

TRM-207C

TRM-307C

TRM-407C

CAPM-307C

TR-300+ Kits

3M Order Code	Model #	Description
AT010590522	TRM-207C	TR-300+ PAPR Kit which includes TR-302E+ Air filter unit, M-207 Headtop with flame resistant faceseal, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and 901-00-87 tote bin.
AT010590548	TRM-307C	TR-300+ PAPR Kit which includes TR-302E+ Air filter unit, M-307 Headtop with flame resistant faceseal, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.
AT010590563	TRM-407C	TR-300+ PAPR Kit which includes TR-302E+ Air filter unit, M-407 Headtop with flame resistant shroud, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and 901-00-87 tote bin.
AT019494742	CAPM-307C	TR-300+ PAPR kit which includes TR-302E+ Air filter unit, M-307 Headtop with flame resistant faceseal and reflective tape, M-940 cap lamp bracket, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.

For spare parts and accessories refer to the Part & Accessories Guide

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
- Compatible with TR-300+, TR-600, TR-800, Adflo, PF-600E-ASB and continuous flow supplied air regulators V-100, V-200, V-300, V-500E
- AS/NZS 1716 Respiratory Protection Devices compliant
- AS/NZS 1337.1 Personal Eye Protection High Impact Rated visor
- Optional Hearing Protection AS/NZS 1270 Acoustics Hearing Protectors compliant

Compatible with

PAPR	Continuous Flow Supplied Air
TR-300+	V-500E
TR-600	V-100
TR-800	V-200
PF-600E-ASB with PF-949 Breathing Tube adaptor. PAPR-P1 Combination rated.	V-300

M-207

Range of Accessories Available

3M Order Code	Model #	Description
UU011469986	M-206	Faceshield with Comfort Faceseal
70071673779	M-207	Faceshield with Flame Resistant Faceseal

For spare parts and accessories refer to the Part & Accessories Guide

M-200 Series accessories

M-928

M-924-25

M-957

M-940

H31PSAF

M-936/M-937

M-972

Z3AF/2

M-976

3M Order Code	Model #	Description
70071564341	M-928	Clear Peel-Off Visor Covers - 40 per case
70071766334	M-940	Mining cap lamp bracket kit 1/EA
XA007705925	M-957	Forehead Comfort Pad - 20 per case
UU003029780	M-976	Head, Neck, Shoulder Cover - 1 per case
UU003029434	M-972	Flame resistant head-top cover - 1 per case
UU008294835	M-936	Comfort Faceseal - 5 per case
70071562212	M-937	Flame resistant Faceseal - 5 per case
70071767332	M-924-25	Tinted Peel Peel-Off Covers M-924-25, for M-Series visors 25 EA/Case
AT010592841	H31P3AF	Earmuff s for M-Series Head Tops, M-200 (20dB Class 3) M-300 (25dB Class 4)
XA007702625	Z3AF/2	Back plate kit for Versaflo M-200 & M-300 Headtops to connect 3M Peltor P3 cap attach earmuffs

For spare parts and accessories refer to the Part & Accessories Guide

Ready to use PAPR Kits with M-200 Headtop

3M Order Code	Model #	Description
AT010590522	TRM-207C	TR-300+ PAPR Kit which include TR-302E+ Air filter unit, M-207 Headtop with flame resistant faceseal, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and 901-00-87 tote bin.

For spare parts and accessories refer to the Part & Accessories Guide

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, Adflo, PF-600E-ASB and continuous flow supplied air regulators V-100, V-200, V-300, V-500E
- AS/NZS 1716 Respiratory Protection Devices compliant
- AS/NZS 1801 Occupational protective helmets Type 1 rated
- AS/NZS 1337.1 Personal Eye Protection High Impact Rated visor
- Optional Hearing Protection AS/NZS 1270 Acoustics Hearing Protectors compliant

Compatible with

PAPR	Continuous Flow Supplied Air
TR-300+	V-500E
TR-600	V-100
TR-800	V-200
PF-600E-ASB with PF-949 Breathing Tube adaptor. PAPR-P1 Combination rated.	V-300

M-307

M-307CAP

Range of Accessories Available

3M Order Code	Model #	Description
UU011469960	M-306	Versaflo Helmet with coated visor and comfort faceseal
70071562006	M-307	Versaflo Helmet with coated visor and flame resistant faceseal
AT019494759	M-307CAP	M-307 helmet with M-940 Cap lamp bracket kit attached and reflective tape

For spare parts and accessories refer to the Part & Accessories Guide

M-300 Series accessories

M-940

M-936/M-937

M-928

H31PSAF

M-957

M-924-25

M-976

MT7V/1* | MT53V/1* on a M-306

Compatible with a variety of 3M™ PELTOR™ Communication solutions. Contact 3M for further information.

*Does not include Communication Earmuffs

Z3AF/2

M-961 and M-967 on a M-306

M-972

M-973

3M Order Code	Model #	Description
70071766334	M-940	Mining cap lamp bracket kit 1/EA
UU006077661	M-973	Radiant Heat Cover for M-300
UU006081861	M-961	Over Visor Frame
UU006081887	M-967	Gold Over Visor UV/IR (Shade 5)
AT010592841	H31P3AF	Earmuffs for M-Series Head Tops, M-200 (20dB Class 3), M-300 (25dB Class 4)
70071564341	M-928	Clear Peel-Off Visor Covers - 40 per case
UU008294835	M-936	Comfort Faceseal - 5 per case
70071562212	M-937	Flame resistant Faceseal - 5 per case
XA007705925	M-957	Forehead Comfort Pad - 20 per case
UU003029780	M-976	Head, Neck, Shoulder Cover - 1 per case
UU003029434	M-972	Flame resistant head-top cover - 1 per case
70071767332	M-924-25	Tinted Peel Peel-Off Covers M-924-25, for M-Series visors 25 EA/Case
UU008014308	MT7V/1	Dynamic Microphone (including helmet attachment)
UU008013581	MT53V/1	Electret Microphone (including helmet attachment)
XA007702625	Z3AF/2	Back plate kit for Versaflo M-200 & M-300 Headtops to connect 3M Peltor P3 cap attach earmuffs

For spare parts and accessories refer to the Part & Accessories Guide

Ready to use PAPR Kits with M-300 Headtop

TRM-307C

CAPM-307C

3M Order Code	Model #	Description
AT010590548	TRM-307C	TR-300+ PAPR Kit which includes TR-302E+ Air filter unit, M-307 Headtop with flame resistant faceseal, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.
AT019494742	CAPM-307C	TR-300+ PAPR kit which includes TR-302E+ Air filter unit, M-307 Headtop with flame resistant faceseal, M-940 cap lamp attached and reflective tape, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and S1303-0166 padded bag.

For spare parts and accessories refer to the Part & Accessories Guide

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, Adflo and continuous flow supplied air regulators V-100, V-200, V-300, V-500E
- AS/NZS 1716 Respiratory Protection Devices compliant
- AS/NZS 1801 Occupational protective helemts Type 1 rated
- AS/NZS 1337.1 Personal Eye Protection High Impact Rated visor

M-406

Compatible with

PAPR	Continuous Flow Supplied Air
TR-300+	V-500E
TR-600	V-100
TR-800	V-200
	V-300

Range of Accessories Available
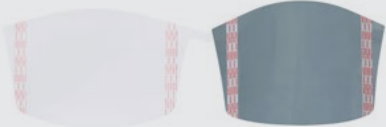
3M Order Code	Model #	Description
XA007707483	M-406	Versaflo Helmet with high durability neck and shoulder shroud
UU011469994	M-407	Versaflo Helmet with flame resistant neck and shoulder shroud

For spare parts and accessories refer to the Part & Accessories Guide

M-400 Series accessories

M-928

M-940

M-957

M-924-25

M-447/M-448

M-444

M-961 & M-967 on a M-406

M-975

3M Order Code	Model #	Description
70071564341	M-928	Clear Peel-Off Visor Covers - 40 per case
70071766334	M-940	Mining cap lamp bracket kit 1/EA
UU006081861	M-961	Over Visor Frame
UU006081887	M-967	Gold Over Visor UV/IR (Shade 5)
XA007705925	M-957	Forehead Comfort Pad - 20 per case
UU006077679	M-975	Radiant Heat Cover for M-400
UU008294819	M-444	Inner collar
UU008294108	M-447	Versaflo™ Flame Resistant Outer Shroud
UU008294827	M-448	Versaflo™ High Durability Outer Shroud
70071767332	M-924-25	Tinted Peel Peel-Off Covers M-924-25, for M-Series visors 25 EA/Case

For spare parts and accessories refer to the Part & Accessories Guide

Ready to use PAPR Kits with M-400 Headtop

TRM-407C

3M Order Code	Model #	Description
AT010590563	TRM-407C	TR-300+ PAPR Kit which include TR-302E+ Air filter unit, M-407 Headtop with flame resistant shroud, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor, TR-325 Standard waist belt and 901-00-87 tote bin.

For spare parts and accessories refer to the Part & Accessories Guide

Versaflo™ Integrated Suspension S-Series Hoods & Headcovers

All S-Series headtops compatible with TR-300+, TR-600, TR-800 and continuous flow supplied air regulators V-100, V-200, V-300, V-500E.

S-333SG, S-333LG, S-533S & S-533L compatible with PF-600E-ASB with PF-949 breathing tube adaptor

- Integrated suspension hoods and headcovers offer the advantage of being fully assembled and ready to use straight out of the box.
- They can be suitable for applications that require frequent replacement of the entire headgear assembly.
- The Integrated comfort suspension feature a wide faceseal with soft elastic for improved comfort. The airflow distribution minimizes the potential for air whistling past the wearer's ears, allowing for better worker communication. The exhalation panel vents the headtop without the traditional vent hole pattern or exhalation valve.

S-133S/S-133L
Head and face coverage.
Integrated Comfort suspension.
General purpose fabric.

S-333SG/S-333LG
Head and face coverage. high durability.
Integrated comfort suspension. Soft durable,
low linting fabric for user comfort.

S-433S/S-433L
Head, face, neck and shoulder
coverage. Integrated suspension.

S-533S/S-533L
Head, face, neck, and shoulder coverage. Integrated
suspension. Durable, soft, low-linting fabric that drapes more
comfortably over the wearer

S-920S/S-920L

Compatible with

PAPR	Continuous Flow Supplied Air
TR-300+	V-500E
TR-600	V-100
TR-800	V-200
PF-600E-ASB with PF-949 Breathing Tube adaptor*.	V-300

*S-333 & S-533 only.

3M Order Code	Model #	Description
52000045782	S-133S	Head Cover (Small) with integrated head harness, headtop fabric, spun bond polypropylene
52000045824	S-133L	Head Cover (Large) with integrated head harness, headtop fabric, spun bond polypropylene
52000045865	S333SG	Low lint Head Cover (Small/Grey) with integrated head harness - 1 per box, headtop fabric, polyurethane coated knitted nylon
52000045881	S333LG	Low lint Head Cover (Large/Grey) with integrated head harness - 1 per box, headtop fabric, polyurethane coated knitted nylon
52000045907	S-433S	Hood (Small) with integrated head harness - 1 per box, headtop fabric, spun bond polypropylene
52000045923	S-433L	Hood (Large) with integrated head harness - 1 per box, headtop fabric, spun bond polypropylene
52000045949	S-533S	Low Lint Hood (Small) with integrated head harness - 1 per box, headtop fabric, polyurethane coated knitted nylon
52000045964	S-533L	Low Lint Hood (Large) with integrated head harness - 1 per box, headtop fabric, polyurethane coated knitted nylon
AT010584301	S-920L	Visor Cover for Integrated Harness Hoods S-100, S-300, S-400 & S-500 Assemblies (L) - 10 per pack
AT010584319	S-920S	Visor Cover for Integrated Harness Hoods S-100, S-300, S-400 & S-500 Assemblies (S) - 10 per pack

For spare parts and accessories refer to the Part & Accessories Guide

Versaflo™ S-Series Premium Head Suspension Hoods & Headcovers

Compatible with TR-300+, TR-600, TR-800 and continuous flow supplied air regulators V-100, V-200, V-300, V-500E.

- Premium reusable suspension hoods can be a very cost-effective choice for some high disposal rate environments—just the soiled hood fabric is replaced, while the suspension and air ducting can be reused.

- The suspension's rigid ducting provides a consistent air path.

- An externally-adjustable airflow control allows wearers to modify the airflow distribution to suit personal comfort needs. While wearing, the airflow may be directed primarily to the front visor or split to provide more airflow to the top of the head.

- The suspension has independent adjustments for the crown and head circumference, allowing a comfortable, custom fit for a wide range of head sizes.

Compatible with

PAPR	Continuous Flow Supplied Air
TR-300+	V-500E
TR-600	V-100
TR-800	V-200
	V-300

S-655

Head, face, neck and shoulder coverage. Its respiratory seal is a comfortable, knitted inner collar that is shorter and thinner than previous models. General purpose, cost-effective fabric.

S-657

Similar to S-655. The S-657 uses a double shroud design for its respiratory seal; wearers can select their preferred seal design. The S-657 is worn by tucking the inner shroud into a shirt or protective coverall, allowing excess air to be channelled over the body.

S-757

Similar to S-657 but with a fabric specifically intended to help capture paint overspray, minimizing the potential for paint to flake off the wearer and onto the work piece. Fabric has an internal film barrier to help prevent paint contact with skin or clothes.

S-855

Similar to S-655 but made with Kappler® Zytron® 200, a polypropylene fabric with a multi-layer barrier film. Features sealed seams, making it suitable for environments where certain liquid splash hazards may be present. Includes a comfortable inner collar.

Accessories

S-950

Opened Valve
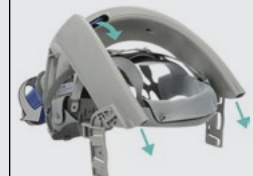
Closed Valve

The external lets wearers modify the location of the airflow.

S-953

S-922

3M Order Code	Model #	Description
UU003722327	S-655	Hood with replaceable head suspension - 1 per box, headtop fabric, spun bond polypropylene
UU003722335	S-657	Double Shroud Hood with replaceable head suspension - 1 per box, headtop fabric, spun bond polypropylene
UU003719109	S-757	Double Laminate Hood with replaceable head suspension - 1 per box, headtop fabric, spun bond polypropylene
70071533338	S-855	Sealed seam hood with replaceable head harness - 1 per box, headtop fabric, spun bond polypropylene
70071533395	S-950	Premium Head Suspension for S-600, S-700 & S-800 Assemblies. Includes S-955 Air-Flow adjustment cover and S-956 Air duct sealing ring
52000046152	S-953	Comfort Pad for S-600, S-700 & S-800 Assemblies
AT010582792	S-605	Replacement Hood for S-655 - 1 per box
AT010582800	S-607	Replacement Hood for S-657 - 1 per box
AT010582818	S-707	Replacement Hood for S-757 - 1 per box
70071533312	S-805	Replacement Hood for S-855 - 5 per box
AT010584327	S-922	Visor Cover for Reusable Harness Hoods S-600, S-700 & S-800 Assemblies - 10 per pack

For spare parts and accessories refer to the Part & Accessories Guide

Make your own Versaflo PAPR Kit/Combination

Combine any Versaflo S-Series, M-Series or Tight Fitting facepiece with a Versaflo PAPR Starter Kit to make your own kit/combination.

Step 1: Select S-Series, M-Series or Tight Fitting facepiece

Integrated Head Harness

S-133S/S-133L   S-333SG/S-333LG   S-433S/S-433L   S-533S/S-533L

3M™ Versaflo™ Headtops M-Series

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

Reusable Premium Head Harness

S-655   S-657   S-757   S-855

3M™ 6000 and FF-400 Series Full Face Respirators | 3M™ 7500 Series Half Face Reusable Respirator

FF-400   7500   6000

Only suitable for use with TR-600 & TR-800 and requires BT-63 (70071730934) or BT-64 (70071730876) breathing tubes.   BT-63   BT-64

Step 2 : Select Versaflo PAPR Starter Kit

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

TR-315A+ Starter Kit

Particulate + Gas & Vapour

TR-619A Starter Kit

Intrinsically Safe Particulate + Gas & Vapour

TR-819A starter kit

3M Order Code	Model #	Description
XA010037779	TR-315A+	TR-300+ Versaflo Starter kit which includes TR-302E+ Air filter unit, BT-30 Breathing Tube, TR-970 Air flow indicator, TR-332 Battery Pack, TR-341A Single station Battery charger, TR-3712E PAPR-P3 Particulate filter, TR-371+ Filter cover, TR-3600 Prefilter, TR-362E Spark arrestor and TR-325 Standard waist belt. Does not include a headtop/hood which is required to be purchased separately.
70071697000	TR-619A	Versaflo™ Powered Air Turbo Starter Kit includes TR-602E powered air turbo unit, TR-630 battery, BT-30 Breathing Tube, TR-971 Airflow indicator, TR-6600 Pre Filter, TR-662 Spark arrestor, TR-627 Easy Clean Belt, TR-641E single station battery charger. Does NOT include a filter, filter cover, and headtop/hood which are required to be purchased separately.
70071732666	TR-819A	IS PAPR Starter Kit includes TR-802E powered air turbo unit, TR-830 battery, BT-30 Breathing Tube, TR-6600 Pre filter, TR-627 Easy Clean Belt, TR-971 Airflow indicator, TR-641E single station battery charger and TR-838 battery attachment tool. Does NOT include a filter, filter cover, and headtop/hood which are required to be purchased separately.

Note: Starter Kits do NOT come with a storage tub or bag

Step 3 : Select Filters for chosen PAPR Starter Kit/s

TR-300+ Filter/s

NOTE: TR-315A+ Starter Kit comes with 1 x PAPR-P3 TR-3712E, 1 x TR-3600 Pre Filter & 1 x TR-371+ filter cover

TR-3712E   TR-3802E   TR-3822E   TR-362E   TR-3600

3M Order Code	Model #	Description
UU011647516	TR-3712E	TR-300+ Filter PAPR-P3 Particulate
78815069386	TR-3802E	TR-300+ Filter PAPR-P3 plus Nuisance Organic Vapour
78815069394	TR-3822E	TR-300+ Filter PAPR-P3 & HF Plus Nuisance Acid Gases
AT010592650	TR-3600	TR-300+ Prefilter
UU006386765	TR-371+	TR-300+ Filter cover
XA007706659	TR-362E	Spark Arrestor

TR-600 & 800+ Filters & Filter Covers

NOTE: TR-619A & TR-819A Starter Kits do NOT come with any filter or filter cover

TR-6300FC   TR-6500FC   TR-6700FC   TR-6800FC   TR-662

TR-6310ANZ   TR-6580ANZ   TR-6710ANZ   TR-6820ANZ   TR-6600

3M Order Code	Model #	Description
UU008996215	TR-6310ANZ	PAPR-A1P3 Filter For Organic Vapours and particulates
70071622065	TR-6300FC	Filter Cover to Suit Versaflo™ TR -6310ANZ
UU008996223	TR-6580ANZ	PAPR-A1B1E1HgP3 Filter For Organic Vapours, Acid Gases, Inorganic gases and Mercury vapour including a PAPR-P3 Filter. Suitable for nuisance levels of ammonia. Nuisance level are those underneath the workplace exposure standard (WES)
70071622073	TR-6500FC	Filter Cover to Suit Versaflo™ TR -6580ANZ
UU008996199	TR-6710ANZ	PAPR-P3 Particulate High Efficiency Filter Versaflo™
70071618261	TR-6700FC	Filter Cover to Suit Versaflo™ TR-6710ANZ
UU008996207	TR-6820ANZ	PAPR-P3 with nuisance level odour. Nuisance level are those underneath the workplace exposure standard (WES)
70071622040	TR-6800FC	Filter Cover to Suit Versaflo™ TR -6820ANZ
70071618246	TR-6600	Versaflo™ Particulate Pre-Filter
70071618253	TR-662	Spark Arrestor TR-662 to suit Versaflo™ TR-600

Step 4 : Select Storage (if required)

S1303-0166   901-00-87

3M Order Code	Model #	Description
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag

For spare parts and accessories refer to the Part & Accessories Guide

3M™ PF-600E-ASB (Proflow SC160) Powered Air Purifying Respirator

- 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
- Compatible with FF-300 and FF-600 full facepieces
- Compatible with S-333, S-533, M-200 and M-300 headtop/hoods with appropriate hoses and PF-949 adaptor. NOTE: M-200 & M-300 with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)
- Requires annual service conducted by an approved 3M service agent
- IP 54 or IP65 (suitable for cleaning by showering/water spray) with filters/decontamination plugs fitted and breathing tube/breathing tube port plug fitted. Do not submerge.

PF-619E-ASB compatible only with

FF-300
Export controlled product. Document required to be signed upon purchase.

FF-600

PF-619E-ASB Starter Kit

PF-619E-ASB-PF-949 compatible only with

S-333

S-533

M-300*

M-200*

*M-200 & M-300 with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)

SS-6607

PF-653

PF-972

PF-641E

3M Order Code	Model #	Description
UU012121842	PF-619E-ASB (064580)	PF-619E-ASB (Proflow SC160) Starter Kit. Comes with PF-602E-ASB blower, PF-972 Airflow Indicator, SC-BT-56-ASB Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt. 2 x DT-1135E PAPR-P3 particulate filters, SS-6601 Prefilter pack (2 x SS-602 Prefilter holders & 6 x SS-6600 Prefilters). Compatible only with FF-300 & FF-600 tight fitting full facepieces.
AT019501454	PF-619E-ASB-PF-949	PF-619E-ASB-PF-949 (Proflow SC160) Starter Kit. Comes with PF-602E-ASB blower with PF949 breathing tube adaptor attached, PF-972 Airflow Indicator, BT-30 Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt. 2 x DT-1135E PAPR-P3 particulate filters, SS-6601 Prefilter pack (2 x SS-602 Prefilter holders & 6 x SS-6600 Prefilters). Compatible only with S-333, S-533, M-200 & M-300 headtops.

For spare parts and accessories refer to the Part & Accessories Guide. NOTE: M-200 & M-300 with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)

PF-600E-ASB (Proflow SC160) System Matrix

Headtop/Facepiece, Hose and Filter Options.

S-333   S-533   M-200*   M-300*

*M-200 & M-300 with PF-600E-ASB-PF-949 Combinations PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)

FF-300   FF-600

Export controlled product. Document required to be signed upon purchase.

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

(BT-30 comes standard with PF-619E-ASB-PF-949 Starter Kit)

SC-BT-56-ASB
(comes standard with PF-619E-ASB Starter Kit)

PF-619E-ASB-PF-949 Starter Kit with PF-949 breathing tube adaptor attached for use with selected loose fitting headtops
3M ID: AT019501454

PF-619E-ASB Starter Kit for use with tight fitting full facepeice FF-300 and FF-600
3M ID: UU012121842

DT-1135E - PF10

DT-1135E PAPR-P3
(comes standard with PF-619E-ASB and PF-619E-ASB-PF-949 Starter Kits)

DT-4045E - CF32

DT-4045E PAPR-B1EK1P3
See note in page 86 in regards to PAPR Organic Vapour rating under AS/NZS 1716

Powered Air Purifying Respirators

3M™ FF-300 (Promask Single/FM3) Full Facepiece

- Halo-butyl elastomer 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
- Certified to AS/NZS 1716:2012 PAPR P3 with PF-600E-ASB (Proflow 160)
- Polycarbonate visor
- Compatible with DT-Series Filters in Negative pressure mode direct to facepiece. Refer to Reusable Respirator section for more information.

> **Export controlled product. Document required to be signed upon purchase.**

Accessories

FF-300-926 (012698)

FF-300-20 (012790)

3M Order Code	Model #	Description
UU010978961	FF-301 (012670)	3M FF-301 (Promask Single/FM3) PAPR full facepiece Small. Export controlled product. Document required to be signed upon purchase.
UU010978953	FF-302 (012681)	3M FF-302 (Promask Single/FM3) PAPR full facepiece Medium/Large. Export controlled product. Document required to be signed upon purchase.
XP100544145	FF-300-926 (012698)	Visor overlays (set of 10)
XP100544160	FF-300-20 (012790)	Prescription spectacle frame

For spare parts and accessories refer to the Part & Accessories Guide

3M™ FF-600 (Vision RFF4000/FM4) Full Facepiece

- Silicon face piece material
- Reverted edge face seal ensuring good fit and increased safety
- High efficiency speech diaphragm allows wearer to communicate clearly
- Available in three sizes
- Certified to AS/NZS 1716:2012 PAPR P3 with PF-600E-ASB (Proflow SC160)
- Polycarbonate visor
- Compatible with DT-Series Filters Negative pressure mode direct to facepiece. Refer to Reusable Respirator section for more information.

Accessories

FF-600-926 (VCP1000)

FF-600-20 (2015082)

3M Order Code	Model #	Description
UU010979498	FF-601 (RFF4000S)	3M FF-601 (RFF4000/FM4) Silicon PAPR Side mounted full facepiece Small
UU010979480	FF-602 (RFF4000M)	3M FF-602 (RFF4000/FM4) Silicon PAPR Side mounted full facepiece Medium
UU010979332	FF-603 (RFF4000M/L)	3M FF-603 (RFF4000/FM4) Silicon PAPR Side mounted full facepiece Medium/Large
UU010979506	FF-600-926 (VCP1000)	Visor overlay tear off (pk 5)
UU010979514	FF-600-20 (2015082)	FF-600 & FF-600F spectacle frames

For spare parts and accessories refer to the Part & Accessories Guide

3M™ DT Series Filters & Accessories for PF-600E-ASB Powered Air Purifying (PAPR) Units

- This selection of DT Series filters are suitable for use with the PF-600E-ASB PAPR
- DT Series filters have a DIN 40mm thread connection

DT-4045E

DT-1135E

Pre-Filters and Accessories

SS-6601   SS-6607   SS-6600

Filter	Colour	Main area of application
PAPR-P	White	Particles: dusts, mists, fumes, fibres & bioaerosols
PAPR-B	Grey	Gases. eg. chlorine, hydrogen sulphide
PAPR-E	Yellow	Sulphur dioxide
PAPR-K	Green	Ammonia and organic ammonia derivatives

3M Order Code	Model #	Description
UU011502539	052670/DT-1135E	DT-Series PF 10 PAPR-P3
UU011502596	042799/DT-4045E	DT-Series CF 32 PAPR-B1E1K1P3
UU010979753	SS-6601/SC-6601	Pre-filter pack for DT-Series Filters. Includes 6 x SS-6600 prefilters and 2 x SS-6602 prefilter holders
UU010979779	SS-6600/SC-660	DT-Series Prefilter 20EA/Pack
XP100544442	SS-6607/SC-6607	DT-Series Filter Covers Orange Polythylene 2/EA/Pack

NOTE: The DT-4045E is a dual rated/labelled filter for both negative pressure full facepiece respirators (FF-300, FF-600 & FF-600F) and the positive pressure PAPR PF-600E-ASB. Due to the constant flow rate on the PAPR, this filer is rated at PAPR-B1E1K1P3 to AS/NZS 1716 with nuisance level capacity for organic vapours in this combination. This filter in the negative pressure full facepiece combination is rated and coloured A2B2E2K2P3 to AS/NZS 1716. For spare parts and accessories refer to the Part & Accessories Guide

PF-600E-ASB Breathing Tubes & Accessories

SC-BT-56-ASB (063799)

BT-20 S/L

BT-30

BT-40

PF-653 (2023305)

SC-327 (2015430)

PF-641E (063791)

BT-922*

3M Order Code	Model #	Description
UU011534342	SC-BT-56-ASB (063799)	EPDM hose (angle & DIN) 80cm for use with FF-300 (FM3) & FF-600 (FM4) (comes standard with PF-619E-ASB Starter Kit and Ready-Pak)
XP100140639	2026231	Fixed length PU for use with FF-300 (FM3) & FF-600 (FM4)
XP100137106	PF-653 (2023305)	Shower plugs blower caps to suit PF-600E-ASB
UU011535331	SC-327 (2015430)	SC-327 Easy clean belt PVC to suit PF-600E-ASB
UU010979811	PF-641E (063791)	Charging Kit for PF-600E-ASB
70071533015	BT-20L	Fixed length lightweight Polyurethane Breathing Tube L=965mm for use with PF-600E-ASB with PF-949 adaptor
70071533023	BT-20S	Fixed length lightweight Polyurethane Breathing Tube L=735mm for use with PF-600E-ASB with PF-949 adaptor
XA007706584	BT-30	Self-adjustable Polyurethane Breathing Tube L=525-850mm for use with PF-600E-ASB with PF-949 adaptor. Comes standard with PF-619E-ASB-PF-49 starter kit and PF-619E-ASB-M-307 Ready-Pak
UU003085113	BT-40	Fixed length Heavy Duty Neoprene Breathing Tube L=840mm for use with PF-600E-ASB with PF-949 adaptor
XA007706527	BT-922	Breathing Tube Cover Polyethylene Clear* - 1 per case

*Breathing tube not included

For spare parts and accessories refer to the Part & Accessories Guide.

3M™ PF-600E-ASB (Proflow SC160) PAPR Ready-Paks

PF-600E-ASB-FF-302 (5064594)

PF-600E-ASB-FF-603 (5564593)

3M Order Code	Model #	Description
UU012187892	PF-600E-ASB-FF-302 (5064594)	FF-302 Medium (Promask Single/FM3) PF-600E-ASB (Proflow SC160) Ready-Pak. Comes with PF-602E-ASB blower, PF-972 Airflow Indicator, SC-BT-56-ASB Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt, 2 x DT-1135E PAPR-P3 Particulate DT-Series (Pro2000) Filters, SS-6601 Prefilter pack (2 x SS-6602 Prefilter holders & 6 x SS-6600 Prefilters) and stackable tubs. Export controlled product. Document required to be signed on purchase.
UU012118202	PF-600E-ASB-FF-603 (5564593)	FF-603 Medium/Large (Vision RFF4000) PF-600E-ASB (Proflow SC160) Ready-Pak. Comes with PF-602E-ASB blower, PF-972 Airflow Indicator, SC-BT-56-ASB Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Shower plugs, SC-327 Easy Clean Belt, 2 x DT-1135E PAPR-P3 Particulate DT-Series (Pro2000) Filters, SS-6601 Prefilter pack (2 x SS-6602 Prefilter holders & 6 x SS-6600 Prefilters) and stackable tubs.

3M™ PF-600E-ASB-M-307 Kit

NOTE: M-307 with PF-600E-ASB-PF-949 Combination PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)

PF-600E-ASB-M-307

3M Order Code	Model #	Description
AT019501447	PF-600E-ASB-M-307	M-307 Headtop with reflective tape, PF-600E-ASB (Proflow SC160) Ready-Pak. Comes with PF-602E-ASB blower with PF-949 breathing tube adaptor attached PF-972 Air Flow Indicator, BT-30 Breathing tube, PF-630 internal battery, PF-641E battery charger, PF-653 Showerplugs, SC-327 Easy Clean Belt, 2 x DT-1135E PAPR-P3 Particulate DT-Series (Pro2000) Filters, SS-6601 Prefilter pack (2 x SS-6602 Prefilter holders & 6 x SS-6600 Prefilters) and S1303-0166 storage bag. NOTE: M-307 with PF-600E-ASB-PF-949 Combination PAPR-P1 rated. Suitable for contaminants up to 10x the Workplace Exposure Standard (WES)

For spare parts and accessories refer to the Part & Accessories Guide

Continuous Flow Supplied Air

Delivers breathing air through a compressed air hose attached to a source of clean air such as a compressor, pump, or air cylinder.

Continuous Flow Supplied Air

Delivers breathing air through a compressed air hose attached to an airpanel to provide a source of clean air such as a compressor, pump, or air cylinder.

Some benefits include

- May be able to use compressed air that is already available
- Options to cool or heat breathable air up to 25°C (50°F)
- Higher protection factors vs negative pressure respirators
- Option where respirator cartridges are not permitted or practical
- No fit testing and limited facial hair permitted with loose-fitting headtops

Other considerations include

- Compressed air needs to be breathable air (requires breathable air filter pannel) and periodic testing required.
- Limited by length of hose
- Installation and maintenance
- Pressure and flow limitations
- Not for use in IDLH atmospheres, oxygen deficient or confined spaces as does not have emergency escape breathing apparatus.

Continuous Flow Supplied Air Systems

| 3M™ Vortex Cooling Supplied Air Unit V-100 | 3M™ Vortex Heating Supplied Air Unit V-200 | 3M™ Supplied Air Unit V-300 | 3M™ V-500E Regulators V-Series | Supplied Air System Stethoscope |

Selection process for Continuous flow supplied air systems

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Select your Air Panel	Select your Compressed Air Supply Hoses	Select your Regulator	Select your Headtop	Select your Breathing Tube	Choose Accessories

Modular respirator systems.

3M™ Versaflo™ Headcovers and Hoods S-Series

Integrated Suspension   Reusable Suspension

S-133 S/L
S-333G S/L

S-433 S/L
S-533 S/L

S-655
S-657
S-757

S-855E

3M™ Versaflo™ Headtops M-Series

Faceshields   Helmets   Helmets with Shrouds

M-206
M-207

M-306
M-307

M-406
M-407

Breathing Tubes - Loose Fitting Hoods & Headtops

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

Powered air turbos

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

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

Continuous Flow Supplied Air Regulators/Valves

Air Cooling   Air Heating   Flow Controlled

3M™ Vortex
Supplied
Air Unit V-100

3M™ Vortex
Supplied
Air Unit V-200

3M™ Supplied
Air Unit V-300

3M™ Supplied
Air Regulator V-500E

TR-300 Filter

- Spark Arrestor
- Prefilter
- PAPR-P3 Filter
- PAPR-P3/Nuisance Level Organic Filter
- PAPR-P3/Nuisance Level Acid Gas (HF up to 10 x WES)

Battery

- High capacity battery

Charger

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

Airline components

Air Supply Hose

Air Panels

**3M™ 6000 and FF-400 Series Full Face Respirators |
3M™ 7500 Series Half Face Reusable Respirator**

Full Face

Half Face

Full Face

FF-400

7500

6000

**Breathing Tubes
- Tight Fitting
Facepieces**
BT-63: Length Adjusting
BT-64: Heavy Duty

BT-63

BT-64

Powered air turbos

Particulate + Gas
& Vapour

Intrinsically Safe
Particulate + Gas
& Vapour

3M™ Versaflo™
Powered Air Turbo TR-600

3M™ Versaflo™
Powered Air Turbo TR-800
Intrinsically safe

**Continuous Flow Supplier Air
Stethoscope & Valves**
7500 Half Face and 6000
Full Face only

Stethoscope Airline system

**TR-600 &
TR-800 Filter**
● Spark Arrestor
● Prefilter
● PAPR-P3 Filter
● PAPR-P3/Nuisance Level
Organic Vapour/Acid Gas
● PAPR-A1P3 Filter
● PAPR-A1B1E1HgP3 Filter

TR-600 Battery
● Standard Battery
● High Capacity Battery

**TR-600 & TR-800
Chargers**
● Single Station Bat. Charger
● 4-Station Bat. Charger Kit

TR-830 Battery
● TR-830 Intrinsic Safe Battery
for use with TR-800

Airline components

Air Supply Hose

Air Panels

3M™ Versaflo™ Supplied Air Regulator V-500E & Kits

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. Suits the range of M Series and S Series Versaflo and selected Speedglas headtops.

Accessories

023-05-51P5

M-928 for M-200, M-300 & M-400 Headtops

M-976 for M-200 & M-300

BT-922*

M-924-25 for M-200, M-300 & M-400 Headtops

901-00-73 (CEJN 342)

V-500E
Does NOT include 901-00-73 (CEJN 342) fitting

ALVM-206E (902-03-84)
Includes 1 × 901-00-73 (CEJN 342) fitting attached

Example Setup

Airflow To Headtop
To Spray gun (optional)
From Air Panel
Airflow
Airflow

ALVM-406E (902-03-86)
Includes 1 × 901-00-73 (CEJN 342) fitting attached

3M Order Code	Model #	Description
XA007706675	V-500E	Supplied Air Regulator Does NOT include 901-00-73 (CEJN 342) fitting attached or breathing tube.
AT010587783	ALVM-206E (902-03-84)	Versaflo™ Spray Painter Kit, ALVM-206E c/w V-500 supplied air regulator, BT30 breathing tube, M-206 headtop and 901-00-87 tote bin. Includes 1 × 901-00-73 (CEJN 342) fitting attached
AT010587809	ALVM-406E (902-03-86)	Versaflo™ Kit ALVM-406E c/w V-500 supplied air regulator, BT30 breathing tube, M-406 headtop and 901-00-87 tote bin. Includes 1 × 901-00-73 (CEJN 342) fitting attached.
AT019166499	901-00-73	CEJN Series 342 Nipple Male thread R 1/4"
52000017831	023-05-51P5	Carbon Filter & O-Ring Kit (5 x Replacement Filters plus 10 x O-Rings) Note: Carbon filter recommended replacement 6 monthly
UU003029780	M-976	Head, Neck, Shoulder Cover - 1 per case
70071564341	M-928	Clear Peel-Off Visor Covers - 40 per case
XA007706527	BT-922*	Breathing Tube Cover Polyethylene Clear - 1 per case
70071767332	M-924-25	Tinted Peel Peel-Off Covers M-924-25, for M-Series visors 25 EA/Case

For spare parts and accessories refer to the Part & Accessories Guide. *Breathing tube not included.
Note: Confirm if your compressor has sufficient free air capacity for all users, regulators, sprays guns, other equipment etc. to maintain respiratory protection for wearers of respiratory protective equipment. The more users and equipment connected to the system the greater the free air capacity required

V-100 Versaflo Vortex Cooling Assembly

Cooling Airline Kit includes Cooling Vortex Kit, V-100, muffler, hose connector, BT-30 adjustable breathing tube, waist belt and user instructions. Suits the range of M Series and S Series Versaflo and selected Speedglas headtops. Can provide the wearer up to 25ºC cooling of the compressed air supply temperature

902-02-18

3M Order Code	Model #	Description
AT019184244	902-02-18	V-100 Cooling Airline Kit with adjustable BT-30 Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached.
AT019167983	902-01-77	V-100 Cooling Airline Regulator - Without Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached

For spare parts and accessories refer to the Part & Accessories Guide

V-200 Versaflo Vortex Heating Assembly

Heating Airline Kit includes Heating Vortex kit, V-200, muffler, hose connector, waist belt and user instructions.Suits the range of M Series and S Series Versaflo headtops. Can provide the wearer up to 25ºC heating of the compressed air supply temperature

902-02-85

3M Order Code	Model #	Description
AT010589466	902-02-85	V-200 Heating Airline Kit with BT-30 Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached

For spare parts and accessories refer to the Part & Accessories Guide

V-300 Standard Airline Kit

Standard Airline Kit includes Standard Airline Regulator, V-300, muffler, hose connector, belt and instructions. Suits the range of M Series and S Series Versaflo headtops.

902-01-78

3M Order Code	Model #	Description
AT019167991	902-01-78	V-300 Standard Airline Kit without Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached.
AT019184236	902-02-17	V-300 Standard Airline Kit with BT-30 Breathing Tube. Includes 901-00-73 (CEJN 342) fitting attached

For spare parts and accessories refer to the Part & Accessories Guide.

Note: Confirm if your compressor has sufficient free air capacity for all users, regulators, sprays guns, other equipment etc. to maintain respiratory protection for wearers of respiratory protective equipment. The more users and equipment connected to the system the greater the free air capacity required

Compatible Hoods and Headtops with V-100, V-200, V-300 and V-500E

M-206
M-207

M-306
M-307

M-406
M-407

S-133 S/L
S-333G S/L

S-433 S/L
S-533 S/L

S-655
S-657
S-757

S-855E

Continuous Flow Supplied Air

Dual Airline Stethoscope Airline Systems Full and Half Facepiece Sets

SA-2500

SA-2600

6880

SA-1007

68SA2/69AS2

3M Order Code	Model #	Description
AT019167140	68SA2	Full Facepiece System - Medium Kit c/w 6000 series full facepiece, SA-2500 Dual Airline Stethoscope breathing tube, SA-1007 Dual airline air regulating valve assembly and 901-00-73 CEJN Series 342 nipple connector
AT019167157	69SA2	Full Facepiece System - Large Kit c/w 6000 series full facepiece, SA-2500 Dual Airline Stethoscope breathing tube, SA-1007 Dual airline air regulating valve assembly and 901-00-73 CEJN Series 342 nipple connector
70070613214	SA-2500	Dual Airline Stethoscope Breathing Tube
70070710119	SA-2600	Dual Airline back-mounted Stethoscope breathing tube. Capability of fitting negative pressure filters as well as positive pressure continuous airflow airline protection.
AT019166499	901-00-73	CEJN Series 342 Nipple Male thread R 1/4"
70070611606	SA-1007	SA-1007 Dual airline air regulating valve assembly. Comes with SA-1009 Dual airline air regulating valve & clip and GVP-127 Belt
70070757375	6880	Bayonet blanking cap 10/Pack. Used to close back bayonet attachments on SA-2600 back mounted dual airline breathing tube.

For spare parts and accessories refer to the Part & Accessories Guide

Dual Airline Stethoscope Breathing Tube Sets

901-00-71

902-03-15 shown fitted on 6000 Series Full face with 6035 filters fitted on the SA-2600 combination dual back mounted stethoscope breathing tube

NOTE: Does not include facepiece or filters

Dual Airline Stethoscope Airline System Compatible facepieces

7500

6000

3M Order Code	Model #	Description
AT010589458	901-00-71	SA-2000 Dual Airline Kit complete with SA-2500 dual airline stethoscope breathing tube, CEJN Series 342 nipple connector and SA-1007 Dual airline air regulating valve assembly. Compatible with 6000 Full Facepeice and 7500 half facepeice series.
AT019202897	902-03-15	SA-2100 Combination Dual Airline Kit complete with SA-2600 dual airline back-mounted stethoscope breathing tube, CEJN Series 342 nipple connector and SA-1007 Dual airline air regulating valve assembly. Capability of fitting negative pressure bayonet as well as positive pressure continuous airflow airline protection. Compatible with 6000 Full Facepeice and 7500 half facepeice series

For spare parts and accessories refer to the Part & Accessories Guide

Airline 1 Outlet Panel (425L/min)

Recommended filter replacement schedule; Particulate Coalescing element yearly or 8000 hours, whichever comes first. Carbon element 6 monthly. Note: More frequent filter change may be required based on usage

901-01-07

3M Order Code	Model #	Description
AT019202772	901-01-07	Breathing Air Panel with CEJN Series 342 Coupling - 1 Fitting, 1 person
AT019202798	901-01-09	Coalescing Element
AT019202806	901-01-10	Carbon Element

For spare parts and accessories refer to the Part & Accessories Guide

Airline 3 Outlet Panel (1020L/min)

Recommended filter replacement schedule; Particulate Coalescing element 2 years or when pressure drop reached 0.1MPa, Carbon element 1. When a odour is noticed coming form the outlet side 2. Even if deodorisation performance is normal, the replacement interval for the element is when the pressure drop reaches 0.1MPa or after 2 years of operation, whichever comes first. Note: More frequent filter change may be required based on usage

901-00-47

3M Order Code	Model #	Description
AT019184335	901-00-47	Air Panel with CEJN Series 342 Couplings - 3 person
AT019165854	901-00-50	Coalescing Element
AT019165847	901-00-49	Carbon Element

For spare parts and accessories refer to the Part & Accessories Guide

Airline Breathable Air Hoses - CEJN Series 342 Fittings

Compatible with V-100, V-200, V-300, V-500E, SA-1007 Dual airline air regulating valve assembly and 901-00-47 & 901-01-07 air filter panels.

Compatible with

V-100   V-200   V-500E   901-01-07

V-300   SA-1007   901-00-47

3M Order Code	Model #	Description
AT019165714	901-00-56	Breathing Hose 7.5m - CEJN Series 342
AT019165706	901-00-55	Breathing Hose 10m - CEJN Series 342
AT019165698	901-00-54	Breathing Hose 15m - CEJN Series 342
AT019185233	901-00-63	Breathing Hose 30m - CEJN Series 342

Note: Confirm if your compressor has sufficient free air capacity for all users, regulators, sprays guns, other equipment etc. to maintain respiratory protection for wearers of respiratory protective equipment. The more users and equipment connected to the system the greater the free air capacity required

Make your own Continuous Flow Supplied Air Kit/Combination

Combine a 3M Versaflo S-Series, M-Series hood/headtop or Tight Fitting facepiece with a Regulator/Regulating Valve or Dual Airline Stethoscope Airline Systems and air filtering panel to make your own kit/combination.

Step 1: Select Headtop, Hood or Facepiece

3M™ Versaflo™ Headtops M-Series

Faceshields	Helmets	Helmets with Shrouds

M-206
M-207

M-306
M-307

M-406
M-407

3M™ 6000 Series Full Face Respirators | 3M™ 7500 Series Half Face Reusable Respirator

Half Face	Full Face

7500

6000

3M™ Versaflo™ Headcovers and Hoods S-Series

Integrated Suspension		Reusable Suspension	

S-133 S/L
S-333G S/L

S-433 S/L
S-533 S/L

S-655
S-657
S-757

S-855E

Step 2 : Regulator/Regulating Valve and Breathing Tube

For use with loose fitting 3M™ Versaflo S-Series and M-Series Hoods and Headtops

V-100 Vortex Cooling Airline Belt System

3M Order Code	Model #	Description
AT019184244	902-02-18	Cooling Airline Kit with adjustable BT-30 Breathing Tube

V-200 Vortex Heating Airline Belt System

3M Order Code	Model #	Description
AT010589466	902-02-85	Heating Airline Kit with BT-30 Breathing Tube

V-300 Standard Airline Kit

3M Order Code	Model #	Description
AT019184236	902-02-17	Standard Airline Kit with BT-30 Breathing Tube

V-500E Regulator & BT-30

V-500E

BT-30   901-00-73

3M Order Code	Model #	Description
XA007706675	V-500E	Supplied Air Regulator (Excludes breathing tube & 901-00-73 CEJN 342 fitting).
XA007706584	BT-30	Self-adjustable Breathing Tube
AT019166499	901-00-73	CEJN Series 342 Nipple Male thread R 1/4"

For use with tight fitting 3M™ 6000 Series Full Face and 3M™ 7500 Series Half Face

901-00-71

902-03-15

3M Order Code	Model #	Description
AT010589458	901-00-71	SA-2000 Dual Airline Kit complete with SA-2500 dual airline stethoscope breathing tube, CEJN Series 342 nipple connector and SA-1007 dual airline air regulating valve assembly.
AT019202897	902-03-15	SA-2100 Combination Dual Airline Kit complete with SA-2600 back mounted dual airline stethoscope breathing tube, CEJN Series 342 nipple connector and SA-1007 dual airline air regulating valve assembly. Capability of fitting negative pressure 3M bayonet filters as well as positive pressure continuous airflow airline protection

Step 3 : Select Air Filtering Panel & Air Hose/s

Airline 1 Outlet Panel (425L/min)

3M Order Code	Model #	Description
AT019202772	901-01-07	Breathing Air Panel with CEJN 342 Coupling - 1 Fitting, 1 person

Airline 3 Outlet Panel (1020L/min)

3M Order Code	Model #	Description
AT019184335	901-00-47	Air Panel with CEJN 342 Couplings - 3 person

Note: Confirm if your compressor has sufficient free air capacity for all users, regulators, sprays guns, other equipment etc. to maintain respiratory protection for wearers of respiratory protective equipment. The more users and equipment connected to the system the greater the free air capacity required.

Airline Breathable Air Hoses - CEJN Series 342 Fittings

3M Order Code	Model #	Description
AT019165714	901-00-56	Breathing Hose 7.5m - CEJN 342
AT019165706	901-00-55	Breathing Hose 10m - CEJN 342
AT019165698	901-00-54	Breathing Hose 15m - CEJN 342
AT019185233	901-00-63	Breathing Hose 30m - CEJN 342

Note: Check your workplace requirements as 2 air hoses may be required e.g. 1 between person/regulator and Air panel, 1 between air panel and compressor

Step 4 : Select Storage (if required)

S1303-0166   901-00-87

3M Order Code	Model #	Description
AT010784307	901-00-87	28L Tote bin for PAPR kits
AT010601550	S1303-0166	Versaflo™ Storage Bag

For spare parts and accessories refer to the Part & Accessories Guide

Pressure Demand Supplied Air & Escape

Ideal for environments where ambient oxygen cannot be guaranteed, pressure demand supplied air respirators combines the highest degree of respiratory protection with long duration use.

Pressure Demand Supplied Air Respirators.

There are commonly three types of pressure demand air supplied air respirators 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 continuous air flow or positive pressure demand airline system.

Positive pressure demand valve airline apparatus includes a full face piece and pneumatics with positive pressure 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 demand 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.
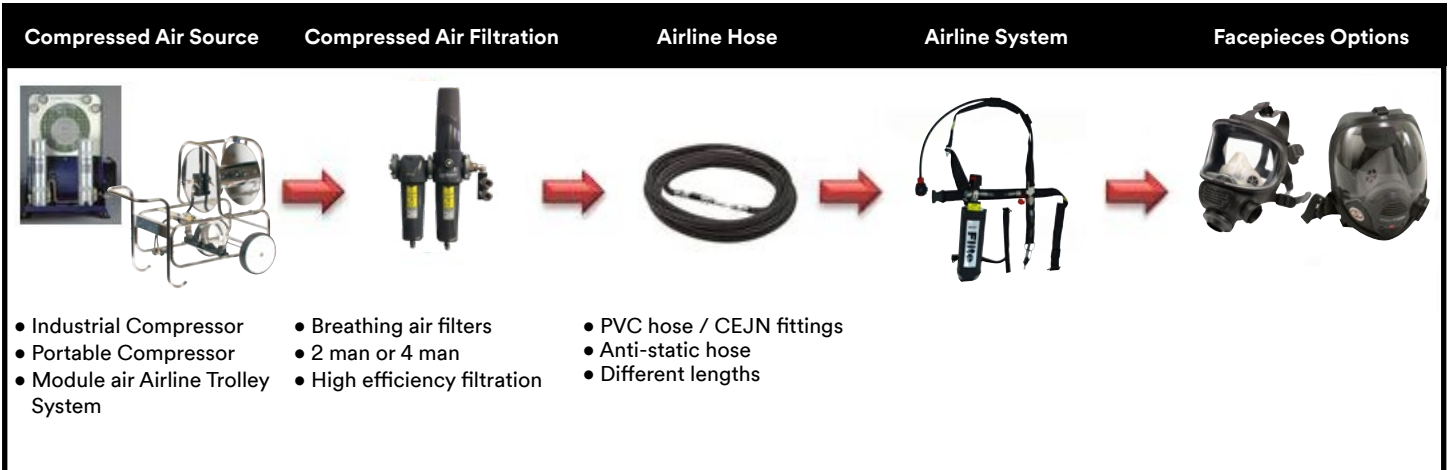
Air cylinder trolley's are available with up to 4 cylinders supplying air for up to 4 employees. This system can offer infinite working duration as one cylinder can be changed whilst taking air from another cylinder.

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.

3M™ offer the ELSA (Emergency Life Support Apparatus) with 15 minute duration cylinders. These products should **NOT** be used for normal working activities, entry to hazardous areas or rescue work.

Pressure Demand Airline Setup example

Compressed Air Source	Compressed Air Filtration	Airline Hose	Airline System	Facepieces Options

• Industrial Compressor • Portable Compressor • Module air Airline Trolley System	• Breathing air filters • 2 man or 4 man • High efficiency filtration	• PVC hose / CEJN fittings • Anti-static hose • Different lengths		

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. A compressed air supply hose connects the wearer to a source of compressed air.

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
- CEJN Series 346 couplings

Recommended filter replacement every 12 months for Upper and lower filter or when oil odour is detected for lower filter.

3M Order Code	Model #	Description
XP100141231	2026771	AFU-2-MAN Two man airline filter unit
XP100141249	2026772	AFU-4-MAN Four man airline filter unit

3M™ Scott Airline Hoses

- Made from durable PVC
- Anti-static hoses available on request
- CEJN Series 346 fittings
- Compatible with 3M Scott Breathing air filters, 3M Scott Flite COV breathing apparatus and 3M Scott Modulair airline trolley.

3M Order Code	Model #	Description
XP100069127	1051463	10 Mtr Black PVC Hose With CEJN Series 346 fittings
XP100069143	1051467	20 Mtr Black PVC Hose With CEJN Series 346 fittings
XP100069168	1051471	30 Mtr Black PVC Hose With CEJN Series 346 fittings
XP100069200	1051477	50 Mtr Black PVC Hose With CEJN Series 346 fittings
XP100100336	2003397	Y Piece With CEJN Series 346 fittings
XP100060530	1023353	Inline Whistle With CEN Couplings
XP100069341	1051528	High Pressure Reducer DIN 300 Bar
XP100069234	1051482	10m Hose Airline Antistatic With Stripe, with CEJN Series 346 fittings
XP100069259	1051486	20m Hose Airline Antistatic With Stripe, with CEJN Series 346 fittings
XP100069267	1051488	30m Hose Airline Antistatic With Stripe, with CEJN Series 346 fittings
XP100069283	1051493	50m Hose Airline Antistatic With Stripe, with CEJN Series 346 fittings

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 facepieces (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
- CEJN Series 346 fittings

3M Order Code	Model #	Description
XP100148376	2031077	Flite COV Airline Breathing Apparatus DV CEN
XP100544202	013190	Promask PP Left Quick Fit Full Facepiece
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Facepiece
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
XP100058286	010.125.00	Flite storage/carrying case

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 ELSA®
Escape Breathing Set

The 3M™ Scott ELSA continuous 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

Self Contained Breathing Apparatus

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.

SCBA Variants:

There are also a range of SCBA variants available including Airline (AC), Split Demand Valve Coupling (SDC or Y2C), Quick Connect Option, fast fill or Duo variants. The SCBA variant selected is depending on the users need and job requirements.

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.

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
AT010663683	2027196	SCBA ProPak-fx-AC-T2
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
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 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
XP100215092	5013175	Promask PP LQF Small HC STD
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 Classic Type 2 SCBA

- Designed for use in various professional fire fighting and industrial applications
- Ergonomically designed, strong, lightweight, moulded back plate
- 100% Kevlar padded webbing harness
- Harness Intrinsically flame retardant 50% Kevlar blend webbing and Nomex 3 fabric
- Optional airline and decontamination attachments
- Mask & cylinders purchased separately
- Certified to AS/NZS 1716:2012 and EN137:1998 Type 2

3M Order Code	Model #	Description
XP100123395	2015294	Propak SCBA - backplate, harness & pneumatics
XP100125234	2016154	ProPak-Duo-AC-F
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100544202	013190	Promask 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
XP100215092	5013175	Promask PP LQF Small HC STD
XP100069903	1051962	MAN-300 Manifold ASSY 300 BAR

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
AT010695230	2027152	SCBA ProPak-Sigma-AC T2
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
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
AT010663915	2027167	SCBA ProPak-I-AC-T2 with airline
XP100142114	2027174	SCBA ProPak-I with fast fill
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
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
XP100142254	2027189	SCBA ProPak-f with fast fill
AT010663402	2027183	SCBA ProPak-f-AC T2 with airline
XP100544202	013190	Promask PP Left Quick Fit Full Face Mask
XP100071271	1071671	Vision 3 PP Left Quick Fit Full Face Mask
XP100215092	5013175	Promask PP LQF Small HC STD
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 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)
XP100149549	2031960	ProPak-f-Ez-flo-AC with airline
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
XP100149630	2031990	ProPak-fx-Ez-flo-AC with airline
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
XP100069903	1051962	MAN-300 Manifold Assy 300 Bar
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
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 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 Pro Hands Free
Thermal In-Mask Imaging System

- **Hot-spot tracker -** Immediately identify the hottest part of the scene and display its relative temperature. Ideal for overhaul, search and rescue, and risk assessment
- **Cold-spot tracker -** Immediately identify the coldest part of the scene and display its relative temperature. Ideal for hazmat environments
- **Tactical Video Recording (TVR) -** Automatically record all the information shown on the IMD for review later.
- 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
AT010788225	8007317	3M™ Scott™ Sight Pro AV3000HT Small
78008249704	8007318	3M™ Scott™ Sight Pro AV3000HT Medium
78008249571	8007319	3M™ Scott™ Sight Pro AV3000HT Large
XP100852233	8007320	3M™ Scott™ Sight Pro AV3000HT ECB Small
78008249597	8007321	3M™ Scott™ Sight Pro AV3000HT ECB Medium
78008249605	8007322	3M™ Scott™ Sight Pro AV3000HT ECB Large

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

EPIC related questions:

1. Is only voice amp needed?

2. What Radio is used?

3. Is the Radio used Bluetooth capable?

4. If so is a Lapel/Push to Talk (PTT) needed?

5. How many of each is needed?

6. What type of mask is needed, Promask, Vision or AV3000HT (only used on ProPak-f/fx-Eze Flo)?

*Please note existing Promask/Vision and Vision AMS are not able to be upgraded to add Epic comms port, customers will need to purchase a new mask that has Epic comms bracket fitted.

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

3M™ Scott Steel Cylinders

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

3M Order Code	Model #	Description
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

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
AT010788142		Trigene Wipes Drum (180)
AT010648684	2008248EA	Trigene Solution 5L Concentrat Clear
AT010659616	TRIG:31	Trigene Pre-Mix 1 To 100 5L Green

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
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

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

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.

#3MScienceOfSafety

The solution, protection and validation.

As a global leader in 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 (SLC$_{80}$).

An SLC$_{80}$ rating is determined based on how well the hearing protector performed in a laboratory. However, each hearing protector's SLC$_{80}$ 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 3M™ E-A-Rfit™ Dual-Ear 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 that 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 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

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

		3M Code	Model #	Item Description	Qty/Case	SLC$_{80}$ dB	Class
Disposable		70071514940	311-1101	3M™ E-A-R™ Classic™ Corded	2000 pairs	21	3
		70071514916	310-1001	3M™ E-A-R™ Classic™ Pillow Pack, Uncorded	2000 pairs	23	4
		70071514932	312-1201	3M™ E-A-R™ Classic™ Polybag, Uncorded	2000 pairs		
		70071562774	393-2003-50	3M™ E-A-R™ Classic™ EARfit Probed Test Plug	50 pairs		
		AT010615121	1100	3M™ 1100 & 1110 Uncorded	1000 pairs	21	3
		AT010615154	1110	3M™ 1100 & 1110 Corded	500 pairs		
		70071577772	393-2010-50	3M™ 1100 EARfit Probed Test Plug	50 pairs		
		70071515848	310-4002	3M™ E-A-R™ Classic™ Platinum (Small) Pillow Pack, Uncorded	2000 pairs	23	4
		70071515871	310-4003	3M™ E-A-R™ Classic™ Platinum (Small) Polybag, Uncorded	2000 pairs		
		70071562816	393-2003-50	3M™ E-A-R™ Classic™ Platinum (Small) EARFit Probed Test Plug	50 pairs		
		70071515020	312-1250	3M™ E-A-Rsoft™ Yellow Neons™ Regular Uncorded	2000 pairs	23	4
		70071515152	311-1251	3M™ E-A-Rsoft™ Yellow Neons™ Large Corded	2000 pairs		
		70071515053	312-1251	3M™ E-A-Rsoft™ Yellow Neons™ Large Uncorded	2000 pairs		
		70071562741	393-2000-50	3M™ E-A-Rsoft™ Yellow Neons™ EARfit Probed Test Plug - Regular	50 pairs		
		70071650249	393-2014-50	3M™ E-A-Rsoft™ Yellow Neons™ EARfit Probed Test Plug - Large	50 pairs		
		70071515145	311-1254	3M™ E-A-Rsoft™ Superfit™ Regular Corded	2000 pairs	24	4
		70071515061	312-1255	3M™ E-A-Rsoft™ Superfit™ Large Uncorded	2000 pairs		
		70071515038	312-1256	3M™ E-A-Rsoft™ Superfit™ Regular Uncorded	2000 pairs		
		70071562741	393-2000-50	3M™ E-A-Rsoft™ Yellow Neons™ EARfit Probed Test Plug - Regular	50 pairs		
		70071650249	393-2014-50	3M™ E-A-Rsoft™ Yellow Neons™ EARfit Probed Test Plug - Large	50 pairs		
		70071515137	312-1260	3M™ E-A-Rsoft™ FX™ Corded	2000 pairs	26	5
		70071515046	312-1261	3M™ E-A-Rsoft™ FX™ Uncorded	2000 pairs		
		70071562782	393-2004-50	3M™ E-A-Rsoft™ FX™ EARfit Probed Test Plug	50 pairs		
		70071515228	312-1219	3M™ E-A-R™ Taperfit™ 2 Regular Uncorded	2000 pairs	26	5
		70071515236	312-1221	3M™ E-A-R™ Taperfit™ 2 Large Uncorded	2000 pairs		
		70071515251	312-1224	3M™ E-A-R™ Taperfit™ 2 Large Corded	2000 pairs		
		70071562808	393-2006-50	3M™ E-A-R™ TaperFit™ 2 EARfit Probed Test Plug - Regular	50 pairs		
		70071733557	393-2027-50	3M™ E-A-R™ TaperFit™ 2 EARfit Probed Test Plug - Large	50 pairs		
Push-to-Fit		70071516002	321-2115	3M™ E-A-R™ Express™ PodPlugs™ Corded	400 pairs	19	3
		70071516010	321-3200	3M™ E-A-R™ Express™ PodPlugs™ Uncorded	400 pairs		
		70071562725	393-2008-50	3M™ E-A-R™ Express™ PodPlugs™ EARfit Probed Test Plug	50 pairs		
		70071515673	318-1002	3M™ E-A-R™ Push-Ins™ Uncorded	2000 pairs	23	4
		70071515707	318-1003	3M™ E-A-R™ Push-Ins™ Corded	2000 pairs		
		70071562766	393-2002-50	3M™ E-A-R™ Push-Ins™ EARfit Probed Test Plug	50 pairs		
		70071515640	P1300	3M™ Skull Screws™ Uncorded	480 pairs	26	5
		70071515632	P1301	3M™ Skull Screws™ Corded	480 pairs		
		70071647757	393-2012-50	3M™ Skull Screws™ EARfit Probed Test Plug	50 pairs		
		70071515657	318-1008	3M™ E-A-R™ Push-Ins™ w/ Grip Rings Uncorded	2000 pairs	24	4
		70071515681	318-1009	3M™ E-A-R™ Push-Ins™ w/ Grip Rings Corded	2000 pairs		
		70071650298	393-2002-50	3M™ E-A-R™ Push-Ins™ w/ Grip Rings EARfit Probed Test Plug - Regular	50 pairs		
		70071515624	P2000	3M™ No-Touch™ Uncorded	400 pairs	25	4
		70071515616	P2001	3M™ No-Touch™ Corded	400 pairs		
		70071650231	393-2013-50	3M™ No Touch™ EARfit Probed Test Plug	50 pairs		
		70071561487	P1400	3M™ Pistonz™ Uncorded	400 pairs	25	4
		70071561495	P1401	3M™ Pistonz™ Corded	400 pairs		
Reusable		70071521143	340-4001	3M™ E-A-R™ UltraFit™ Uncorded with Storage Case	200 pairs	18	3
		70071515798	340-4002	3M™ E-A-R™ UltraFit™ Corded with Storage Case	200 pairs		
		70071515772	340-4004	3M™ E-A-R™ UltraFit™ Polybag Corded	400 pairs		
		70071562758	393-2001-50	3M™ E-A-R™ UltraFit™ EARfit Probed Test Plug	50 pairs		
		AT010561119	1270	3M™ 1200 Reusable Earplugs Corded	500 pairs	18	3
		AT010561127	1271	3M™ 1200 Reusable Earplugs Cased Corded	500 pairs		
		70071654423	393-2016-50	3M™ 1200 EARfit Probed Test Plug	50 pairs		
		70071515764	340-8001	3M™ E-A-R™ UltraFit™ 27 Earplugs Uncorded	400 pairs	22	4
		70071515756	340-8002	3M™ E-A-R™ UltraFit™ 27 Earplugs Corded	400 pairs		
		70071515723	P3000	3M™ Tri-Flange Earplugs Corded	400 pairs	19	3
		70071515715	P3001	3M™ Tri-Flange Earplugs Cloth Corded	400 pairs		
		70071647740	393-2011-50	3M™ Tri-Flange EARfit Probed Test Plug	50 pairs		
Metal Detectable		70071515749	340-4007	3M™ E-A-R™ UltraFit™ Metal Detectable Corded	400 pairs	18	3
		70071562758	393-2001-50	3M™ E-A-R™ UltraFit™ EARfit Probed Test Plug	50 pairs		
		70071515103	311-4106	3M™ E-A-Rsoft™ Yellow Neons™ Corded	2000 pairs	23	4
		70071562741	393-2000-50	3M™ E-A-Rsoft™ Yellow Neons™ EARfit Probed Test Plug - Regular	50 pairs		
Banded		AT010561135	1310	3M™ 1310 - When worn behind the neck	50 pairs	13	1
		AT010561135	1310	3M™ 1310 - When worn under the chin		18	3
		HC000664835	1311	3M™ 1311 Replacement Pod	20 pairs/box		
One Touch		XA007701783	1100-BT	3M™ 1100 One Touch™ Refill	500 pair/bottle 4 x bottles/case	21	3
		70071514882	391-1001	3M™ E-A-R™ Classic™ One Touch™ Refill	500 pair/bottle 4 x bottles/case	23	4
		70071515087	391-1004	3M™ E-A-Rsoft™ Yellow Neons™ One Touch™ Refill	500 Pairs/Bottle, 4 x Bottles/Case		
		70071521309	391-1005	3M™ E-A-Rsoft™ Yellow Neons™ Large One Touch™ Refill	500 Pairs/Bottle, 4 x Bottles/Case		
		70071674751	390-1012	3M™ E-A-Rsoft™ FX™ One Touch™ Refill	500 Pairs/Bottle, 4 x Bottles/Case	26	5
		70071674207	391-0000	3M™ One Touch™ Pro - Earplug Dispenser	1		
		70071674744	391-0010	3M™ One Touch™ Pro Mounting Adapter Plate (Needed if using same mounting points as Howard Leight LS500 dispenser)	1		

All 3M earplugs are offered corded and most are also offered uncorded.

		3M Code	Model #	Item Description	Qty/Case	SLC$_{80}$ dB	Class
PELTOR Earmuffs		XA007707947	X4A	3M™ PELTOR™ X Series Headband Earmuffs Light Green	10	31	5
		UU008197848	X4B	3M™ PELTOR™ X Series Neckband Earmuffs Light Green	10	29	
		UU010818886	X4P3GS/E	3M™ PELTOR™ X Series Helmet Attach Earmuffs Light Green	10	26	
		XA007707608	HYX4	Replacement Hygiene Kit for X4 Earmuff Models	10		
		70071691136	393-3005-2	3M™ PELTOR™ Earmuff EARfit Probed Test Cushion D	2 Pairs		
		XA007707954	X5A	3M™ PELTOR™ X Series Headband Earmuffs Black	10	35	5
		UU008197863	X5B	3M™ PELTOR™ X Series Neckband Earmuffs Black	10	34	
		UU010818878	X5P3GS/E	3M™ PELTOR™ X Series Helmet Attach Earmuffs Black	10	31	
		XA007707616	HYX5	Replacement Hygiene Kit for X5 Earmuff Models	10		
		70071691136	393-3005-2	3M™ PELTOR™ Earmuff EARfit Probed Test Cushion D	2 Pairs		
		70071730454	H510A	3M™ PELTOR™ Optime™ I Headband	10	28	5
		70071730504	H510F	3M™ PELTOR™ Optime™ I Foldable Earmuff	10	28	
		70071730421	H510B	3M™ PELTOR™ Optime™ I	10	25	4
		70071730496	H510P3GS/E	3M™ PELTOR™ Optime™ I Helmet Attach Earmuff	10	26	5
		XA007707574	HYX1	Replacement Hygiene Kit for Optime™ I Series	10		
		70071691110	393-3001-2	3M™ PELTOR™ Earmuff EARfit Probed Test Cushion B	2 pairs		
		70071730553	H520A	3M™ PELTOR™ Optime™ II Headband Earmuff	10	32	5
		70071730538	H520F	3M™ PELTOR™ Optime™ II Foldable Headband Earmuff	10	32	
		70071730579	H520FHV	3M™ PELTOR™ Optime™ II High Visibility Foldable Headband	10	32	
		70071730546	H520B	3M™ PELTOR™ Optime™ II Neckband Earmuff	10	27	
		70071730520	H520P3GS/E	3M™ PELTOR™ Optime™ II Helmet Attach Earmuff	10	29	
		XA007707582	HYX2	Replacement Hygiene Kit for Optime™ II Series	10		
		70071691110	393-3001-2	3M™ PELTOR™ Earmuff EARfit Probed Test Cushion B	2 pairs		
		70071730603	H540A	3M™ PELTOR™ Optime™ III Headband Earmuff	10	33	5
		70071730629	H540AHV	3M™ PELTOR™ Optime™ III High Visibility Headband	10	33	
		70071730595	H540B	3M™ PELTOR™ Optime™ III Neckband Earmuff	10	34	
		70071730587	H540P3GS/E	3M™ PELTOR™ Optime™ III Helmet Attach Earmuff	10	30	
		XH001659362	HY54	Replacement Hygiene Kit for Optime™ III Series	20		
		70071676285	393-3004-2	3M™ PELTOR™ Earmuff EARfit Probed Test Cushion A	2 pairs		
		XA007703797	H505B	3M™ H505B Welders Earmuff - Neckband	10	22	4
		UU008049353	HY220	3M™ PELTOR™ Replacement Hygiene Kit	20		
		AT010592841	H31P3AF*	3M™ PELTOR™ H31 Low Profile Series Earmuff for M-100 Series Head Top (M-100 no longer sold)	1	20	3
				3M™ PELTOR™ H31 Low Profile Series Earmuff for M-300 Series Head Top		25	4
		XA007702625	Z3AF/2	Helmet Attachment Blade Kit to connect 3M™ PELTOR™ H31 Earmuffs to Versaflo™ M-100 & M-300 Series Head Tops			

E-A-Rfit™ Dual-Ear Validation System

3M Code	Model #	Item Description
70071674116	393-1100	3M™ E-A-Rfit™ Dual-Ear Validation System
70071674694	073-781	3M™ E-A-Rfit™ Dual-Ear, Microphone Assembly
70071676160	073-100	3M™ E-A-Rfit™ Microphone Clips

In Ear Electronic Earplug EARfit Probed Test Plug Range

3M Code	Model #	Item Description
70071734431	393-2030-50	3M™ Skull Screws
70071734449	393-2031-50	CCCGRM-25
70071734456	393-2032-50	3M™ UltraFit™ Small
70071734464	393-2033-50	3M™ UltraFit™ Medium
70071734472	393-2034-50	3M™ UltraFit™ Large

Earplugs

Our 3M Earplug range provides great comfort, fit and good protection.
3M provides a wide range of earplug types to suit 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

Testable with the 3M™ E-A-Rfit™ Validation System

3M™ E-A-R™ Classic™ earplugs meets more wearer and environmental needs with its proprietary foams, preferred cylindrical shape, and proven in-ear comfort.

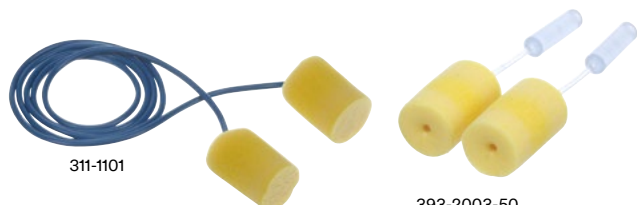**Scan or Click for Technical Data Sheet**

Features and Benefits:

- Moisture Resistant
- Slow-Recovery Foam
- Testable with the 3M™ E-A-Rfit™ Validation System
- Uncorded - SLC$_{80}$ 23dB (Class 4)
- Corded - SLC$_{80}$ 21dB (Class 3)
- 200 pairs/box, 10 boxes/case
- 2000 pairs/case

310-1001
Pillow Pack

311-1101

393-2003-50

310-1001

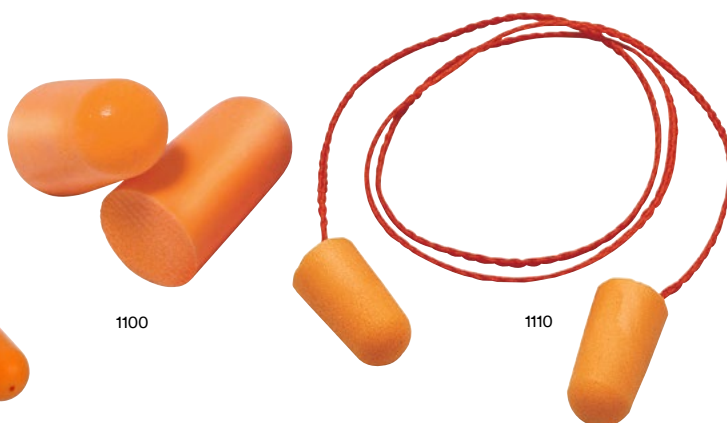| 3M Order Code	Model #	Description
70071514940	311-1101	E-A-R™ Classic Corded
70071514916	310-1001	E-A-R™ Classic Pillow Pack Uncorded
70071514932	312-1201	E-A-R™ Classic Polybag Uncorded
70071562774	393-2003-50	E-A-R™ Classic Probed Test Plug 50 Pairs/Case, UOM Case

Earplugs

3M™ 1100 & 1110 Earplugs

- Available with Cord
- Hypo-allergenic Foam
- Testable with the 3M™ E-A-Rfit™ Validation System
- SLC$_{80}$ 21dB (Class 3)

393-2010-50

1100

1110

3M Order Code	Model #	Description
AT010615121	1100	1100 Earplugs Uncorded (200 pairs/box, 5 boxes/Case, 1000 pairs/Case) UOM Case
AT010615154	1110	1110 Earplugs Corded (100 pairs/box, 5 boxes/case, 500 pairs/Case) UOM Case
70071577772	393-2010-50	1100 Probed Test Plug 50 Pairs/Case, UOM Case

3M™ E-A-R™ Classic™ Platinum™ (Small) Earplugs

- 7% Smaller than Classic
- Moisture Resistant
- Slow-Recovery Foam
- Testable with the 3M™ E-A-Rfit™ Validation System
- SLC$_{80}$ 23dB (Class 4)
- 200 pairs/box, 10 boxes/case
- 2000 pairs/case
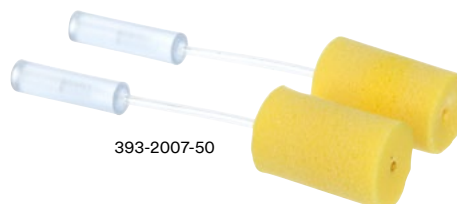
393-2007-50

310-4003

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
70071562816	393-2007-50	E-A-R™ Classic Platinum Probed Test Plug 50 Pairs/Case, UOM Case

3M™ E-A-R™ E-A-Rsoft™ Yellow Neons™ Earplugs

- Slow-Recovery Foam
- Two sizes available
- Testable with the 3M™ E-A-Rfit™ Validation System
- SLC$_{80}$ 23dB (Class 4)
- 200 pairs/box, 10 boxes/case
- 2000 pairs/case

393-2000-50

393-2014-50
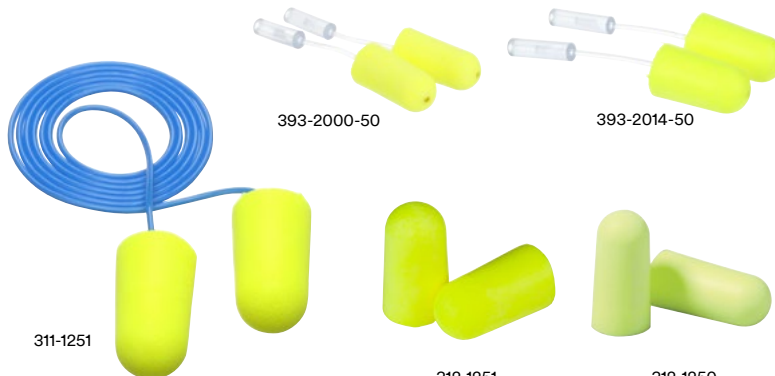
311-1251

312-1251

312-1250

3M Order Code	Model #	Description
70071515020	312-1250	E-A-Rsoft™ Yellow Neons Regular Uncorded
70071515152	311-1251	E-A-Rsoft™ Yellow Neons Large Corded
70071515053	312-1251	E-A-Rsoft™ Yellow Neons Large Uncorded
70071562741	393-2000-50	E-A-Rsoft™ Yellow Neons Probed Test Plug 50 Pairs/Case, UOM Case
70071650249	393-2014-50	E-A-Rsoft™ Yellow Neons Large Probed Test Plug 50 Pairs/Case, UOM Case

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

312-1255

Scan or Click for Technical Data Sheet

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
70071562741	393-2000-50	E-A-Rsoft™ Yellow Neons Probed Test Plug 50 Pairs/Case, UOM Case
70071650249	393-2014-50	E-A-Rsoft™ Yellow Neons Large Probed Test Plug 50 Pairs/Case, UOM Case

3M™ E-A-Rsoft™ FX™ Earplugs

- Available with Cord
- Slow-Recovery Foam
- Easy removal (bell shape)
- Testable with the 3M™ E-A-Rfit™ Validation System
- SLC$_{80}$ 26dB (Class 5)
- 200 pairs/box, 10 boxes/case
- 2000 pairs/case

312-1261

312-1260

393-2004-50

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071515137	312-1260	E-A-Rsoft™ FX Corded
70071515046	312-1261	E-A-Rsoft™ FX Uncorded
70071562782	393-2004-50	E-A-Rsoft™ FX Probed Test Plug 50 Pairs/Case, UOM Case

3M™ E-A-R™ Taperfit™ 2 Earplugs

- Available with Cord
- Slow-Recovery Foam
- Testable with the 3M™ E-A-Rfit™ Validation System
- SLC$_{80}$ 26dB (Class 5)
- 200 pairs/box, 10 boxes/case
- 2000 pairs/case

393-2006-50

312-1219

393-2027-50

312-1224

312-1221

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071515228	312-1219	E-A-R™ Taperfit 2 Regular Uncorded
70071515236	312-1221	E-A-R™ Taperfit 2 Large Uncorded
70071515251	312-1224	E-A-R™ Taperfit 2 Large Corded
70071562808	393-2006-50	E-A-R™ Taperfit 2 Probed Test Plug 50 Pairs/Case, UOM Case
70071733557	393-2027-50	E-A-R™ Taperfit 2 Large Probed Test Plug 50 Pairs/Case, UOM Case

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.
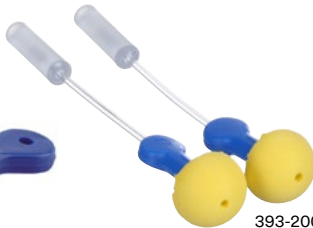
3M™ E-A-R™ EXPRESS™ Pod Plugs™ Earplugs

- Available with Cord
- Slow-Recovery Foam
- Testable with the 3M™ E-A-Rfit™ Validation System
- No Roll-Down Required
- SLC$_{80}$ 19dB (Class 3)
- 100 pairs/box, 4 boxes/Case, UOM Case
- 400 pairs/case

321-2115

321-3200

393-2008-50

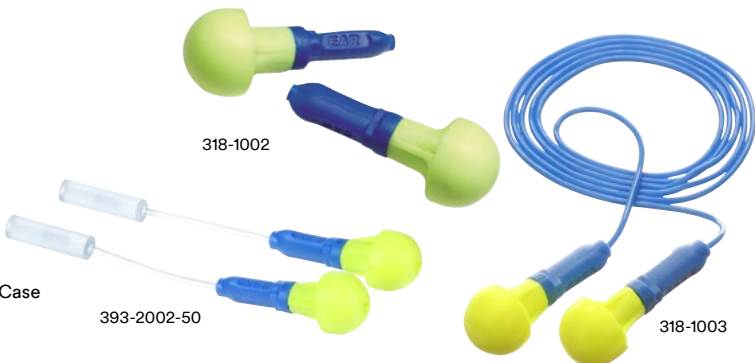**Testable with the 3M™ E-A-Rfit™ Validation System**
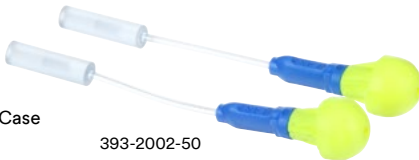
Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071516002	321-2115	E-A-R™ Express Pods Corded
70071516010	321-3200	E-A-R™ Express Pods Uncorded
70071562725	393-2008-50	E-A-R™ Express Pods Probed Test Plug 50 Pairs/Case, UOM Case

3M™ E-A-R™ Push-Ins™ Earplugs

- Available with Cord
- E-A-Rform™ Foam Tip
- Testable with the 3M™ E-A-Rfit™ Validation System
- No Roll-Down Required
- SLC$_{80}$ 23dB (Class 4)
- 200 Pairs/box, 10 boxes/Case UOM Case
- 2000 pairs/case

318-1002

393-2002-50

318-1003

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071515673	318-1002	E-A-R™ Push-Ins Uncorded
70071515707	318-1003	E-A-R™ Push-Ins Corded
70071562766	393-2002-50	E-A-R™ Push-Ins Probed Test Plug 50 Pairs/Case, UOM Case

3M™ Skull Screws™ Earplug

3M™ Skull Screws™ push-to fit foam earplugs offer convenience and noise attenuation with attitude. 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
- Testable with the 3M™ E-A-Rfit™ Validation System
- No Roll-Down Required
- SLC$_{80}$ 26dB (Class 5)
- 120 pairs/box, 4 Boxes/Case UOM Case
- 480 pairs/case

P1300

P1301

393-2012-50

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071515640	P1300	Skull Screws™ Uncorded
70071515632	P1301	Skull Screws™ Corded
70071647757	393-2012-50	Skull Screws™ Probed Test Plug 50 Pairs/Case, UOM Case

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$_{80}$ 24dB Class 4
- 2000 pairs/case
- 200 pairs/box

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

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
70071650298	393-2015-50	E-A-R™ Push-Ins With Grip Rings Probed Test Plug

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

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071515624	P2000	No Touch Uncorded
70071515616	P2001	No Touch Corded
70071650231	393-2013-50	No Touch Probed Test Plug

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

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071561487	P1400	3M Pistonz Uncorded
70071561495	P1401	3M Pistonz 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
- Testable with the 3M™ E-A-Rfit™ Validation System
- SLC$_{80}$ 18dB (Class 3)

340-4002

340-4004

340-4001

393-2001-50

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071515830	340-4003	E-A-R™ UltraFit™ uncorded 400/Case
70071515798	340-4002	E-A-R™ UltraFit™ Cased Corded 200Pairs/Case 50Pairs/Box 4Box/Case UOM Case
70071515772	340-4004	E-A-R™ UltraFit™ Polybag Corded, 400 Pairs/Case, UOM Case
70071562758	393-2001-50	E-A-R™ UltraFit™ Probed Test Plug 50 Pairs/Case, UOM Case

3M™ 1200 Reusable Earplugs

- Reusable, No Roll-Down
- SLC$_{80}$ 18dB (Class 3)
- Testable with the 3M™ E-A-Rfit™ Validation System
- Corded - 500 pairs/case
- Corded - 100 pairs/box
- Corded with case - 250 pairs/case
- Corded with case - 50 pairs/box

Testable with the 3M™ E-A-Rfit™ Validation System

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1200

1270

1271

3M Order Code	Model #	Description
AT010561119	1270	1270 Earplugs Corded 100 Pairs/Box X 5 Boxes/Case (500 Pairs/CTN)
AT010561127	1271	1271 Earplugs Cased Corded 100 Pairs/Box X 5 Boxes/Case (500 Pairs/CTN)
70071654423	393-2016-50	1200 Probed Test Plug 50 Pairs/Case, UOM Case

3M™ E-A-R™ Ultrafit 27 Earplugs

- Tripple-flange tips
- Moisture Resistant
- Reusable, No Roll-Down
- Pistol-grip stem, easy insert
- SLC$_{80}$ 22dB (Class 4)
- 400 pairs/case
- 100 pairs/box

Scan or Click for Technical Data Sheet

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
- SLC$_{80}$ 19dB (Class 3)
- 400 pairs/case
- 100 pairs/box

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071515723	P3000	Tri-Flange Corded
v	393-2011-50	Tri-Flange Probed Test Plug

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.

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

- Triple flange design
- Reusable, no Roll-down
- Implanted stainless steel ball
- SLC80 18dB (Class 3)
- 100 pairs/box, 4 Boxes/Case, UOM Case
- 400 pairs/case
- Testable with the 3M™ E-A-Rfit™ Validation System

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

340-4007

393-2001-50

3M Order Code	Model #	Description
70071515749	340-4007	E-A-R™ Ultrafit™ Metal Detectable Corded
70071562758	393-2001-50	E-A-R™ Ultrafit™ Probed Test Plug 50 Pairs/Case, UOM Case

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

3M™ E-A-Rsoft™ Yellow 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
- SLC80 23dB (Class 4)
- 200 pairs/box, 10 Boxes/Case UOM Case
- Corded - 2000 pairs/case
- Testable with the 3M™ E-A-Rfit™ Validation System

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

311-4106

939-2000-50

3M Order Code	Model #	Description
70071515103	311-4106	E-A-Rsoft™ Yellow Neon Regular Metal Detectable Corded
70071562741	393-2000-50	E-A-Rsoft™ Yellow Neon Probed Test Plug 50 Pairs/Case, UOM Case

Banded Hearing Protector.

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 next in between uses, making them excellent for intermittent use.

3M™ 1310 Banded Series

- Replacement Tips Available
- Flexible Band
- Round Foam Tips
- 50 bands/case
- When Worn Under the Chin = SLC80 18 dB (Class 3)
- When Worn Behind the Neck = SLC80 13 dB (Class 1)

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
AT010561135	1310	3M™ 1310 Banded Series
H0001861683	1311	3M™ 1311 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 pairs 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

1100   Classic™   Yellow Neons™   FX™

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
XA007701783	1100-BT	3M™ 1100 One Touch™ Refill - 500 pair/bottle4 bottles/case, SLC_{80} 21dB (Class 3)
70071514882	391-1001	3M™ Classic™ One Touch™ Refill - 500 pair/bottle 4 bottles/case, SLC_{80} 23dB (Class 4)
70071515087	391-1004	3M™ E-A-Rsoft™ Yellow Neons™ One Touch™ Refill- 500 pair/bottle 4 bottles/case, SLC_{80} 23dB (Class 4)
70071521309	391-1005	3M™ E-A-Rsoft™ Yellow Neons Large One Touch Refill - 500 pair/bottle 4 bottles/case, SLC_{80} 23dB (Class 4)
70071674751	390-1012	3M™ E-A-Rsoft™ FX™ One Touch™ Refill Bottle 500 pair/bottle 4 bottles/case, SLC_{80} 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)

* Please Note: All 3M™ E.A.R™ One Touch Earplug Dispenser products are testable with the 3M™ E-A-Rfit™ Validation System

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 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 that help reduce exposure to hazardous levels of noise.

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.

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

Features and Benefits:

Comfort
- Easy to adjust headband
- Comes in electrically insulated (dielectric) and wire (Note: Neckband version is not dielectric)
- 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.
- Testable with the 3M™ E-A-Rfit™ Validation System

Design
- Extremely lightweight (234g)
- Integrated design for more robustness
- Easy to clean
- Slim design providing excellent compatibility with other 3M personal protection products

NOTE: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

393-3005-2

HYX4

X4B

X4P3GS/E

X4A

3M Order Code	Model #	Description
XA007707947	X4A	3M™ PELTOR™ X4 Series Headband Dielectric Earmuffs Light Green SLC$_{80}$ 31dB (Class 5) 10 Ea/Case UOM
UU008197848	X4B	3M™ PELTOR™ X4 Series Neckband Earmuffs Light Green SLC$_{80}$ 29dB (Class 5) 10 Ea/Case UOM
UU010818886	X4P3G/E	3M™ PELTOR™ Cap Attached Earmuffs
XA007707608	HYX4	Replacement Hygiene Kit for X4 Earmuff Models
70071691136	393-3005-2	3M™ PELTOR™ Earmuff Probed Test Cushion D, 1 Pair/Case UOM Case*

* The probed test cushions for X4B neckband earmuffs do not include the looped back plate, which is needed to attach the head strap for valid fit test results. The looped plate should be temporarily removed from the test subject's regular cushions and attached to the probed cushions as shown for fit testing with the headstrap. Refer to the Technical Data Sheet for further information and guidance.

3M™ PELTOR™ X5 Series Earmuffs

The 3M™ PELTOR™ X5 remains relatively lightweight with excellent balance and wearer comfort despite the larger cups, providing ratings as high as SLC$_{80}$ 35dB. Testable with the 3M™ E-A-Rfit™ Validation System.

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

X5A

X5B

X5P3GS/E

HYX5

393-3005-2

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
XA007707954	X5A	3M™ PELTOR™ X5 Headband Dielectric Earmuffs Black SLC$_{80}$ 35dB (Class 5)
UU008197863	X5B	3M™ PELTOR™ X5 Neckband Earmuffs Black SLC$_{80}$ 34dB (Class 5)
UU010818878	X5P3G/E	3M™ PELTOR™ Cap Attached Earmuffs
XA007707616	HYX5	Replacement Hygiene Kit for X5 Earmuff Models
70071691136	393-3005-2	3M™ PELTOR™ Earmuff Probed Test Cushion D, 1 Pair/Case UOM Case*

* The probed test cushions for X5B neckband earmuffs do not include the looped back plate, which is needed to attach the head strap for valid fit test results. The looped plate should be temporarily removed from the test subject's regular cushions and attached to the probed cushions as shown for fit testing with the headstrap. Refer to the Technical Data Sheet for further information and guidance.

3M™ PELTOR™ Optime™ I Earmuffs

These products are designed to provide moderate level of attenuation that meets the needs of the majority of industrial applications. Testable with the 3M™ E-A-Rfit™ Validation System.

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

HYX1

393-3001-2

H510A

H510F (Unfolded & Folded)

H510B

H510P3GS/E

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071730454	H510A	3M™ PELTOR™ Optime™ I Series Headband Earmuffs Yellow SLC$_{80}$ 28dB (Class 5)
70071730504	H510F	3M™ PELTOR™ Optime™ I Series Foldable Headband Earmuffs Yellow SLC$_{80}$ 28dB (Class 5)
70071730421	H510B	3M™ PELTOR™ Optime™ I Series Neckband Earmuffs Yellow SLC$_{80}$ 25dB (Class 4)
70071730496	H510P3GS/E	3M™ PELTOR™ Optime™ I Series Helmet Attach Earmuffs Yellow SLC$_{80}$ 26dB (Class 5)
XA007707574	HYX1	HYX1 Replacement Hygiene Kit for Optime™ I Series
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

3M™ PELTOR™ Optime™ II Earmuffs

These products are designed to provide moderate to high level of attenuation that meets the needs of many industrial applications where high levels of noise may be encountered. Testable with the 3M™ E-A-Rfit™ Validation System.

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

HYx2

393-3001-2

H520F (Foldable)

H520FHV

H520B

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071730553	H520A	3M™ PELTOR™ Optime™ II Series Headband Earmuffs Green SLC$_{80}$ 32dB (Class 5)
70071730538	H520F	3M™ PELTOR™ Optime™ II Series Foldable Headband Earmuffs Green SLC$_{80}$ 32dB (Class 5)
70071730579	H520FHV	3M™ PELTOR™ Optime™ II Series Foldable Headband Earmuffs Bright Yellow SLC$_{80}$ 32dB (Class 5)
70071730546	H520B	3M™ PELTOR™ Optime™ II Series Neckband Earmuffs Green SLC$_{80}$ 27dB (Class 5)
70071730520	H520P3GS/E	3M™ PELTOR™ Optime™ II Series Helmet Attach Earmuffs Green SLC$_{80}$ 29dB (Class 5)
XA007707582	HYX2	3M™ PELTOR™ Optime™ II Series HYX2 Replacement Hygiene Kit
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

Earmuffs

3M™ PELTOR™ Optime™ III Earmuffs

These products are designed to provide a high level of attenuation that meets the needs of many industrial applications where high levels of noise may be encountered. Testable with the 3M™ E-A-Rfit™ Validation System

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Testable with the 3M™ E-A-Rfit™ Validation System

Scan or Click for Technical Data Sheet

H540A   H540AHV   H540B   393-3004-2

3M Order Code	Model #	Description
70071730603	H540A	3M™ PELTOR™ Optime™ III Series Headband Earmuffs Black/Red SLC$_{80}$ 33dB (Class 5)
70071730629	H540AHV	3M™ PELTOR™ Optime™ III Series Headband Earmuffs Bright Yellow SLC$_{80}$ 33dB (Class 5)
70071730595	H540B	3M™ PELTOR™ Optime™ III Series Neckband Earmuffs Black/Red SLC$_{80}$ 34dB (Class 5)
70071730587	H540P3GS/E	3M™ PELTOR™ Optime™ III Series Helmet Attach Earmuffs Black/Red SLC$_{80}$ 30dB (Class 5)
XH001659362	HY54	3M™ PELTOR™ Optime™ III Series HY54 Replacement Hygiene Kit
70071676285	393-3004-2	3M™ PELTOR™ Earmuff Probed Test Cushion A, 1 Pair/Case UOM Case

3M™ PELTOR™ H31 Low Profile Series

Bright orange coloured earcups for added visibility.

- H31P3AF + Versaflo™ M-100 Series Head Top SLC$_{80}$ 20dB (Class 3)
- H31P3AF + Versaflo™ M-300 Series Head Top SLC$_{80}$ 25dB (Class 4)

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
AT010592841	H31P3AF	Earmuffs for M-Series Head Tops
7000141053	HY52	3M™ PELTOR™ Replacement Hygiene Kit
XA007702625	Z3AF/2	Helmet Attachment Blade Kit to connect 3M™ PELTOR™ H31 Earmuffs to Versaflo™ M-100 & M-300 Series Head Tops.

3M™ PELTOR™ H505B Welders Earmuffs

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

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
XA007703797	H505B	Black Neckband Format Earmuffs, Class 4 SLC$_{80}$ 22dB
UU008049353	HY220	3M™ PELTOR™ Replacement Hygiene Kit

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.
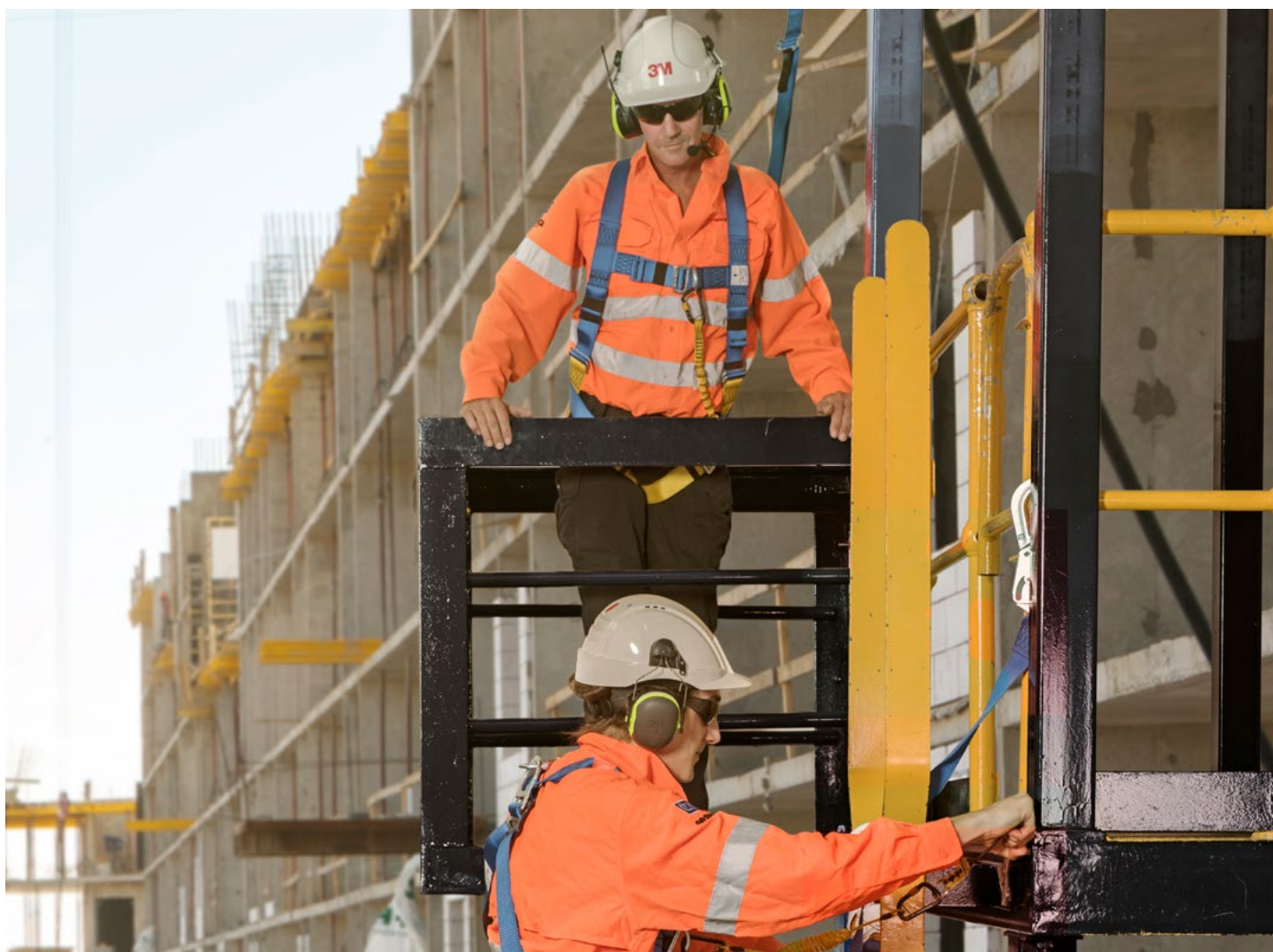
Function symbols.

To help you understand the functionality of the products, below is an explanation of the symbols you will find on the products.

Testable with the 3M™ E-A-Rfit™ Validation System

Hearing protection with built-in AM/FM radio

Hearing protection with built in FM Radio

Hearing protection for communicating with external two-way radio

Hearing protection with built in two-way radio

Hearing protection with external audio input for listen only

Level-dependent function for ambient listening to help improve situational awareness

Bluetooth® MultiPoint technology for connecting to one or two external devices for hands-free talk and streaming

Noise cancelling boom microphone for clear speech transmission in noisy environments

Connect the headset with the "3M™ Connected Equipment" mobile app supporting both Android and iOS

Intrinsically safe design

Bluetooth® Connectivity

Communication & Hearing Selection Guide

	PRODUCT DESCRIPTION	HEAD BAND	CAP/ HELMET ATTACH	NECK BAND	Testable with the 3M™ E-A-Rfit™ Validation System	Hearing protection with built-in AM/FM radio	Hearing protection with built in FM Radio	Hearing protection for communicating with external two-way radio
	3M™ PELTOR™ ProTac III Headset Slim	26dB (Class 5)	24dB (Class 4)		✓			
	3M™ PELTOR™ ProTac III Headset Standard	32dB (Class 5)	30dB (Class 5)		✓			
	3M™ PELTOR™ Worktunes Pro AM/FM Radio Headset	32dB (Class 5)	30dB (Class 5)		✓	✓		
	3M™ PELTOR™ ProTac Hunter Headset	26dB (Class 5)						
	3M™ PELTOR™ ProTac Shooter Headset	32dB (Class 5)						
	3M™ PELTOR™ SportTac™ Hunting Folding Headset	24db (Class 4)						
	3M™ PELTOR™ EEP-100 Electronic Earplug				✓			
	3M™ PELTOR™ TEP-200 Tactical Earplug				✓			
	3M™ PELTOR™ CH-5 Ultra High Attenuation Headset J11	37dB (Class 5)			✓			✓
	3M™ PELTOR™ CH-5 Ultra High Attenuation Headset	37dB (Class 5)	35dB (Class 5)		✓			✓
	3M™ PELTOR™ CH-3 FLX2 Headset with PTT	31dB (Class 5)	29dB (Class 5)	30dB (Class 5)	✓			✓
	3M™ PELTOR™ CH-3 FLX2 Standard J11	31dB (Class 5)	29dB (Class 5)	30dB (Class 5)	✓			✓
	3M™ PELTOR™ CH-3 FLX2 Listen Only Headset	31dB (Class 5)	29dB (Class 5)	30dB (Class 5)	✓			
	3M™ PELTOR™ WS™ Litecom Plus with Bluetooth®	32dB (Class 5)	29dB (Class 5)	30dB (Class 5)	✓			✓
	3M™ PELTOR™ WS™ Litecom Pro III Headset	32dB (Class 5)	29dB (Class 5)	30dB (Class 5)	✓			✓
	3M™ PELTOR™ WS™ ProTac XPI Headset	32dB (Class 5)	27dB (Class 5)		✓			
	3M™ PELTOR™ WS™ ProTac XPI FLX2 Headset	32dB (Class 5)	27dB (Class 5)	29dB (Class 5)	✓			
	3M™ PELTOR™ WS™ Alert XPI Headset	30dB (Class 5)	29 dB (Class 5)		✓		✓	
	3M™ PELTOR™ WS™ Alert X Headset	30dB (Class 5)	29dB (Class 5)					
	3M™ PELTOR™ CH-3 FLX2 Listen Only Ex Hearing Protector	31dB (Class 5)	29dB (Class 5)					
	3M™ PELTOR™ TWIN CUP™ Headset IECEx/ATEX	31dB (Class 5)	30dB (Class 5)		✓			✓
	3M™ PELTOR™ WS™ LiteCom Pro III Headset EX	32dB (Class 5)	29dB (Class 5)	30dB (Class 5)	✓			✓

Hearing protection with built in two-way radio	Hearing protection with external audio input for listen only	Level-dependent function for ambient listening to help improve situational awareness	Bluetooth® MultiPoint technology for connecting to one or two external devices for hands-free talk and streaming	Noise cancelling boom microphone for clear speech transmission in noisy environments	Connect the headset with the "3M™ Connected Equipment" mobile app supporting both Android and iOS	Intrinsically safe design	Bluetooth
	✓	✓					
	✓	✓					
	✓						
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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.

Accessories

HY220   HY100A   FP9007   393-3001-2

Features and Benefits:

- 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
- Testable with the 3M™ E-A-Rfit™ Validation System
- Approximately 100 hours of battery lifetime
- **In the box** - 1 x Headset, 2 x AA batteries, 1 x User Instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

*For user protection, output from headset is not above 82 dB for all sources at a maximum power of 300mV RMS.

MT13H220A

MT13H221A

Scan or Click for Technical Data Sheet

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2	(25mm) Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2	(30mm) Helmet Adapter for Common Helmets
XL001642484	Z3G/2	(25mm) Helmet Adapter for 3M™ Visor Range

Accessories - Hygiene

3M Order Code	Model #	Description
UU008049353	HY220	Replacement Hygiene Kit for ProTac III Headsets
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

3M Order Code	Model #	Description
UU004637789	MT13H220A	Slim Headset, black, headband, SLC$_{80}$ 26dB (Class 5)
UU004637771	MT13H220P3E	Slim Headset, black, helmet attachment, SLC$_{80}$ 24dB (Class 4)
UU004690622	MT13H221A	Headset, black, headband, SLC$_{80}$ 32dB (Class 5)
UU004690614	MT13H221P3E	Headset, black, helmet attachment, SLC$_{80}$ 30dB (Class 5)

Accessories - Cable

3M Order Code	Model #	Description
XH001676952	FL6CE/1	3M™ PELTOR™ FL6CE/1 3.5 mm Cable

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

Features and Benefits:

- 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*
- Approximately 100 hours of use
- Testable with the 3M™ E-A-Rfit™ Validation System
- **In the box** - 1 x Headset, 2 x AA Batteries, 1 x User Instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

*For user protection, output from headset is not above 82 dB for all sources at a maximum power of 250 mV RMS.

Accessories

HY220

HY100A

FP9007

393-3001-2

HRXS221P3E (Helmet not included)

HRXS221A

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
UU004690713	HRXS221A	3M™ PELTOR™ Worktunes Pro AM/FM Radio Headset, black, headband SLC$_{80}$ 32dB (Class 5)
UU004690663	HRXS221P3E	3M™ PELTOR™ Worktunes Pro AM/FM Radio Headset, black, helmet attachment SLC$_{80}$ 30dB (Class 5)

Accessories - Cable

3M Order Code	Model #	Description
XH001676952	FL6CE/1	3M™ PELTOR™ FL6CE/1 3.5 mm Cable

Accessories - Hygiene

3M Order Code	Model #	Description
U008049353	HY220	Replacement Hygiene Kit
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

3M™ PELTOR™ ProTac Hunter/ Shooter Headset

Features and Benefits:

- 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*
- Approximately 100 hours of use
- **In the box** - 1 x Headset, 2 x AA Batteries, 1 x User Instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

* For user protection, output from headset is not above 82 dB for all sources at a maximum power of 18.5 mV RMS.

Accessories

HY220

HY100A

FP9007

MT13H222A

MT13H223A

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
UU004690648	MT13H222A	3M™ PELTOR™ ProTac Hunter Headset, green, headband SLC$_{80}$ 26dB (Class 5)
UU004690630	MT13H223A	3M™ PELTOR™ ProTac Shooter Headset, green, headband SLC$_{80}$ 32dB (Class 5)

Accessories - Cable

3M Order Code	Model #	Description
XH001676952	FL6CE/1	3M™ PELTOR™ FL6CE/1 3.5 mm Cable

Accessories - Hygiene

3M Order Code	Model #	Description
U008049353	HY220	Replacement Hygiene Kit for Hunter & Shooter Headsets
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

3M™ PELTOR™ SportTac™ Hunting Folding Headband

Accessories

HY21

HY100A

FP9007

Features and Benefits:

- Electronic level dependent hearing protector designed for hunting and shooting*.
- Approximately 600 hours operation time
- J22 input for connection to external devices
- To reduce the corrosion caused by sweat the electronics are located in the outer part of the cup
- **In the box** - 1 x SporTac, 2 x AAA Batteries,

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

* For user protection, output from headset is not above 82 dB for all sources at a maximum power of 18.5 mV RMS.

Scan or Click for Technical Data Sheet

MT16H210F-478-GN

3M Order Code	Model #	Description
XH001650049	MT16H210F-478-GN	3M™ PELTOR™ Folding Headband, Level Dependent, Green/Orange SLC$_{80}$ 24dB (Class 4)
XH001650056	MT16H210F-478-RD	3M™ PELTOR™ Folding Headband, Level Dependent, Red/Black SLC$_{80}$ 24dB (Class 4)

Accessories - Cable

3M Order Code	Model #	Description
XH001652078	FL6H	3.5-mm Mono Jack, 1.2m
XH001652110	FL6N	3.5-mm Stereo Jack, 1.2m

Accessories - Hygiene

3M Order Code	Model #	Description
XH001659305	HY21	Replacement Hygiene Kit for SportTac Headset
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

3M™ PELTOR™ EEP-100 Electronic Earplug

The 3M™ PELTOR™ Electronic Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. The earpieces are rechargeable via a USB jack on the charging case providing storage of the earpieces when not being used.

The small and lightweight design makes it compatible with most head borne 3M Personal Safety Equipment (PPE), such as helmets and face shields.

Features and Benefits:

- Hearing protection with interchangeable tips
- Level-dependent function (for situational awareness)
- Intuitive one-button operation
- Rechargeable
- Durable storage and charging case (IP54)
- Testable with the 3M™ E-A-Rfit™ Validation System Testable with the 3M™ E-A-Rfit™ Validation System
- Ultra Fit Eartips = SLC_{80} 16 dB (Class 2)
- CCC-GRM-25 Eartips = SLC_{80} 23 dB (Class 4)
- Skull Screw Eartips = SLC_{80} 23 dB (Class 4)

EEP-100

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071730785	EEP-100 EU	3M™ PELTOR™ Electronic Earplug, EEP-100 EU
70071673746	370-TEPL-25	3M™ UltraFit™ Communication Tips Replacement, Large 25 PR/Case
70071673738	370-TEPM-25	3M™ UltraFit™ Communication Tips Replacement, Medium 25 PR/Case
70071673720	370-TEPS-25	3M™ UltraFit™ Communication Tips Replacement, Small 25 PR/Case
70071675212	CCC-GRM-25	3M™ Triple-C Communication Ear tips 25 PR/Case
70071615275	370-1019-10	3M™ Skull Screw™ Communication Ear Tips (Not in Kit. Purchased Separately)

3M™ PELTOR™ TEP-200 Tactical Earplug

The 3M™ PELTOR™ Tactical Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. Integrated with level-dependent technology, the TEP-200 helps provide hearing protection in noise and situational awareness in quiet environments. Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory (sold separately).

Features and Benefits:

- Allow audio signals to be received wirelessly from a neckloop accessory
- Hearing protection with interchangeable tips
- Level-dependent function (for situational awareness)
- Intuitive one-button operation
- Rechargeable through storage and portable charging case (IP67)
- Testable with the 3M™ E-A-Rfit™ Validation System
- Ultra Fit Eartips = SLC_{80} 16 dB (Class 2)
- CCC-GRM-25 Eartips = SLC_{80} 23 dB (Class 4)
- Skull Screw Eartips = SLC_{80} 23 dB (Class 4)

TEP-200

TEP-LOOP-200

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
70071677010	TEP-200	TEP-200 Tactical Earplug Kit
70071673746	370-TEPL-25	3M™ UltraFit™ Communication Tips Replacement, Large 25 PR/Case
70071673738	370-TEPM-25	3M™ UltraFit™ Communication Tips Replacement, Medium 25 PR/Case
70071673720	370-TEPS-25	3M™ UltraFit™ Communication Tips Replacement, Small 25 PR/Case
70071675212	CCC-GRM-25	3M™ Triple-C Communication Ear tips 25 PR/Case
70071615275	370-1019-10	3M™ Skull Screw™ Communication Ear Tips (Not in Kit. Purchased Separately)

Accessories

3M Order Code	Model #	Description
70071673795	TEP-CORD	3M™ PELTOR™ Replacement Cord
70071677036	TEP-LOOP-200	Wireless Neckloop Accessory (for TEP-200 ONLY)

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

3M Order Code	Model #	Description
70071734431	393-2030-50	3M™ Skull Screws Test Probes
70071734449	393-2031-50	3M™ CCC-GRM Test Probes
70071734456	393-2032-50	3M™ UltraFit™ Small Test Probes
70071734464	393-2033-50	3M™ UltraFit™ Medium Test Probes
70071734472	393-2034-50	3M™ UltraFit™ Large Test Probes

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

These 3M PELTOR headsets are intended to help provide protection against hazardous noise levels and very loud sounds. With new innovative technology and design, the CH-5 headset achieve a very high attenuation. A new water tight boom microphone (IP68) is also developed for this product which allows for operation in wet conditions. Easy to use and maintain.

Designed to be used in extreme military environments such as tanks (crew headsets), ground crew around fighter jets and helicopters together with 3M PELTOR™ PTT Adapters or direct to an intercom system.

Features and Benefits:

- Waterproof microphone (IP68)
- Robust construction, easy to maintain
- Testable with the 3M™ E-A-Rfit™ Validation System
- **In the box** - 1 x Headset, 1 x User Instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Scan or Click for Technical Data Sheet

MT73H450A-38

MT73H450A GB

Scan or Click for Technical Data Sheet

Accessories

HY45

MT73/1

MT7V/1   MT171/2

HY100A

HYM1000

FP9007

393-3001-2

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)
UU008027573	MT73H450P3E-77 GB	Flex Headset, Helmet, Bright Yellow, SLC$_{80}$ 35dB (Class 5)
UU008117143	MT73H450A GB	Headset, Headband, Bright Yellow, J11 PELTOR™ SLC$_{80}$ 37dB (Class 5)
UU008117184	MT73H450P3E GB	Headset, Helmet, Bright Yellow, J11 PELTOR™ SLC$_{80}$ 35dB (Class 5)

Accessories - Microphone

3M Order Code	Model #	Description
UU008163634	MT73/1	3M™ PELTOR™ Water Resistant Standard Boom Microphone MT73/1, 1 ea/Case
UU008159483	M171/2	3M™ PELTOR™ Wind shield for MT73/1, MT33/1 microphone, 2pcs
UU008014308	MT7V/1	3M™ PELTOR™ Boom Microphone for Versalfo M-300 Helmet
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range
XA007702625	Z3AF/2	Helmet Adapter for 3M™ Versaflo M-Series Head Top

Accessories - Hygiene

3M Order Code	Model #	Description
UU008117135	HY45	Replacement Hygiene Kit for CH-5 Headsets
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691136	393-3005-2	3M™ PELTOR™ Earmuff Probed Test Cushion D, 1 Pair/Case UOM Case

3M™ PELTOR™ CH-3 FLX2 Headset with PTT

CH-3 FLX2 Headset with PTT is the solution when you want a smooth and easy to use set-up with fewer cables and easy access to the PTT on your left side of the headset.

Features and Benefits:

- Waterproof microphone (IP68)
- Easy access PTT (Push-to-Talk) button on side of the cup
- Detachable down lead FLX2 connector for major 2 way radios (-111)
- Improved speaker efficiency to fit todays digital device
- Newly designed headband
- Testable with the 3M™ E-A-Rfit™ Validation System
- **In the box** - 1 × 3M™ PELTOR™ CH-3 FLX2 Headset, 1 x User instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Accessories

HY84

HY100A

FP9007

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
UU010250932	MT74H52A-111	CH-3 FLX2 Headset with Built-In PTT, Headband SLC$_{80}$ 31dB (Class 5)
UU010249074	MT74H52B-111	CH-3 FLX2 Headset with Built-In PTT, Neckband SLC$_{80}$ 30dB (Class 5)
UU010247599	MT74H52P3E-111	CH-3 FLX2 Headset with Built-In PTT, Helmet Att. SLC$_{80}$ 29dB (Class 5)

Accessories - FLX2 Cables

3M Order Code	Model #	Description
UU010126348	FLX2-111	for Hytera DP7*
UU010124293	FLX2-35	for Icom angeld 2-pin
UU010124301	FLX2-44	for Icom F31/F41
UU010126330	FLX2-64	for Icom F34/F44
UU010054110	FLX2-36	for Kenwood 2-pin
UU009731132	FLX2-107	for Kenwood Multipin
UU010126314	FLX2-18	for Motorola GP900
UU009898113	FLX2-21	for Motorola GP300/DP1400
UU009879477	FLX2-32	for Motorola GP340
UU009731124	FLX2-63	for Motorola Mototrbo
UU010126322	FLX2-65	for Motorola GP344
UU010902672	FLX2-69	for Cable Motorola DP2400/3441
UU010123584	FLX2-101	for Sepura STP 8*/9*
UU009898071	FLX2-28	for Mobile/Dect phones

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range

Accessories - Hygiene

3M Order Code	Model #	Description
UU010391918	HY84	Replacement Hygiene Kit for CH-3 Headsets
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

*Asterisk denote two-way radio model number information.

3M™ PELTOR™ CH-3 FLX2 Standard J11 Headset

The CH-3 FLX2 Headset is the solution for easy Push-To-Talk (PTT) in rough and dirty environment where it's more convenient to have an external PTT on your chest to control your 2-way radio. Alternative can also be connecting into some type of vehicle intercom.

Features and Benefits:

- Waterproof microphone (IP68)
- Bright yellow colour for enhanced visibility
- Detachable down lead FLX2 connector for high flexibility
- Improved speaker efficiency to fit todays digital device
- Newly designed headband
- Testable with the 3M™ E-A-Rfit™ Validation System
- **In the box** - 1 × 3M™ PELTOR™ CH-3 FLX2 Headset, 1 x User instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Scan or Click for Technical Data Sheet

MT74H52P3E-110

Accessories

HY84

HY100A

FP9007

3M Order Code	Model #	Description
UU010246302	MT74H52A-110	CH-3 FLX2 J11 Headset, Headband SLC$_{80}$ 31dB (Class 5)
UU010246914	MT74H52B-110	CH-3 FLX2 J11 Headset, Neckband SLC$_{80}$ 30dB (Class 5)
UU010246922	MT74H52P3E-110	CH-3 FLX2 J11 Headset, Helmet Attach SLC$_{80}$ 29dB (Class 5)

Accessories - FLX2 Cables

3M Order Code	Model #	Description
UU009731140	FLX2-200	FLX2 Cable J11 Standard
UU010325718	FLX2-201	FLX2 Cable J11 for Ground Mech

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range

Accessories - Hygiene

3M Order Code	Model #	Description
UU010391918	HY84	Replacement Hygiene Kit for CH-3 Headsets
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

3M™ PELTOR™ CH-3 FLX2 Listen Only Headset

The 3M™ PELTOR™ CH-3 FLX2 Listen only Hearing Protector can enhance communication in noisy environments. Suitable for workers connected to 'listen only' 2-way handheld radio, mobile or fixed systems.

Features and Benefits:

- Bright yellow colour for enhanced visibility
- Detachable down lead FLX2 connector for high flexibility (-112)
- Improved speaker efficiency to fit todays digital device
- Newly designed headband
- Testable with the 3M™ E-A-Rfit™ Validation System
- **In the box** - 1 × 3M™ PELTOR™ CH-3 FLX2 Headset, 1 x User instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Scan or Click for Technical Data Sheet

HT52A-112

Accessories

HY84

HY100A

FP9007

3M Order Code	Model #	Description
UU010252029	HT52A-112	CH-3 FLX2 Listen Only Headset, Headband SLC$_{80}$ 31dB (Class 5)
UU010252037	HT52B-112	CH-3 FLX2 Listen Only Headset, Neckband SLC$_{80}$ 30dB (Class 5)
UU010252045	HT52P3E-112	CH-3 FLX2 Listen Only Headset, Helmet Attach. SLC$_{80}$ 29dB (Class 5)

Accessories - FLX2 Cables

3M Order Code	Model #	Description
UU009898089	FLX2-202	3.5mm Stereo
UU009731157	FLX2-203	2.5mm Stereo
UU009898097	FLX2-204	1/4" Stereo
UU009731165	FLX2-205	3.5mm Mono
UU010346730	FLX2-208	3.5mm Threaded

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range

Accessories - Hygiene

3M Order Code	Model #	Description
UU010391918	HY84	Replacement Hygiene Kit for CH-3 Headsets
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

Do you need talk back Communication?

Yes →

Do you prefere External or Built-In PTT?

Built-In →

No ↓

External ↓

CH-3 Listen Only Hearing Protector

HT52A-112

HT52P3E-112

HT52B-112

CH-3 Headset

MT74H52A-110

MT74H52P3E-110

MT74H52B-110

FLX2 Cables for Listen Only

Part.No:	Description:
FLX2-202	Cable 3,5 mm Stereo
FLX2-203	Cable 2,5 mm Mono
FLX2-204	Cable 1/4" Stereo
FLX2-205	Cable 3,5 mm Mono
FLX2-208	Cable 3,5mm Threaded

FLX2 Cables for Headset with External PTT

Part.No:	Description:
FLX2-200	Cable J11 Standard
FLX2-201	Cable J11 for Ground Mech

Adapters for Headset with External PTT

Standard   Ground Mech

CH-3 Headset with PTT

MT74H52A-111

MT74H52P3E-111

MT74H52B-111

FLX2 Cables for Headset with Built-In PTT

Part.No:	Description:
FLX2-111	Cable for Hytera DP7* models
FLX2-35	Cable for Icom angeld 2-pin
FLX2-44	Cable for Icom F31/F41
FLX2-64	Cable for Icom F34/F44
FLX2-36	Cable for Kenwood 2-pin
FLX2-21	Cable for Motorola GP300/DP1400
FLX2-32	Cable for Motorola GP340
FLX2-65	Cable for Motorola GP344
FLX2-18	Cable for Motorola GP900
FLX2-101	Cable for Sepura STP 8*/9* models
FLX2-63-50	Cable for Mototrbo DP4*** models
FLX2-107-50	Cable for Kenwood NX5000
FLX2-28	Cable for Mobile/Dect phone

* Asterisk denote two-way radio model number information.

3M™ PELTOR™ WS™ Litecom Pro III Headset

The 3M™ PELTOR™ WS™ LiteCom Pro III Headset is the next generation protective communication solution. With an integrated, programmable analog/digital two-way radio, Bluetooth® Multipoint connectivity, noise-cancelling microphone, and level dependent function for ambient listening, the WS™ LiteCom Pro III Headset not only helps protect you against hazardous noise, but also makes it easy to communicate in noisy environments and helps you maintain situational awareness.

Application: The 3M™ PELTOR™ WS™ LiteCom Pro III Headset offers wireless communication in noisy environments. Suitable for work in industrial and construction applications, where handsfree communication and hearing protection are needed.

Features and Benefits:

- Programmable analog/digital DMR two-way radio communication
- **Frequency range: 403 – 470 MHz**
- Bluetooth® multipoint functionality
- Watertight microphone (IP68)
- Level-dependent function for ambient listening
- Voice menu with multiple language selection
- Push-to-Listen function
- Rechargeable battery, Li-Ion
- Voice operated transmission (VOX)
- Busy channel indication
- External connection jack
- Auto power off function
- Battery status indication

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

MT73H7A4D10EU

MT73H7B4D10EU

MT73H7P3E4D10EU

Scan or Click for Technical Data Sheet

Accessories

HY83

MT73/1

MT171/2   M60/2

MT7V/1   ACK081

AL2AI

FR08   FL6BR

FP9007   HYM1000

HY100A

393-3001-2

Headsets

3M Order Code	Model #	Description
UU008013599	MT73H7A4D10EU	3M™ PELTOR™ WS™ LiteCom Pro III Headset, 403-470 MHz, Analog/Digital, EU version, Headband SLC₈₀ 32dB (Class 5
UU008013607	MT73H7B4D10EU	3M™ PELTOR™ WS™ LiteCom Pro III Headset, 403-470 MHz, Analog/Digital, EU version, Neckband SLC₈₀ 30dB (Class 5)
UU008014241	MT73H7P3E4D10EU	3M™ PELTOR™ WS™ LiteCom Pro III Headset, 403-470 MHz, Analog/Digital, EU version, Helmet attach SLC₈₀ 29dB (Class 5)

Accessories - FLEX Cable

3M Order Code	Model #	Description
XH001652029	FL6BR	3M™ PELTOR™ FL6BR Connecting cable, J11

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range
XA007702625	Z3AF/2	Helmet Adapter for 3M™ Versaflo M-Series Head Top

Accessories - Microphone

3M Order Code	Model #	Description
UU008163634	MT73/1	3M™ PELTOR™ Water Resistant Boom Microphone (IP 68)
UU008014308	MT7V/1	3M™ PELTOR™ Boom Microphone for 3M™ Versalfo™ M-300 Head Top * Z3AF/2 Backplates Included
UU008159483	M171/2	3M™ PELTOR™ M171/2 Wind shield/Wind protector, 2 pcs for speech microphone
XH001652532	M60/2	3M™ PELTOR™ Wind shield for surround/ environmental mics
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection

Accessories - Hygiene

3M Order Code	Model #	Description
UU008197921	HY83	3M™ PELTOR™ HY83 Hygiene Kit (cushion and foam liner)
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

Accessories - Power

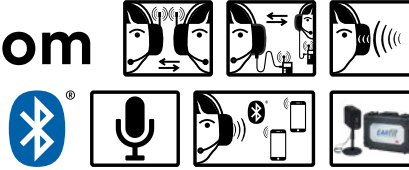| 3M Order Code	Model #	Description
XH001680541	ACK081	3M™ PELTOR™ Rechargeable Li-Ion batterypack (only for WS™ LiteCom Plus Headset, Non Ex)
UU004895189	AL2AI	3M™ PELTOR™ AL2AI Charging cable for ACK081
XH001680194	FR08	3M™ PELTOR™ FR08 Power supply for AL2AI

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B

3M™ PELTOR™ WS™ LiteCom Plus with Bluetooth®

Accessories

HY83

MT73/1

MT171/2   M60/2

MT7V/1   ACK081

AL2AI

FR08   FL6BR

FP9007   HYM1000

HY100A

393-3001-2

3M™ PELTOR™ WS™ LiteCom Plus with Bluetooth® opens up a world of communication. You become a mobile, hands-free communication center, the built-in two-way radio and wireless connections to your computer and cell phone. You can take your calls, or stream music thanks to electronics that let you switch easily between functions.

The level-dependent technology lets you hear ambient sounds such as external alarm signals or approaching vehicles. It also allows face to face communication at close distance.
Robust design (IP54 certified), clear controls and an intuitive menu system

Features and Benefits:

- Built in two-way radio communication
- Range of up to 2km depending on conditions
- 69 channels (LPD 433 MHz)
- 121 subchannels
- IP54 certified
- Level dependent function for ambient listening
- Connect different devices (radio, mobile phone) via Bluetooth® Mutli-Point
- Rechargeable lithium-ion battery with 20 hours operating time
- Noise cancelling waterproof microphone (IP68)
- Voice operated transmission (VOX)
- Auto power off function
- Battery status indication
- Voice guided menu system
- Connects with Bluetooth compatible devices
- Two-way radio (via flex cable or Bluetooth®)
- Testable with the 3M™ E-A-Rfit™ Validation System
- **In the box** - 1 × 3M™ PELTOR™ WS™ LiteCom Plus Headset, 1 x Battery (ACK081), 1 x Power Supply FR08, 1 x Cable AL2AI (for ACK081), 1 x Hygiene Kit HY83, 1 x Mic Tape HYM1000-100, 1 x User instruction

MT73H7B4310WS6AZ

MT73H7A4310WS6AZ

MT73H7P3E4310WS6AZ

Scan or Click for Technical Data Sheet

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

3M Order Code	Model #	Description
UU010265963	MT73H7A4310WS6AZ	WS LiteCom Plus, 2-way LPD 433, headband SLC$_{80}$ 32dB (Class 5)
UU010265971	MT73H7B4310WS6AZ	WS LiteCom Plus, 2-way LPD 433, neckband SLC$_{80}$ 30dB (Class 5)
UU010264578	MT73H7P3E4310WS6AZ	WS LiteCom Plus, 2-way LPD 433, helmet attach SLC$_{80}$ 29dB (Class 5)

Accessories - FLEX Cable

3M Order Code	Model #	Description
XH001652029	FL6BR	Connecting cable, J11

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range
XA007702625	Z3AF/2	Helmet Adapter for 3M™ Versaflo M-Series Head Top

Accessories - Hygiene

3M Order Code	Model #	Description
UU008197921	HY83	Replacement Hygiene Kit
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

Accessories - Microphone

3M Order Code	Model #	Description
UU008163634	MT73/1	3M™ PELTOR™ Water Resistant Standard Boom Microphone MT73/1, 1 ea/Case
UU008014308	MT7V/1	3M™ PELTOR™ Boom Microphone for Versalfo M-300 Helmet
UU008159483	M171/2	3M™ PELTOR™ Wind shield for MT73/1, MT33/1 microphone, 2pcs
XH001652532	M60/2	3M™ PELTOR™ Wind Shield for Surround/ Environmental Mics
XH001651328	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection

Accessories - Power

3M Order Code	Model #	Description
XH001680541	ACK081	Lithium-Ion Battery
UU004895189	AL2AI	Charging cable
XH001680194	FR08	Power supply

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

3M™ PELTOR™ WS™ ProTac XPI Headset

The 3M™ PELTOR™ WS ProTac XPI Headset is an active-hearing protector that features Bluetooth® 4.2 Technology. This enables work with both hands free while taking calls via two-way radio or mobile phones. The ambient listening function lets users hear surrounding noise and converse with colleagues.

Features and Benefits:

- Bluetooth 4.2 including MultiPoint.
- New FLX2 flex jack (for -111 headsets)
- New noise cancelling water resistant speech microphone. Improved speech intelligibility and IP68 rated for use in noisy and demanding environments.
- Support for Bluetooth A2DP, streaming (selectable in Set-up mode).
- Testable with the 3M™ E-A-Rfit™ Validation System
- **In the box** - 1 x Hearing Protector, 2 x AA batteries (non re-chargeable), 1 x User instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction,hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

MT15H7AWS6

Scan or Click for Technical Data Sheet

Accessories

HY83

MT73/1

MT171/2   M60/2

MT7V/1

HY100A

FP9007   HYM1000

393-3001-2

3M Order Code	Model #	Description
UU010123527	MT15H7AWS6	3M™ PELTOR™ WS™ ProTac XPI Headset, headband SLC$_{80}$ 32dB (Class 5)
UU010123535	MT15H7P3EWS6	3M™ PELTOR™ WS™ ProTac XPI Headset, helmet attach SLC$_{80}$ 27dB (Class 5)
UU010123543	MT15H7AWS6-111	3M™ PELTOR™ WS™ ProTac XPI FLX2 Headset, headband SLC$_{80}$ 32dB (Class 5)
UU010123568	MT15H7BWS6-111	3M™ PELTOR™ WS™ ProTac XPI FLX2 Headset, neckband SLC$_{80}$ 29dB (Class 5)
UU010123550	MT15H7P3EWS6-111	3M™ PELTOR™ WS™ ProTac XPI FLX2 Headset, helmet attach SLC$_{80}$ 27dB (Class 5)

Accessories - Microphone

3M Order Code	Model #	Description
UU008163634	MT73/1	3M™ PELTOR™ Water Resistant Standard Boom Microphone MT73/1, 1 ea/Case
UU008159483	M171/2	3M™ PELTOR™ Wind shield for MT73/1, MT33/1 microphone, 2pcs
XH001652532	M60/2	3M™ PELTOR™ Wind Shield for Surround/Environmental Mics
UU008014308	MT7V/1	3M™ PELTOR™ Boom Microphone for Versalfo M-300 Helmet
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection

Accessories - Cables

3M Order Code	Model #	Description
UU010126348	FLX2-111	for Hytera DP7*
UU010124293	FLX2-35	for Icom angeld 2-pin
UU010124301	FLX2-44	for Icom F31/F41
UU010126330	FLX2-64	for Icom F34/F44
UU010054110	FLX2-36	for Kenwood 2-pin
UU009731132	FLX2-107	for Kenwood Multipin
UU010126314	FLX2-18	for Motorola GP900
UU009898113	FLX2-21	for Motorola GP300/DP1400
UU009879477	FLX2-32	for Motorola GP340
UU009731124	FLX2-63	for Motorola Mototrbo
UU010126322	FLX2-65	for Motorola GP344
UU010902672	FLX2-69	for Cable Motorola DP2400/3441
UU010123584	FLX2-101	for Sepura STP 8*/9*
UU009898071	FLX2-28	for Mobile/Dect phones

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range
XA007702625	Z3AF/2	Helmet Adapter for 3M™ Versaflo M-Series Head Top

Accessories - Hygiene

3M Order Code	Model #	Description
UU008197921	HY83	Replacement Hygiene Kit for WS ProTac XPI Headsets
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

3M™ PELTOR™ WS™ ALERT™ XPI Headset
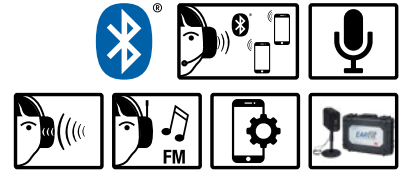
Multipoint bluetooth headset with noise cancelling microphone and situational awareness.

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.

Accessories

HY82

MT53N-14/1

M995/2

MT53V/1

HY100A

FP9007   HYM1000

393-3001-2

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 promote auditory situational awareness.
- 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
- Connectivity to Mobile App - Helps you to set up and navigate your headset via the 3M Connected Equipment Mobile App
- Testable with the 3M™ E-A-Rfit™ Validation System
- **In the box** - 1 x Headset, 2 x AA batteries, 1 x User Instruction, 1 x Hygiene Kit, 1 x Windprotection for the mic

MRX21A3WS6-AZ

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
UU010322954	MRX21A3WS6-AZ	3M™ PELTOR™ WS™ ALERT™ XPI APP, Headband Headset SLC$_{80}$ 30dB (Class 5)
UU010322962	MRX21P3EWS6-AZ	3M™ PELTOR™ WS™ ALERT™ XPI, Helmet Attach Headset, APP, SLC$_{80}$ 29 dB (Class 5)

Accessories - Microphone

3M Order Code	Model #	Description
UU011614862	MT53N-14/1	3M™ PELTOR™ Electret boom microphone, 240mm with plug incl windshield M995/2
XH001679154	M995/2	3M™ PELTOR™ M995 Wind shield for speech microphone
UU008013581	MT53V/1	3M™ PELTOR™ Electret Boom Microphone for Versalfo M-300 Helmet
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection

Accessories - Hygiene

3M Order Code	Model #	Description
UU008567388	HY82	3M™ PELTOR™ HY82 Hygiene kit (cushion and foamliner)
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

3M™ PELTOR™ WS™ ALERT™ X Headset

Hearing protection with Bluetooth® technology and Mobile App interface.

The Bluetooth® headset with noise-cancelling boom microphone connects to your mobile phone for hands free calls and streaming in noisy environments. The headset helps to protect against hazardous noise and at the same time helps promote your situational awareness via the level-dependent function for ambient listening. The headset also syncs to a mobile app so users can easily set-up and adjust the headset.

Features and Benefits:

- Attenuating hearing protector comes in two models: headband or a safety helmet attachment
- Bluetooth® technology for connection to an external Bluetooth® device allows for hands-free talking and streaming
- Noise-cancelling boom microphone for clear speech transmission in noisy environments
- Level-dependent function for ambient listening to help promote auditory situational awareness
- Connection to an iOS and Android compatible mobile app, 3M™ Connected Equipment, to more easily set-up and adjust the headset. The app is available to download from App Store and Google Play.
- Mobile app allows you to receive reminders when to change replacement cushions (hygiene kit) and choose the frequency of these alerts
- Push-to-Listen feature to easily and instantaneously listen to your surroundings
- Voice guided feedback after setting adjustment. No need to remove the headset for any adjustments
- The headset will automatically turn off after four hours of non-use to save battery life
- Low-battery warning at low battery level
- Replaceable cushions (hygiene-kit)
- **In the Box** - 1 x Headset, 2 x AA bateries, 1 x User Instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

MRX21A4WS6

MRX21P3E4WS6

Scan or Click for Technical Data Sheet

Accessories

HY82

MT53N-14/1

M995/2

MT53V/1

HY100A

FP9007   HYM1000

3M Order Code	Model #	Description
UU011469580	MRX21A4WS6	3M™ PELTOR™ WS™ ALERT™ X Headset, Headband, SLC₈₀ 30dB (Class 5)
UU011469598	MRX21P3E4WS6	3M™ PELTOR™ WS™ ALERT™ X Headset, Helmet Attach, SLC₈₀ 29dB (Class 5)

Accessories - Microphone

3M Order Code	Model #	Description
UU011614862	MT53N- 14/1	3M™ PELTOR™ Electret boom microphone, 240mm with plug incl windshield M995/2
XH001679154	M995/2	3M™ PELTOR™ M995 Wind shield for speech microphone
UU008013581	MT53V/1	3M™ PELTOR™ Electret Boom Microphone for Versalfo M-300 Helmet
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range
XA007702625	Z3AF/2	Helmet Adapter for 3M™ Versaflo M-Series Head Top

Accessories - Hygiene

3M Order Code	Model #	Description
UU008567388	HY82	3M™ PELTOR™ HY82 Hygiene kit (cushion and foamliner)
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

3M™ PELTOR™ WS™ Litecom Pro III Ex Headset ANZEx Certified

The 3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset ANZEx Certified is the next generation protective communication solution. With an integrated, programmable analog/digital two-way radio, Bluetooth® Multipoint connectivity, noise-cancelling microphone, and level dependent function for ambient listening, the 3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset ANZEx Certified not only helps protect you against hazardous noise, but also makes it easy to communicate in noisy environments and helps you maintain situational awareness.

Application: The 3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset, ANZEx-certified, offers wireless communication in noisy environments. Can be used for work in Oil & Gas Industry, Mining and where intrinsic safety products are required. Approved for use in potentially explosive environments in accordance with the ANZEx scheme and the IECEx scheme for dust, gas and underground mining

Accessories

HY83

MT73/1

MT171/2   M60/2

MT7V/1   ACK082

AL2AH

FR08   FL6BR

FP9007   HYM1000

HY100A

393-3001-2

Features and Benefits:

- Programmable analog/digital DMR two-way radio communication
- **Frequency range: 403 – 470 MHz**
- Bluetooth® multipoint functionality
- IS (Intrinsically Safe) approval ANZEx/IECEx/ATEX
- Watertight microphone (IP68)
- Level-dependent function for ambient listening
- Voice menu with multiple language selection
- Push-to-Listen function
- Rechargeable battery, Li-Ion
- Voice operated transmission (VOX)
- Busy channel indication
- External connection jack
- Auto power off function
- Battery status indication

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

MT73H7F4D10EU-50

MT73H7P3E4D10EU-50

MT73H7B4D10EU-50

CLICK HERE

for Technical Data Sheet

Headsets

3M Order Code	Model #	Description
UU008014225	MT73H7F4D10EU-50	3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset, 403-470 MHz, Analog/Digital, Ex, EU version, Headband
UU008014233	MT73H7P3E4D10EU-50	3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset, 403-470 MHz, Analog/Digital, Ex, EU version, Helmet
UU008014217	MT73H7B4D10EU-50	3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset, 403-470 MHz, Analog/Digital, Ex, EU version, Neckband

Accessories - FLEX Cable

3M Order Code	Model #	Description
XH001652029	FL6BR	3M™ PELTOR™ FL6BR Connecting cable, J11

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range
XA007702625	Z3AF/2	Helmet Adapter for 3M™ Versaflo M-Series Head Top

Accessories - Microphone

3M Order Code	Model #	Description
UU008163634	MT73/1	3M™ PELTOR™ Water Resistant Boom Microphone (IP 68)
UU008014308	MT7V/1	3M™ PELTOR™ Boom Microphone for 3M™ Versalfo™ M-300 Head Top * Z3AF/2 Backplates Included
UU008159483	M171/2	3M™ PELTOR™ M171/2 Wind shield/Wind protector, 2 pcs for speech microphone
XH001652532	M60/2	3M™ PELTOR™ Wind shield for surround/environmental mics
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone protection

Accessories - Hygiene

3M Order Code	Model #	Description
UU008197921	HY83	3M™ PELTOR™ HY83 Hygiene Kit (cushion and foam liner)
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

Accessories - Power

3M Order Code	Model #	Description
UU008176040	ACK082	3M™ PELTOR™ Rechargeable Li-Ion batterypack (only for WS™ LiteCom Pro III Ex Headset)
11003072094	AL2AH	3M™ PELTOR™ AL2AH Charging cable for ACK082
XH001680194	FR08	3M™ PELTOR™ FR08 Power supply for AL2AI

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B

3M™ PELTOR™ TWIN CUP™ Headset IECEx/ATEX

The PELTOR™ TWIN CUP™ Headset IECEx/ATEX has high-attenuating shells with optimised acoustic design and excellent space for the ears. Noise compensated microphones for clear and reliable communication.

Features and Benefits:

- IECEx/ATEX/UKEX/CSA approved for use in areas where intrinsic safety is required
- Dynamic noise cancelling microphone
- Twin-Cup technique for increased attenuation
- No ANZEx Certification - Product can not be used where ANZEx Certification is required.
- **In the box** - 1 x Headset, 1 x User Instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Accessories

HY13

MT171/2

HYM1000

HY100A

FP9007

393-3001-2

MT7H72H540A

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
UU011743018	MT72H540A-50	3M™ PELTOR™ TWIN CUP™ Headset, Headband, SLC$_{80}$ 31dB (Class 5) **(Available Q4 2023)**
XH001674254	MT72H540P3E-50	3M™ PELTOR™ TWIN CUP™ Headset, Helmet Attach SLC$_{80}$ 30dB (Class 5)

Accessories - Hygiene

3M Order Code	Model #	Description
XH001659297	HY13	Replacement Hygiene Kit for TWIN CUP™ Headset
UU008159483	M171/2	3M™ PELTOR™ Wind shield for MT73/1, MT33/1 Microphone, 2pcs
AT010580697	HYM1000	3M™ PELTOR™ HYM1000 Microphone Protection
XH001651351	HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad
XH001655360	FP9007	Headset Bag – Black

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

3M Order Code	Model #	Description
70071691110	393-3001-2	3M™ PELTOR™ Earmuff Probed Test Cushion B, 1 Pair/Case UOM Case

3M™ PELTOR™ CH-3 FLX2 Listen only Ex Hearing Protector

The 3M™ PELTOR™ CH-3 FLX2 Listen only Ex Hearing Protector will bring hearing protection and communication in noisy environments into a new level of performance with newly designed speakers. The newly designed dual mould cup gives a modern and slim look, along with a bright blue colour to indicate Ex/IS certified design.

Features and Benefits:

- IECEx/ATEX/UKEX/ Ex/IS/CSA approved for use in areas where intrinsic safety is required
- Bright blue colour indicates Ex/IS certified design
- Slim cup design
- Detachable down lead connector for high flexibility
- Improved speaker efficiency to fit todays digital device
- Newly designed headband
- **In the box** - 1 x Headset, 1 x User Instruction

Note: 3M recommends replacing the hygiene kit every six months to maintain acceptable noise reduction, hygiene and comfort. In hot and humid environments more frequent changes may be required to maintain acceptable hygiene.

Accessories

HY84

HY100A

FP9007

HT52A-112-50

HT52P3E-112-50

Scan or Click for Technical Data Sheet

3M Order Code	Model #	Description
UU010250916	HT52A-112-50	3M™ PELTOR™ CH-3 Listen Only Headset, Headband, Ex approved, Blue. SLC_{80} 31dB (Class 5)
UU010250924	HT52P3E-112-50	3M™ PELTOR™ CH-3 Listen Only Headset, Helmet Attach, Ex approved, Blue. SLC_{80} 29dB (Class 5)

Accessories - FLX2 Cables

3M Order Code	Model #	Description
UU009731157	FLX2-203-50	3M™ PELTOR™ FLX2 Cable 2.5mm Mono, Ex Approved
UU009731165	FLX2-205-50	3M™ PELTOR™ FLX2 Cable 3.5mm Mono, Ex approved

Accessories - Hygiene

3M Order Code	Model #	Description
UU010391918	HY84	3M™ PELTOR™ Hygiene kit
XH001651351	HY100A	3M™ PELTOR™ Clean Hygiene Pad, 100 pair
XH001655360	FP9007	Headset Bag – Black

Accessories - Helmet Adaptors/Backplates

3M Order Code	Model #	Description
UU010853503	Z3GS/2 (25mm)	Helmet Adapter for 3M™ Scott Safety Helmets and 3M™ Scott Safety Visor Range
XL001642468	Z3E/2 (30mm)	Helmet Adapter for Common Helmets
XL001642484	Z3G/2 (25mm)	Helmet Adapter for 3M™ Visor Range

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

3M™ E-A-Rfit™ Dual-Ear Validation System utilizes F-MIRE technology to measure and obtain an objective, quantitative level of worker 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 Worker's on the importance of fit and compliance.

CLICK HERE

to view E-A-Rfit™ Validation System brochure.

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 Worker
- Can help identify whether or not the Worker has adequate protection

CLICK HERE

to view the 3M™ EARFit™ Dual- Ear Validation System Short Introduction Video
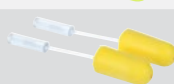
3M™ E-A-Rfit™ Dual-Ear Validation System & Accessories

CLICK HERE for the 3M™ EARFit™ Global Cross Over Guide
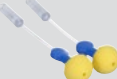
Product	3M Order Code	Model #	Description	Case Qty
	70071674116	393-1100	3M™ E-A-Rfit™ Dual-Ear Validation System	1EA
	70071674694	073-781	3M™ E-A-Rfit™ Dual-Ear, Microphone Assembly	1EA
	70071676160	073-100	3M™ E-A-Rfit™ Black Microphone Clips	x10 Clips per pack

Testing Probes

Disposables

Product	3M Order Code	Model #	Description	Case Qty
	70071562816	393-2007-50	3M™ Classic™ Platinum (Small) Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071562774	393-2003-50	3M™ E-A-R™ Classic™ Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071577772	393-2010-50	3M™ 1100 Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071562741	393-2000-50	3M™ E-A-Rsoft™ Yellow Neons™ Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071650249	393-2014-50	3M™ E-A-Rsoft™ Yellow Neons™ Large Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071562808	393-2006-50	3M™ E-A-R™ TaperFit™ 2 Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071733557	393-2027-50	3M™ E-A-R™ TaperFit™ 2 Large Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071562782	393-2004-50	3M™ E-A-Rsoft™ FX™ Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
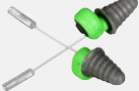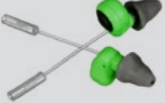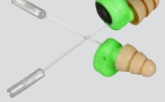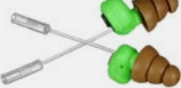
Push-To-Fit

Product	3M Order Code	Model #	Description	Case Qty
	70071562766	393-2002-50	3M™ E-A-R™ Push-Ins™ Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071562725	393-2008-50	3M™ E-A-R™ Express™ Pod Plugs™ Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071647757	393-2012-50	3M™ Skull Screws™ Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071650231	393-2013-50	No Touch Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071650298	393-2015-50	3M™ E-A-R™ Push-Ins With Grip Rings Probed Test Plug	50 PR/Case (5 bags of 10 pair each)

Reusable

Product	3M Order Code	Model #	Description	Case Qty
	70071562758	393-2001-50	3M™ E-A-R™ UltraFit™ Probed Test Plugs	50 PR/Case (5 bags of 10 pair each)
	70071654423	1200	1200 Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071647740	393-2011-50	Tri-Flangle Probed Test Plug	50 PR/Case (5 bags of 10 pair each)

In Ear Earplug Probe Range

Product	3M Order Code	Model #	Description	Case Qty
	70071734431	393-2030-50	3M™ Skull Screws Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071734449	393-2031-50	3M™ CCC-GRM Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071734456	393-2032-50	3M™ UltraFit™ Small Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071734464	393-2033-50	3M™ UltraFit™ Medium Probed Test Plug	50 PR/Case (5 bags of 10 pair each)
	70071734472	393-2034-50	3M™ UltraFit™ Large Probed Test Plug	50 PR/Case (5 bags of 10 pair each)

Probed Muffs

Product	3M Order Code	Model #	Description	Case Qty
	70071676285	393-3004-2	**3M™ PELTOR™ Earmuff Probed Test Cushion A** **EARMUFFS** ● 3M™ PELTOR™ Optime III™ (All Versions)	2EA/Case (2 pair each per case)

	70071691110	393-3001-2	**3M™ PELTOR™ Earmuff Probed Test Cushion B**
			EARMUFFS
			● 3M™ PELTOR™ Optime I™ (All Versions)
			● 3M™ PELTOR™ Optime II™ (All Versions)
			HEADSETS
			● 3M™ PELTOR™ Wortunes Pro™ AM/FM
			● 3M™ PELTOR™ ProTac III™ (All Versions)
			● 3M™ PELTOR™ CH-3 FLX2™ (All Versions)**
			● 3M™ PELTOR™ WS ALERT XPI™ (All Versions)
			● 3M™ PELTOR™ WS Protac XPI™ (All Versions)
			● 3M™ PELTOR™ LiteCom Plus™
			● 3M™ PELTOR™ WS LiteCom Plus™
			  ● All Versions
			  ● M-300 Versaflo Head Top Attach
			● 3M™ PELTOR™ WS LiteCom Pro III™
			  ● All Versions
			  ● M-300 Versaflo Head Top Attach
			● 3M™ PELTOR™ TWIN CUP™ (Helmet Attach)
			● 3M™ PELTOR™ ComTac XPI™ (Folding Headband)
			● 3M™ PELTOR™ ComTac VI™ (Folding Headband and Neckband)
			● 3M™ PELTOR™ ComTac VII™ (Headband)
				2EA/Case
				(2 pair each per case)

	70071691136	393-3005-2	**3M™ PELTOR™ Earmuff Probed Test Cushion D** **EARMUFFS** ● 3M™ PELTOR™ X4 Series™ (All Versions)* ● 3M™ PELTOR™ X5 Series™ (All Versions)* **HEADSET** ● 3M™ PELTOR™ CH-5™ (All Versions)	2EA/Case (2 pair each per case)

NOTES:

1) E-A-Rfit™ can only be used to fit test the specific 3M hearing protectors listed in the Crossover Product column using the corresponding test probe. E-A-Rfit™ test results are not valid for any other 3M or non-3M hearing protectors.

2) If the earmuffs are worn in conjunction with a liftable visor, the visor should be in the up position when fit testing.

* The probed test cushions for X4B and X5B neckband earmuffs do not include the looped back plate, which is needed to attach the head strap for valid fit test results. The looped plate should be temporarily removed from the test subject's regular cushions and attached to the probed cushions as shown for fit testing with the headstrap.

** Remove gray back plate from the probed test cushion when fit testing all CH-3 headsets.

Head Protection

Making sure you are covered under any circumstances.

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.

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.

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.

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 - Field tests have shown that generally, helmet shells have a life of at least 3 years from the time of issue. Components of harnesses may deteriorate more rapidly in service and harnesses should, therefore, be replaced at intervals not longer than 2 years.

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, gouging, 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.
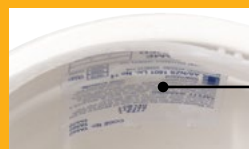
Helmet label allows date of issue and user name to be recorded.

Year and month of manufacture stamp

Helmet material stamp

Head Protection

Caring for safety helmets.

All Industrial Safety helmets 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 it was designed for - 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 e.g. 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, heat, solvent based paints, markers or cleaning products, the use of adhesives needs to avoided and advice sought prior to using self adhesive labels and tapes. 3M offers reflective tape and custom printing of helmets at the 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.
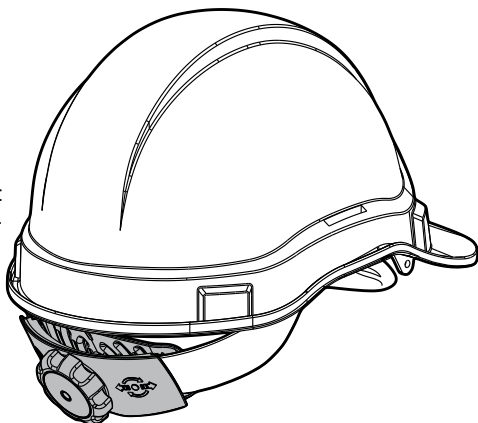
Features.

- Fully compatible with the 3M current range of headgear and harnesses.
- No screw is needed during the assembly process, the knob tightness will be consistent.
- 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.

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.
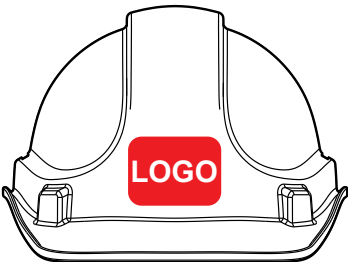
Corporate branding and reflective tape options available across the range help to create and maintain company image and visibility on site. 3M safety helmets have been designed to allow customisation with company logos, images and allows for the helmets to be branded with a logo on orders as low as 20 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.
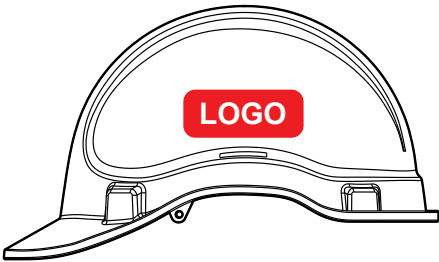
LOGO PRINTING & BRANDING
SHOWN TA500 SERIES - CAP PRINTING IS SIMILAR ACROSS ALL HELMETS
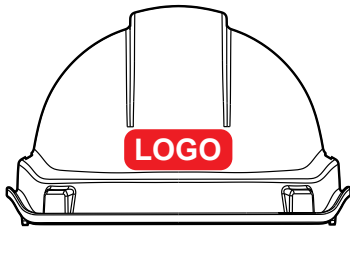
FRONT   SIDE   REAR

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
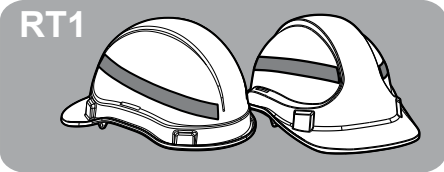
Reflective tapes.

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
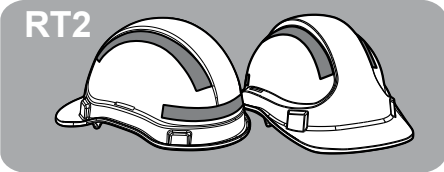
REFLECTIVE TAPES
SHOWN TA500 SERIES - TAPE FITTING IS SIMILAR ACROSS ALL HELMETS
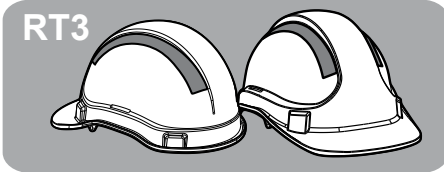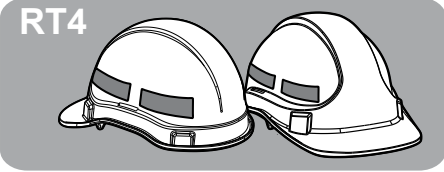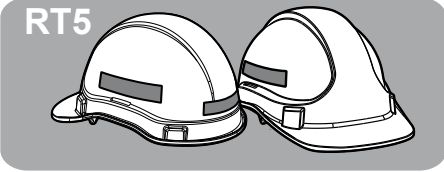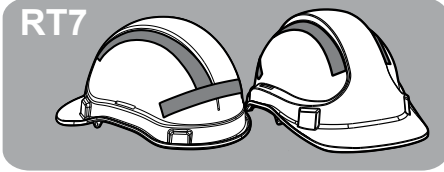
RT1   RT2   RT3
RT4   RT5   RT7

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
AT010705823	TA570:OR	Vented Orange
AT010705831	TA570:RD	Vented Red
AT010705864	TA570:WH	Vented White
AT010705872	TA570:YE	Vented Yellow
AT010705898	TA570M:BL	With Metal Bracket- Blue
AT010672577	TA570M:OR	With Metal Bracket- Orange
AT010705906	TA570M:WH	With Metal Bracket- White
AT010705914	TA570M:YE	With Metal Bracket- Yellow
AT010706185	TA570M:GN	With Metal Bracket- Green
AT010781303	TA570L:RD	With Lamp Bracket- Red
AT010705880	TA570L:WH	With Lamp Bracket- White
AT010674698	TA570L:YE	With Lamp Bracket- Yellow

3M Order Code	Model #	Description
AT010706169	TA570RH:OR	With Ratchet Headgear-Orange
AT010692880	TA570RH:RD	With Ratchet Headgear-Red
AT010706201	TA570RH:WH	With Ratchet Headgear-White
AT010706276	TA570RH:YE	With Ratchet Headgear- Yellow
AT010672635	TA570RH:BL	With Ratchet Headgear- Blue
AT010706136	TA570RH:FLYE	With Ratchet Headgear- Fluro Yellow
AT010668021	TA570RH:FLOR	With Ratchet Headgear- Fluro Orange
AT010706284	TA570RH:GN	With Ratchet Headgear- Green
AT010706151	TA570LRH:WH	With Lamp Bracket, Ratchet Headgear- White
AT010706342	TA570RHRT2:WH	With Ratchet Headgear, Reflective Tape 2- White
AT019447633	TA570RHRT2:BL	With Ratchet Headgear, Reflective Tape 2- Blue
AT010677170	TA570RHRT2:YE	With Ratchet Headgear, Reflective Tape 2- Yellow

Head Protection

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

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
AT010704586	TA550:WH	White
AT010704594	TA550:YE	Yellow

3M™ TA580 Safety Helmet Polycarbonate Type 2 (Heat)

- Australian made
- Type 2 polycarbonate shell for higher temperature work applications
- Comfortable 6 point terylene head harness
- Terry towel sweatband absorber (replaceable)
- 25mm moulded slots accept all safety helmet accessories (cap attach earmuffs and visors).
- PPE combinations have been tested as an "approved" combination under AS/NZS 1801:1997, AS/NZS 1337:1992, AS/NZS 1270:2002.

3M Order Code	Model #	Description
AT010706300	TA580:WH	Unvented White
AT010706318	TA580:YE	Unvented Yellow
AT010669326	TA580:RD	Unvented Red
AT010781295	TA580:OR	Unvented Orange
AT010706599	TA580:GN	Unvented Green
AT019447740	TA580:BL	Unvented Blue
AT010706573	TA580:FLOR	Unvented Fluro Orange
AT010706581	TA580:FLYE	Unvented Fluro Yellow
AT010706631	TA580M:YE	Unvented Metal Lamp Bracket Yellow
AT019446957	TA580L:OR	Unvented Polycarbonate Lamp Bracket Orange
AT010715343	TA580RH:YE	Unvented Ratchet Harness Yellow

3M™ TA590 Safety Helmet Polycarbonate Type 2 (Heat)

- Australian made
- Type 2 Polycarbonate shell suitable for higher temperature applications
- Top venting ensures cooler and more comfortable protection
- Comfortable 6 point terylene head harness
- Terry towel sweatband absorber (replaceable)
- 25mm moulded slots accept all safety helmet accessories (cap attach earmuffs and visors).
- PPE combinations have been tested as an "approved" combination under AS/NZS 1801:1997, AS/NZS 1337:1992, AS/NZS 1270:2002.

3M Order Code	Model #	Description
AT010706607	TA590:WH	Vented White
AT010706706	TA590:YE	Vented Yellow
AT010706698	TA590:RD	Vented Red
AT010686551	TA590:BL	Vented Blue
AT010669771	TA590:FLYE	Vented Fluro Yellow
AT019446999	TA590:FLOR	Vented Fluro Orange
AT019495186	TA590:OR	Vented Orange
AT019494882	TA590:GN	Vented Green

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

3M Order Code	Model #	Description
AT010704909	TA560:BL	Blue
AT010705070	TA560:FLOR	Fluro Orange
AT010705096	TA560:FLYE	Fluro Yellow
AT010705104	TA560:GN	Green
AT010705138	TA560:OR	Orange
AT010705153	TA560:RD	Red
AT010705187	TA560:WH	White
AT010705195	TA560:YE	Yellow
AT010705690	TA560RH:OR	Ratchet Headgear Orange
AT010677360	TA560RH:RD	Ratchet Headgear Red
AT010687005	TA560RH:BL	Ratchet Headgear Blue
AT019447393	TA560RH:FLYE	Ratchet Headgear Fluro Yellow
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
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
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
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
AT019447625	TA560RT2:GN	Style 2 Reflective Tape Green
AT010667288	TA560RT2:BL	Style 2 Reflective Tape Blue
AT010688334	TA560MRH:WH	Metal Lamp Bracket, Ratchet Headgear- White
AT019495004	TA560MRH:YE	Metal Lamp Bracket, Ratchet Headgear- Yellow

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

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
AT010703505	HH40L:WH	With Polycarb lamp bracket - White
AT010676990	HH40L:YE	With Polycarb lamp bracket - Yellow
AT010677626	HH40L:BL	With Polycarb lamp bracket Blue
AT010680554	HH40L:RD	With Polycarb lamp bracket Red
AT010703554	HH40M:OR	With metal lamp bracket - Orange
AT010703562	HH40M:WH	With metal lamp bracket - White
AT010694696	HH40M:BL	With Metal lamp bracket Blue
AT010664491	HH40M:GN	With Metal lamp bracket Green
AT019446759	HH40MRT3:BL	With Metal Lamp bracket, Reflective Tape 3- Blue
AT010703588	HH40RT2:WH	With Reflective Tape 2- White
AT019447617	HH40RT2:GN	With Reflective Tape 2- Green
AT019447799	HH40RT2:BL	With Reflective Tape 2- Blue

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
- 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

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:OR	Bushfire helmet Orange 0238 7063 H

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

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
AT019447104	HH44:BL	3M™ Polycarbonate 1 (Type 2) - White
AT010703620	HH44SLV	3M™ Tuffmaster 1 ABS (Type 1) – Silver
AT019446973	HH44L:OR	With Polycarb lamp bracket Orange
AT019495137	HH44:YE	3M™ Polycarbonate 1 (Type 2) – Yellow

Accessories for HF44 and HF46

XVPS46

HXNFPC4

3M Order Code	Model #	Description
AT010703844	HXVPS46	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
AT010703646	HXCS40	Chinstrap
AT010703778	HXNFPC	Neckflap
AT010703695	HXHG40RH	Harness
AT010703687	HXHG40	Pinlock Headgear HH40/HH44
AT010703653	HXCS4P	Chinstrap Adjustable 4 Point
AT010703828	HXVK	Fitting Kit HF44 Bushfire Hat

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

HC23HYRPCLA HC23NBRPCLA HC23BLKRPCLA

HC23HORPCLA HC23BGELTRP HC23NBMPCLA HC23HO/RP

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
UU010302980	HC23HO/RP	Base Bump Cap 3 Winter High Visibility Orange

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

Red   Orange   Navy Blue   White   Green   Yellow   Black

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™ 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™ Safety Helmet Accessories

TA598

TA597

HXSC71

Google Clip

3M Order Code	Model #	Description
AT019447807	TA179BK	Balaclava For Use Under Helmet – Black

3M™ Sweatbands

TA095

TA094

3M Order Code	Model #	Description
AT010700691	TA094	Sweatband Terry Towelling (7)
AT010701343	TA095	Sweatband Lambswool For Helmets

3M Order Code	Model #	Description
AT010703992	TA175	Chinstrap For TA500 TA400 Series Helmets
AT010703653	HXCS4P	Chinstrap Adjustable 4 Point
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 Series
AT010706730	TA598	Ratchet Headgear For TA500 Series Helmet
AT010700196	HXSC71	Insert Slot Cover For TA500 Helmets
UU011141205	Google Clip	Goggle Clip All Caps

MADE IN AUSTRALIA

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 Scien 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. 3M™ recommends the use of safety eyewear when wearing a visor system.

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

Browguards & Visors Complete

- Low to high impact protection in accordance with AS/NZS1337.1
- 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   VC106   VC107

3M Order Code	Model #	Description
AT010707357	VC105	Browguard and Visor Complete Kit
AT010707340	VC106	Faceshield Complete VV997 AND VV925
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)

3M™ Visor Holders for Safety Helmets

VV766
VH500
2010892
VH500P
VV765

3M Order Code	Model #	Description
AT010707381	VH500	Nylon Visor Holder for TA500 Helmet Visor
AT010707399	VH500P	Nylon Peaked Visor Holder for TA500
AT010659731	VV765	Aluminium Visor Holder for TA500 Helmets
AT010659749	VV766	Aluminium Visor Holder For TA400 HH40 Helmets
AT010700006	2010892	Cap attachment arms for TA500 series safety helmets

*VV765 and VV766 is not made in Australia.

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   WA182   TA094*

3M Order Code	Model #	Description
AT010707969	VV997	Browguard Only With Ratchet Headgear
AT010700691	TA094	Sweatband Terry Towelling

*TA094 is not made in Australia.

3M™ Clear Unbound Economy 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
- 3M Polycarbonate Visors fit the 3M browguard (VV997) or the VH500 (non-peaked), VH500P (peaked) or VV765 and VV766 visor holders
- It is recommended that with all faceshields secondary eye protection should be worn

3M Order Code	Model #	Description
AT010707639	VV730	1mm Polycarb Clr 200mm x 385mm Visor

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 / VV924

3M Order Code	Model #	Description
AT010707670	VV848	Replacement Clear Polycarb Visor VC105
AT010707696	VV854	1mm Polycarbonate Clear 200mm H x 400mm W Visor (V) - Flared
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
- Thermotuff+ visors fit the 3M browguard (VV997), VH500 (non peaked), VH500P (peaked), aluminium visor holders VV765 (peaked safety helmet) and VV766 (wide brim safety helmet).
- It is recommended that with all faceshields secondary eye protection should be worn
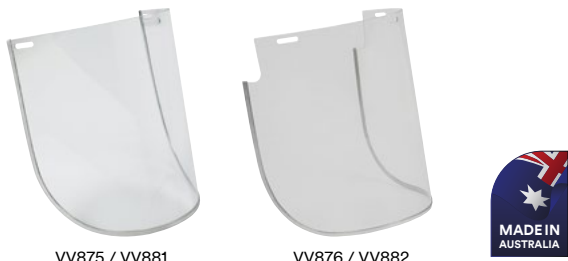
VV875 / VV881   VV876 / VV882

3M Order Code	Model #	Description
AT010707704	VV875	1mm Thermotuff 200mm x 300mm Visor
AT010707712	VV876	1mm Thermotuff 200mm x 400mm Visor Flared
AT010707720	VV881	1mm Thermotuff 250mm x 300mm Visor
AT010707746	VV882	1mm Thermotuff 250mm x 400mm Visor Flared
AT010707613	VV740	Visor Thermotuff Plus Cl C ATT 385 X 200

3M™ Chinguard Visors

- High impact resistant
- Provide additional chin and upper chest protection
- Available in different materials to suit various applications

VV501 / VV511 / VV516 / VV517   VV801   VV515

VV502   VV518   VV518:5

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 Chinguard
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 Chinguard
AT010707597	VV521	1.5mm Polycarb Clear 225mm x 400mm Chinguard
AT010707647	VV801	1mm Thermotuff Shade 2 230mm x 400mm Chinguard
AT010707555	VV530	Visor 7in Chinguard Thermotuff Plus Cl

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
- Polycarbonate visors have a safe operating temperature of 105°C (material will start to distort and warp when it reaches its maximum temp).
- Thermotuff+ visors have a safe operating temperature of 120°C (material will start to distort and warp when it reaches its maximum temp).
- 3M Thermotuff+ visors fit the 3M browguard (VV997), VH500 (non peaked), VH500P (peaked), aluminium visor holders VV765 (peaked safety helmet) and VV766 (wide brim safety helmet).
- It is recommended that with all faceshields secondary eye protection should be worn

VV902 / VV926 / VV927:5 / VV904   VV901

3M Order Code	Model #	Description
AT010707753	VV901	1mm Thermotuff Shd 5 200mm x 300mm Visor
AT010707761	VV902	1mm Thermotuff Shd 5 200mm x 400mm Visor Flared
AT010707795	VV904	1mm Thermotuff Shd 5 250mm x 400mm Visor Flared
AT010707837	VV926	1mm Polycarb Shd 5 250mm x 400mm Visor Flared
AT010707845	VV927:5	1mm Polycarb Sh5 200mm x 400mm Visor Flared

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™ 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.

- Compatible only with 5F-11C & 5B mesh visor
- Requires either a P3E 30mm or a P3G 24mm earmuff slotted adapter to attach to a hard hat

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

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

Chainsaw Kit

The Chainsaw Kit helmet, earmuff and visor combination consists of an Australian made TA570 Type 1 vented safety helmet, X4 Peltor cap attached earmuffs and V4B Peltor Mesh Visor and peaked visor holder.

Suitable for applications where head, hearing and low impact face protection is required. This kit is suitable for forestry and timber processing applications.

3M Order Code	Model #	Description
AT019447112	TA570WHKIT7	TA570 Chainsaw Combination Kit

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. Meets the impact requirements of AS/NZS 1337.2 Medium Impact.

3M Order Code	Model #	Description
XH001650239	V4B	Peltor Black Polyamide Visor System

3M™ Peltor Clear Visor Large 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. Meets the impact requirements of 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. Meets the impact requirements of 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. Meets the impact requirements of AS/NZS 1337.1 High Impact.

3M Order Code	Model #	Description
XH001651575	V2C	Peltor 140AR Polycarb Visor - Hard Hat

3M™ Peltor Mesh Visor V4G

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). Meets the impact requirements of AS/NZS 1337.2 Low Impact

3M Order Code	Model #	Description
UU001607181	V4G	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. Meets the impact requirements of AS/NZS 1337.2. Low Impact.

3M Order Code	Model #	Description
XA007703870	5B	Mesh Face Shield Plastic

3M™ Mesh Visor

Mesh visors provide low impact protection and are excellent in working environments where humidity causes fogging. Additional safety eye protection must be worn beneath the visor. Metal mesh visors are suitable for protection against heat. The metal mesh visor absorbs the heat, allowing the user to work in comfort. Mesh is generally used for protection against large dust particles and abrasion making it suitable for vegetation cutting and trimming.

Applications

The VV602M and VM820 visor is suitable for both brush cutting and trimming, where the main hazard is large pieces of solid material and constant abrasion. Selection of the right mesh is dependent on the amount of particulate protection in relation to the visibility required in the application. Mesh visors are recommended for low impact protection only. Additional eye protection must be worn beneath the visors.

VM820

VV602M

3M Order Code	Model #	Description
AT010659723	VV602M	Brass Mesh Visor 200mm X 300mm (suitable for use with FXVH400 and VH500 Holders)
AT010707407	VM820	Aluminium Mesh Visor 150mm X 385mm (suitable for use with FXVH400 and VH500 Holders)

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.
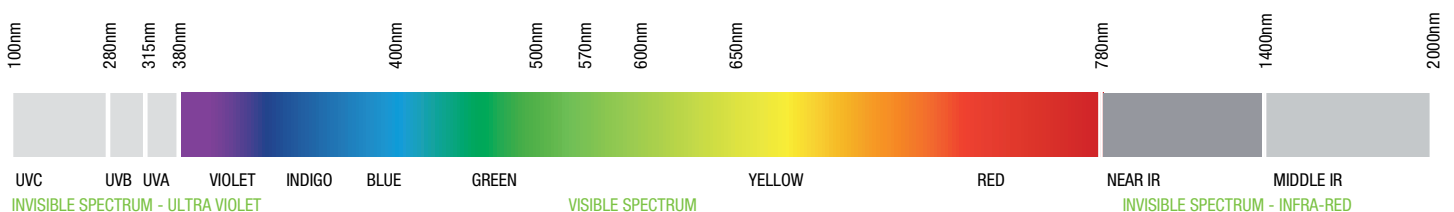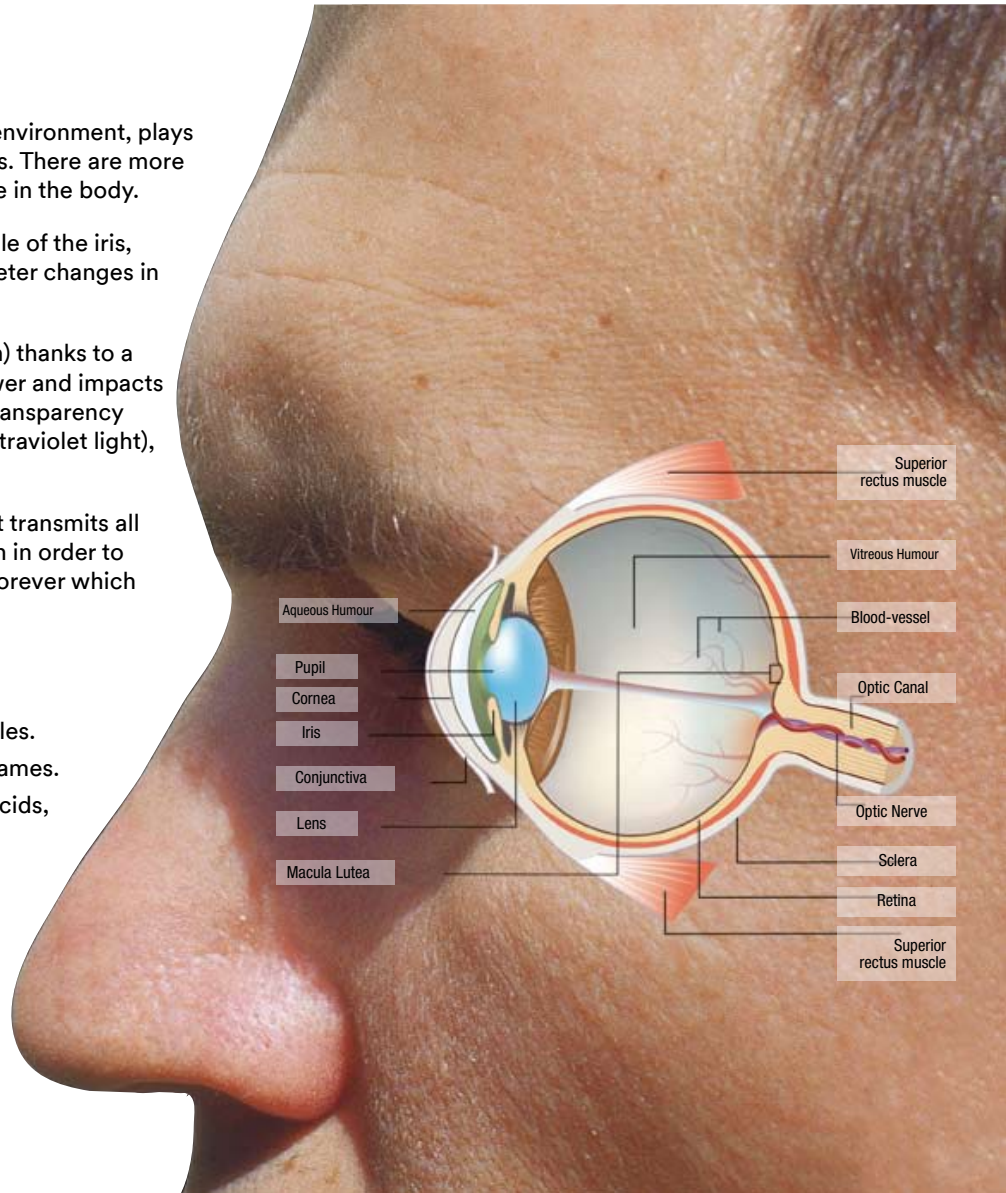
Potential Effects from Exposure to Light and other Radiation.

	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 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.
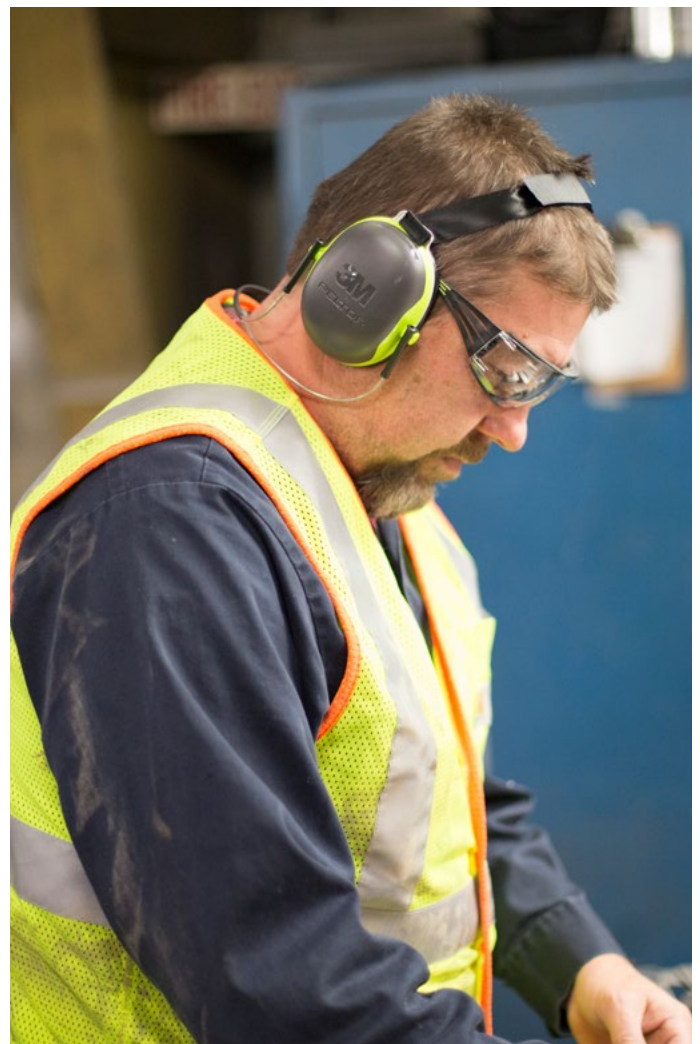
Protective eyewear.

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	Blue Locker
SAFETY EYEWEAR												
3M™ SecureFit™ 100 Series	✓	✓	✓				✓					
3M™ SecureFit™ 200 Series	✓	✓	✓									
3M™ SecureFit™ 400 Series	✓	✓	✓									
3M™ SecureFit™ 500 Series	✓	✓	✓		✓		✓					
3M™ Solus™ 1000 Series	✓	✓	✓									
3M™ Savanah Series	✓	✓		✓	✓							
3M™ Ecko Series	✓	✓		✓								
3M™ Buster Series	✓	✓		✓			✓		✓	✓	✓	
3M™ Bark Hut Series	✓	✓		✓					✓			
3M™ 2700 Series	✓	✓										
3M™ 2720 Series	✓	✓										
3M™ Virtua	✓	✓	✓				✓					

	Lens Coatings						Comfort				Adjustability		
I/O	Mirror	Anti-Scratch Lens	Anti-Fog Lens	Polarised	UV Protection	Scotchgard™ Coated	Anti-Static	Soft Nose	Soft Temple Tips	Pressure Diffusion Temple Technology	Dust Guard	Gasket	Replacement Strap
✓		✓	✓		✓					✓			
		✓	✓		✓					✓			
	✓	✓	✓		✓			✓		✓		✓	
✓		✓	✓		✓	✓				✓	✓		
		✓	✓		✓	✓		✓	✓			✓	✓
		✓	✓		✓				✓		✓		
	✓	✓			✓								
		✓			✓			✓	✓				
				✓	✓						✓		

3M™ SecureFit™ Protective Eyewear 100 Series

3M™ SecureFit™ 100 Series Protective Eyewear features a sleek, sporty lens shape and self-adjusting temples, providing a stylish yet comfortable fit for an extended period of time

Features and Benefits:

3M™ Pressure Diffusion Temple Technology
- Features slotted ribs that provide comfortable pressure equalisation.
- The temples flex and self-adjust to the size of the wearer's head

Molded Nose Bridge

Choose Your Coating
- Anti-Scratch
- Anti-Fog/Anti-Scratch

Slim Standout Style

Flat and Flexible Temple Design

Combines well with 3M™ Protective Earmuffs

Polycarbonate Lenses
- U6 rated polycarbonate lenses absorb 99.9% of UVA, UVB and UVC rays between 200 nm and 380 nm
- Workers can feel confident wearing 3M Eye Protection that meets the Impact-Rated Protector requirement of the AS/NZS 1337.1:2010 Standard

| SF101AF-BLK | SF101AS-BLK | SF102AF-BLK | SF103AF-BLK | SF107AF-BLK |

3M Order Code	Model #	Description
AT019494601	SF101AF-BLK	3M™ SecureFit™ Eyewear SF101AF-BLK, Clear Anti-Fog-Anti-Scratch
AT019494619	SF101AS-BLK	3M™ SecureFit™ Eyewear SF101AS-BLK, Clear Anti-Scratch
AT019494627	SF102AF-BLK	3M™ SecureFit™ Eyewear SF102AF-BLK Grey Anti-Fog-Anti-Scratch
AT019494635	SF103AF-BLK	3M™ SecureFit™ Eyewear SF103AF-BLK, Amber Anti-Fog-Anti-Scratch
AT019494643	SF107AF-BLK	3M™ SecureFit™ Eyewear SF107AF-BLK, Indoor Outdoor Grey Anti-Fog-Anti-Scratch

3M™ SecureFit™ Protective Eyewear 200 Series

The right fit changes everything. 3M™ SecureFit™ 200 Series Protective Eyewear features temples that automatically self-adjust to help provide a secure, comfortable fit every time.

Features and Benefits:

Polycarbonate Lenses
- U6 rated polycarbonate lenses absorb 99.9% of UVA and UVB.
- Meets the requirements of AS/NZS 1337.1:2010.

Contemporary and lightweight, weighs less than 30 grams
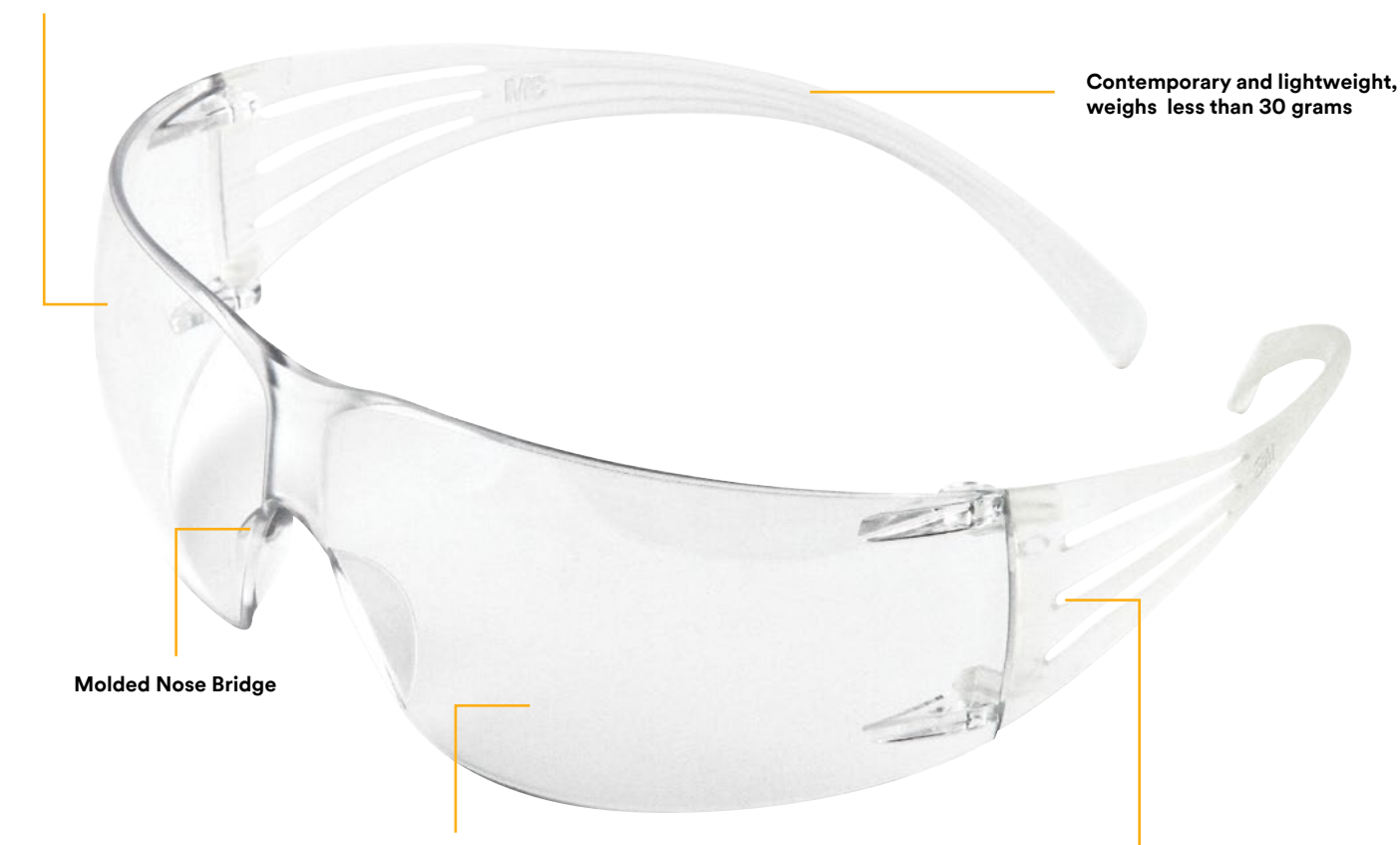
Molded Nose Bridge

Choose your coating
- Anti-Fog/Anti-Scratch lens coating

3M™ Pressure Diffusion Temple Technology
- Features slotted ribs that provide comfortable pressure equalisation.
- The temples flex and self-adjust to the size of the wearer's head

SF201AF-AS

SF202AF-AS

3M Order Code	Model #	Description
70071676269	SF201AF-AS	3M™ SecureFit™ 200 Clear Anti-Fog Lens
70071695509	SF202AF-AS	3M™ SecureFit™ 200 Grey Anti-Fog Lens

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™ 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 colour 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.

SF401AF-AS

SF402AF-AS

SF410AS-AS

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™ SecureFit™ Protective Eyewear 500 Series

3M™ SecureFit™ 500 Series features a contemporary lens design coupled with adjustable ratchet temples and 3M™ Pressure Diffusion Temple (PDT) technology to help provide a more personalised fit. This sporty eyewear also offers self-adjusting coloured temples, a variety of lens tints and models with Scotchgard™ Protector Anti-Fog Coating.

Features and Benefits:

Adjustable Ratchet Temples
- Multiple position ratchet allows user to adjust lens for facial features and eyeglass position.
- Adjustable ratcheting temples are designed to help improve the positioning of eyewear when worn with half-facepiece respirators

3M™ Pressure Diffusion Temple Technology
- 3M's innovative temple design features slotted ribs that provide comfortable pressure equalisation
- Temples flex and self-adjust to the size and shape of wearer's head

Curved Temples for Enhanced Security
- Eyewear design applies pressure on the less sensitive back of the head instead of temples
- Helps achieve a comfortable fit, even during rapid head movement

Slim Standout Style
- Contemporary lens shape

Molded Nose Bridge
- No removeable parts

Polycarbonate Lenses
- U6 rated polycarbonate lenses absorb 99.9% of UVA, UVB, and UVC rays between 200 nm and 380 nm
- Workers can feel confident wearing 3M eye protection have been tested and certified to AS/NZS 1337.1:2010 and have a medium impact rating.

Choose your coating
- Anti-Fog / Anti-Scratch
- 3M™ Scotchgard™ Anti-Fog Protector Coating

- Resists fogging longer than traditional anti-fog coatings through up to 25 washings with water*
- Helps provide scratch resistance in tough work environments
- Designed for working in challenging situations, such as hot and humid conditions, indoor/outdoor work, physically demanding tasks and climate-controlled areas

| SF501AF-BLK | SF501SGAF-BLK | SF501SGAF-BLK-FM | SF502SGAF-BLK | SF503SGAF-BLK | SF507SGAF-BLK | SF505SGAF-DGR | SF528SGAF-DGR |

3M Order Code	Model #	Description
AT019494437	SF501AF-BLK	3M™ SecureFit™ Eyewear SF501AF-BLK, Clear Anti-Fog/Anti-Scratch
AT019494445	SF501SGAF-BLK	3M™ SecureFit™ Eyewear SF501SGAF-BLK, Clear, Scotchgard™ Anti-Fog/Anti-Scratch
AT019494452	SF501SGAF-BLK-FM	3M™ SecureFit™ Eyewear SF501SGAF-BLK-FM, Clear, Scotchgard™ Anti-Fog/Anti-Scratch, Foam Gasket
AT019494478	SF502SGAF-BLK	3M™ SecureFit™ Eyewear SF502SGAF-BLK, Grey, Scotchgard™ Anti-Fog/Anti-Scratch
AT019494494	SF503SGAF-BLK	3M™ SecureFit™ Eyewear SF503SGAF-BLK, Amber, Scotchgard™ Anti-Fog/Anti-Scratch
AT019494528	SF507SGAF-BLK	3M™ SecureFit™ Eyewear SF507SGAF-BLK, Indoor/Outdoor, Scotchgard™ Anti Fog/Anti-Scratch
AT019494502	SF505SGAF-DGR	3M™ SecureFit™ Eyewear SF505SGAF-DGR Olive Green, Brown lens, Scotchgard™ Anti-Fog/Anti-Scratch
AT019494569	SF528SGAF-DGR	3M™ SecureFit™ Eyewear SF528SGAF-DGR Olive Green, Light Brown lens, Scotchgard™ Anti-Fog/Anti-Scratch

3M™ Solus™ Protective Eyewear 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.

Features and Benefits:

Removable foam-lined gasket helps limit eye exposure to nuisance dust while providing added comfort and cushioning.

Removable padded temples with optional elastic strap/ headband

Contemporary styling with soft nose bridge for added comfort

Polycarbonate Lenses
- U6 rated polycarbonate lenses absorb 99.9% of UVA and UVB.
- Meets the requirements of AS/NZS 1337.1:2010.

Scotchgard™ PROTECTOR 3M

- Resists fogging longer than traditional anti-fog coatings through up to 25 washings with water*
- Helps provide scratch resistance in tough work environments
- Designed for working in challenging situations, such as hot and humid conditions, indoor/outdoor work, physically demanding tasks and climate-controlled areas

S1201SGAF-AS

S1202SGAF-AS

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	FOAM GASKET	Replacement Foam Gasket
70071694569	SOLUS-STRAP	Replacement Strap

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
AT010658345	SNN007S	Smoke Hcaf Lens Spec
AT010658352	SNN007SDG	Smoke Hcaf Lens Spec Dust Guard

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™ 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
AT010659343	SXDG301	Dust Guard

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™ 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™ Cotton Bound Disposable Dust Goggle

Disposable Dust Goggles SZ828. Clear economical goggles with 100% UV protection. Acetate lens. Elasticated nylon strap. Soft cotton bound face seal. All round ventilation for greater comfort. Not suitable for impact protection. Ideal for dusty, windy environments

3M Order Code	Model #	Description
AT010659376	SZ828	Cotton Bound Disposable Dust Goggle

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™ 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™ 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.

3M™ Lens Cleaner EasyClean Anti-Fog Wipes

The 3M EasyClean lens cleaning towelettes are available with 300 individually wrapped towelettes in one easy dispensing box. 3M towelettes cleaning and purify personal safety equipment and protect your workers. The Towelettes leave an anti-static, anti-fog coating on the lenses after each clean. Towelettes remove dust and contamination from safety equipment ensuring equipment is left clean and germ free.

Features and Benefits:

- Designed to clean lenses of all types
- Individually wrapped / easy to apply
- Removes dust and contamination
- Anti-static / Anti-fog coating
- Box of 300

3M Order Code	Model #	Description
AT010653783	EC005	Lens Cleaner EasyClean AF Wipes 300pk

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.

#3MScienceOfSafety

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 non-hazardous liquids and dust.
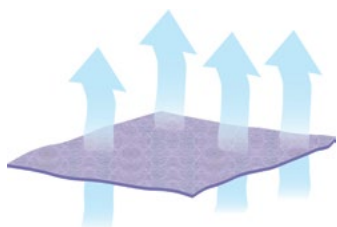
Spunbond-meltblown polypropylene (SMS).

'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.
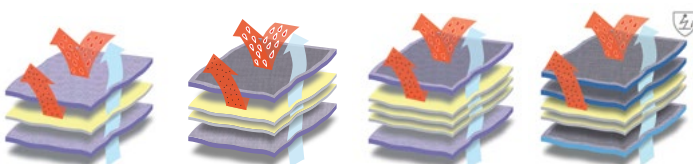
Microporous laminates.

'Microporous laminates' offer a higher level of liquid splash protection, while the micropores allow for some breathability.
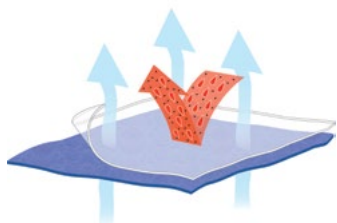
Non-microporous laminates.

'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.
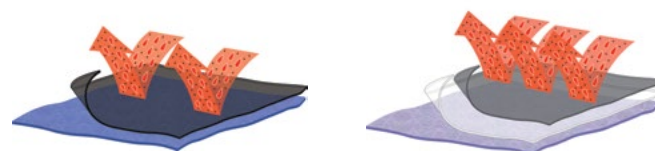
Design features.

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 to help provide additional protection

Available in a variety of sizes

• Backed by 3M global technical capabilities and support

3M™ Protective Coverall 4515

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 and orange, the range is certified as CE Type 5/6 for both hazardous dusts and limited 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 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.
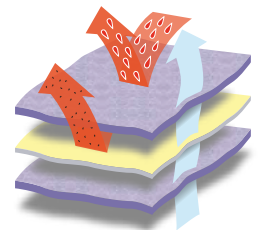
Seam Technology

Seams are serged for Type 5/6 protection.
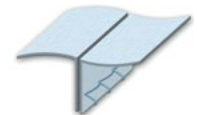
3M Code	Model #	Description
GT700000224	4515	Coverall White type 5/6/ M
GT700000232	4515	Coverall White type 5/6/ L
GT700000240	4515	Coverall White type 5/6/ XL
GT700000257	4515	Coverall White type 5/6/ XXL
GT700000265	4515	Coverall White type 5/6 3XL
GT700000430	4515	Coverall Orange type 5/6 M
GT700000448	4515	Coverall Orange type 5/6 L
GT700000455	4515	Coverall Orange type 5/6 XL
GT700000463	4515	Coverall Orange type 5/6 XXL
GT700000471	4515	Coverall Orange type 5/6 3XL
GT700000299	4515	Coverall Blue type 5/6 M
GT700000307	4515	Coverall Blue type 5/6 L
GT700000315	4515	Coverall Blue type 5/6 XL
GT700000323	4515	Coverall blue type 5/6 XXL
GT700000331	4515	Coverall blue type 5/6 3XL
GT700000349	4515	Coverall blue type 5/6 4XL

3M™ Overboot 450

- Elastic at the calf
- Universal size with ties to help provide a good fit
- Laminated overboot suitable for protection against non hazardous dust and splash
- Made of the same 55gsm laminated material as used on the 3M protective coverall 4510
- Laminated material ties to minimise particle shed and contamination in controlled environments such as cleanrooms
- Anti-static treated
- 3M overboot 450 has a PVC slip reduction sole

3M Code	Model #	Description
GT500065005	450	White Overboots - Non Slip Sole

Body Protection

3M™ Protective Coverall 4510

The 3M™ Protective Coverall 4510 is an economic solution which offers protection from hazardous dust and limited chemical splashes such as those from paint spraying. It is certified as CE Type 5/6 (dust and limited liquid splashes). 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 (55 gsm)
- 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
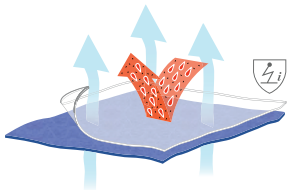- Ultra low-linting
- Anti-static treatment to EN 1149 to reduce charge build up (on inner surface)
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles
- Biological protection tested to EN 14126

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 Code	Model #	Description
GT700000851	4510	Coverall White type 5/6 M
GT700000869	4510	Coverall White type 5/6 L
GT700000877	4510	Coverall White type 5/6 XL
GT700000885	4510	Coverall White type 5/6 XXL
GT700000893	4510	Coverall White type 5/6 3XL
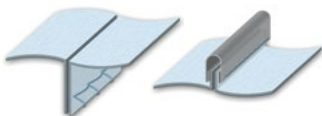
3M™ Protective Coverall 4532+

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. Specialist coatings enable this product to be used in many applications not usually suitable for SMS Based coveralls.

Features and Benefits:

- With treatment to help improve the repellency to certain oils and alcohols
- 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)

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 Code	Model #	Description
GT700058925	4532+	Coverall Blue type 5/6 M
GT700059014	4532+	Coverall Blue type 5/6 L
GT700059022	4532+	Coverall Blue type 5/6 XL
GT700058933	4532+	Coverall Blue type 5/6 XXL
GT700059055	4532+	Coverall Blue type 5/6 3XL

3M™ Protective Coverall 4535

The 3M™ Protective Coverall 4535 provides a superb balance of comfort and protection. 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, ultra 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 (on inner surface, white material only)
- 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 (43 gsm for the SMS panel) 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 Code	Model #	Description
XA100006791	4535	Coverall White/Blue type 5/6 Size M
XA100006809	4535	Coverall White/Blue type 5/6 Size L
XA100006817	4535	Coverall White/Blue type 5/6 Size XL
XA100006825	4535	Coverall White/Blue type 5/6 Size XXL
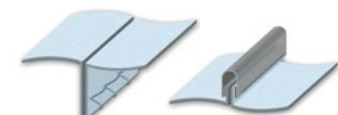
3M™ Protective Coverall 4540+

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, ultra 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 (on inner surface, white material only)
- Meets inward leakage requirements of EN1073-2 for protection against nuclear particles
- Low linting
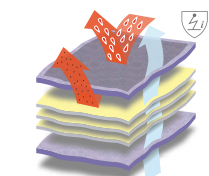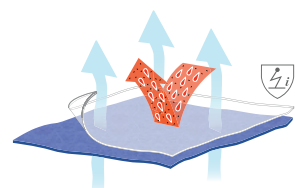
Fabric material

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 (55 gsm). Compared with many other laminates it has a particularly soft feel and drapes well over the body The blue back panel (43 gsm for the SMS 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 Code	Model #	Description
UU001501566	4540+	Coverall White & Blue type 5/6 M
UU001501574	4540+	Coverall White & Blue type 5/6 L
UU001501582	4540+	Coverall White & Blue type 5/6 XL
UU001501590	4540+	Coverall White & Blue type 5/6 XXL
UU001501608	4540+	Coverall White & Blue type 5/6 3XL

3M™ Protective Coverall 4565

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

Features and Benefits:

- Excellent barrier against dry particles, liquid certain chemical splash and spray (CE Type 4/5/6)
- Taped seams across the suit for better protection and increased durability
- Soft, well-draping laminated material
- Biological protection tested to EN 14126
- 2-way zipper with fully sealable storm flap for added on-off convenience and extra protection
- 3-panel hood design for enhanced compatibility with complimentary PPE
- Knitted cuffs and elasticated waist and ankles for increased comfort and freedom of movement
- Anti-static treatment to EN 1149 to reduce charge build up
- Ultra low-linting
- Supplied in space saving vacuum packaging
- Meets inward leakage requirements of EN 1073-2 for protection against nuclear particles

Fabric material

Lighter than previous 3M polyethylene laminate materials (55gsm), the 3M protective coverall 4565 combines a composite base of non woven fibres and a polyethylene film giving good barrier efficiency against many hazardous liquids. The laminate is also ultra-low linting and anti-static treated making it suitable for a wide variety of potentially hazardous applications.

Seam Technology

Seams are stitched and overtaped with a red protective tape to offer increased seam strength and an effective barrier to liquids and particulates.

3M Code	Model #	Description
XA100006940	4565	Coverall White & Red type 4/5/6 M
XA100006957	4565	Coverall White & Red type 4/5/6 L
XA100006965	4565	Coverall White & Red type 4/5/6 XL
XA100006973	4565	Coverall White & Red type 4/5/6 2XL
GT700001172	4565	Coverall White & Red type 4/5/6 3XL
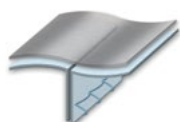
3M™ Protective Coverall 4570

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, sprays and splashes. 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 maximum classes for EN 14126
- 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 colour coded zips to create a double seal for added convenience and extra protection
- Large zip pull 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
- Ultra low-linting
- Anti-static treatment to EN 1149 to reduce charge build up (on inner surface)
- 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 Code	Model #	Description
GT700001206	4570	Coverall Grey type 3/4/5/6 M
GT700001214	4570	Coverall Grey type 3/4/5/6 L
GT700001222	4570	Coverall Grey type 3/4/5/6 XL
GT700001230	4570	Coverall Grey type 3/4/5/6 XXL
GT700001248	4570	Coverall Grey type 3/4/5/6 3XL

Product selector diagram.*

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

No

Taped seams? → No

Type of Exposure → Splash (Type 6)

Is ultra-low linting critical? → No → Anti-static required?

Jets (Type 3)   Spray (Type 4)

Heat stress?

Yes   Yes   No

4565   4510   4515

Yes   No

4570   4565

Yes   No

4535 4540+ 4532+   4510

3M™ Protective Coveralls Protection Types

TYPE							
3							
4							
5							
6							
CE Simple							
	3M™ Protective Coverall 4515	3M™ Protective Coverall 4532+	3M™ Protective Coverall 4535	3M™ Protective Coverall 4540+	3M™ Protective Coverall 4510	3M™ Protective Coverall 4565	3M™ Protective Coverall 4570

INCREASING LIQUID EXPOSURE

Most popular choice for Hazardous dust applications

Hazardous dust, splash and spray for Type 4 applications and protection

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

Product selector table.*

3M	4510	4515	4532+	4535	4540+	4565	4570
CE Certification**	[icons]	[icons]	[icons]	[icons]	[icons]	[icons]	[icons]
Material Weight	55gsm	50gsm	52gsm	55gsm 43 gsm (SMS panel)	55gsm 43 gsm (SMS panel)	55gsm	92gsm
Size	M-3XL	M-3XL White/Orange M-4XL Blue	M-3XL	M-3XL	M-3XL	M-3XL	M-3XL
Colours	white	white/blue/orange	blue	blue	white/blue	white/red	grey
Light-duty cleaning, warehousing, janitorial		●					
Asbestos Inspection, site preparation, insulation	●	⬤	●	●	●	●	
Asbestos removal	●	●	●	●	●	⬤	
Cement manufacturing, metal grinding & polishing	●	●	⬤	●	●	●	
Light industrial cleaning, machine maintenance	⬤	●	⬤	⬤	⬤	●	
Pharmaceutical processing, handling toxic powders	●		●	●	●	⬤	
Painting & coating, resins	⬤		●	⬤	⬤	●	
Cleanrooms	●					⬤	
Pesticide spraying						⬤	●
Chemical mixing and handling						●	⬤
Chemical spills, emergency response, decontamination, tank cleaning							⬤

⬤ Most 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.

Core Range
Fall Protection

Height Safety | Confined Space | Industrial Rescue

#3MScienceOfSafety

We help you unravel the standards and regulations.

Fall Arrest Devices

From rooftops, communication towers, mining and more, we offer a full suite of information and versatile fall protection solutions to help protect your workforce. With an extensive range of products, third party certified to Australian and global standards, including the updated AS/NZS 1891.1:2020, AS 1891.3:2020 amd 1:2021 and AS 1891.5:2020 standards.

Leading Edge Applications

As common as they are hazardous, leading edges—the unprotected side and edge of a floor, roof or form work for a floor—require specialized fall protection designed for the task. That's why we've developed a universal orange icon that we placed all of our leading edge 3M Fall Protection products, such as our self-retracting Lifelines, DBI-SALA Nano-Lok LE and Smart Lock LE and PROTECTA Rebel LE plus DBI-SALA Force2 Cut Resistant lanyards.

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, helping make work environments safer and more productive by reducing dropped object incidents.

F
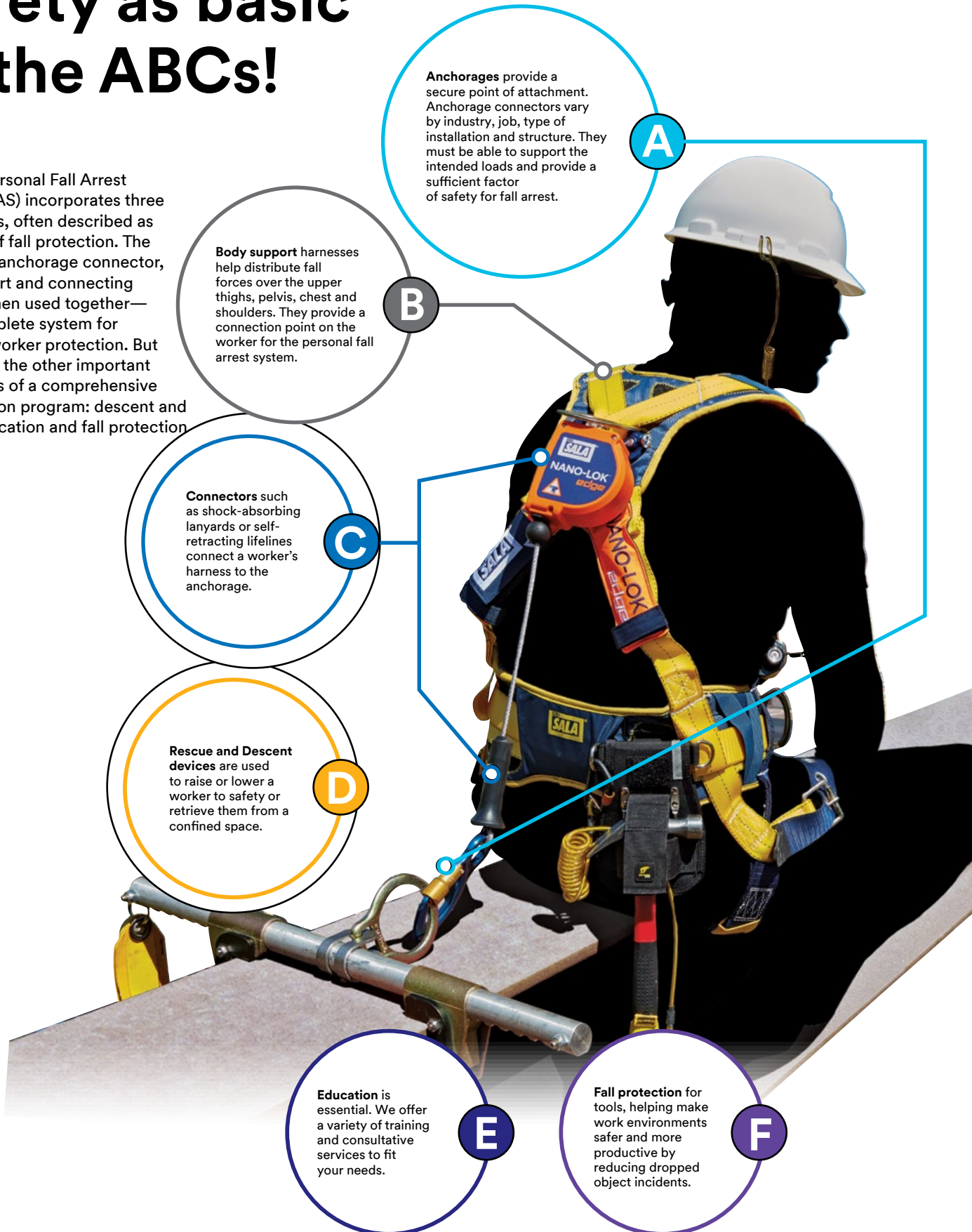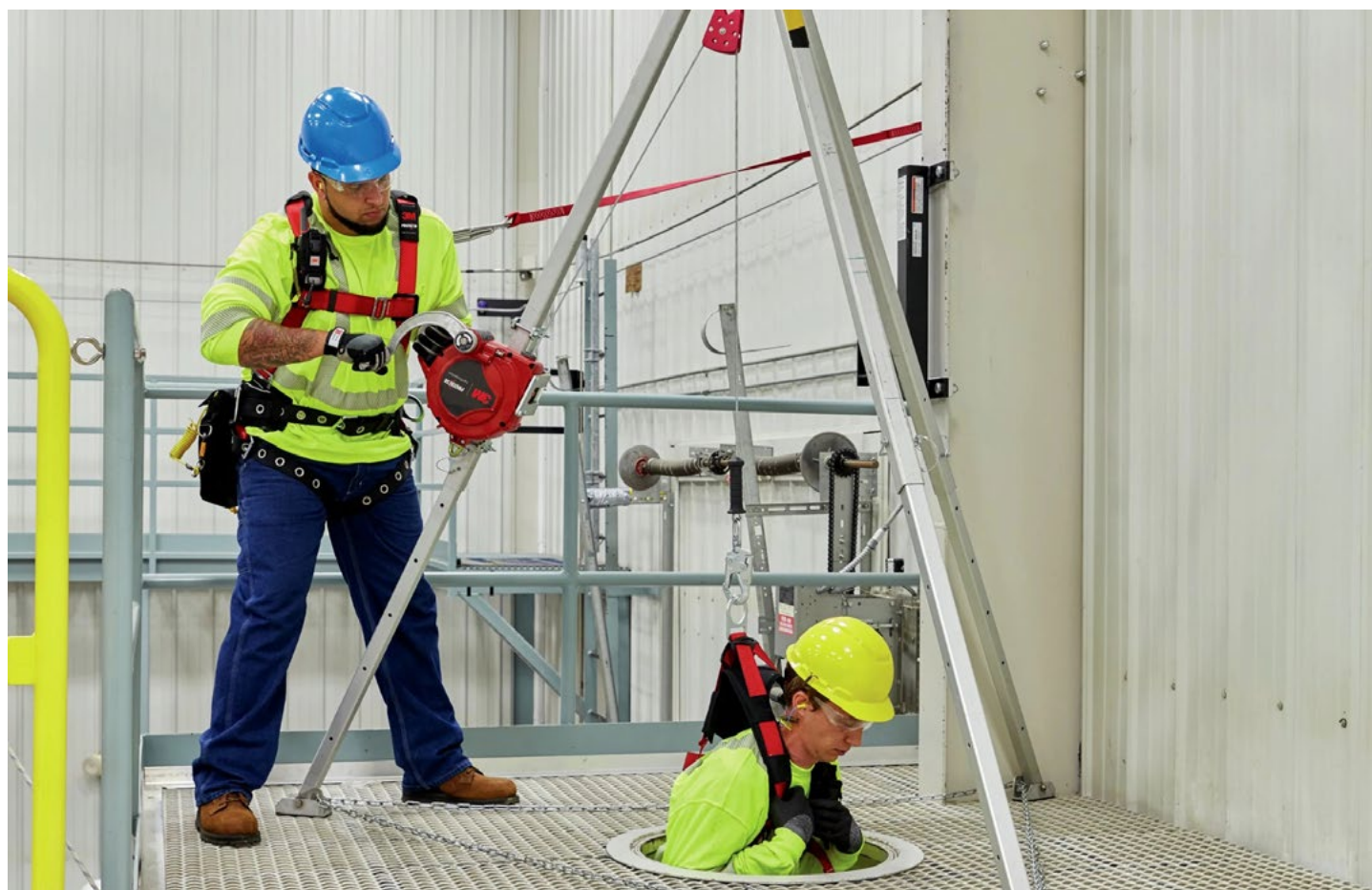
The sky's the limit.

"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.

Fall Protection Demo Trailer

Experience safety, comfort and performance. Backed by Science.

Our demo trailers are back in action post Covid, learn more about our 3M complimentary demonstrations

Anchorages

3M offers a selection of temporary and permanent anchorage connectors. 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.

DBI-SALA Anchorages

3M™ DBI-SALA® Structural Mount Anchors

2101630   7234034

3M Order Code	Model #	Description	MBS
70007440707	2101630	D-ring with anchorage plate	22.2kN
70007900361	7234034	Single point anchor	22kN

3M™ DBI-SALA® Concrete Mount Anchors

2101004   2104560

3M Order Code	Model #	Description	MBS
70007440699	2101004	Concrete detent anchor	22.2kN
70007441093	2104560	Bolt on, with swivel D-ring	22.2kN
70007451167	2101000	Concrete Socket and Cap to suit Concrete Detent Anchor	N/A

3M™ DBI-SALA® Roof Mount Anchors

2101734   2101735

3M Order Code	Model #	Description	MBS	Certified
AT010621947	2101734	Anchor side truss mount	15kN	✔
AT010621954	2101735	Anchor top purlin mount	15kN	✔

3M™ DBI-SALA® Beam Anchors

2103143

2108406

2104716

3M Order Code	Model #	Description	MBS	Certified
70007440806	2103143	Beam trolley, installs onto 76mm - 203mm wide I-beam flange up to 17mm thick	22kN	
70007442091	2108406	Fixed beam anchor, installs onto 63mm - 305mm wide I-beam flange up to 38mm	22.2kN	
70804490921	2104711	Sliding Beam Anchor, Small, Adjustable 89mm - 355mm	15kN	✔
70804490939	2104716	Sliding Beam Anchor, Large, Adjustable 305mm - 762mm	15kN	✔

3M™ DBI-SALA® Tie-Off Anchor Strap Adaptor with Interlocking Rings

MADE IN AUSTRALIA

3M Order Code	Model #	Description	Width	MBS	Certified
70007928834	E849-005	0.5 m	75mm	22.2kN	✔
70007925731	E849-010	1 m	75mm	22.2kN	✔
70007925566	E849-015	1.5 m	75mm	22.2kN	✔
70007925574	E849-020	2 m	75mm	22.2kN	✔

3M™ DBI-SALA® Round Anchor Strap

MADE IN AUSTRALIA

3M Order Code	Model #	Width	Length	MBS	Certified
AT010622036	1003583	25mm	1.2m	22.2kN	✔
AT010622044	1003584	25mm	1.5m	22.2kN	✔
AT010622051	1003585	25mm	2.0m	22.2kN	✔
AT010622077	1003587	25mm	3.0m	22.2kN	✔

MBS = Minimum Breaking Strength
Models marked 'Certified' are to AS/NZS 5532:2013 standard

3M™ DBI-SALA® Specialty Anchors

3M™ DBI-SALA® First-Man-Up™ Systems

3M™ DBI-SALA® Door Jamb Anchor

3M Order Code	Model #	Description	MBS
70007439592	2100080	Door/Window Jamb Anchor	22kN

3M™ DBI-SALA® Vacuum Anchor System

2200400

2200108

3M Order Code	Model #	Description
70007452900	2200108	Mobi Lok self contained aviation compliant vacuum anchor.
70007453015	2200400	12 m Sayfline vacuum anchor

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® Horizontal Lifeline Systems

3M™ DBI-SALA® Sayfline™ Temporary Lifeline Rope Systems

Up to 2 users

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 #	Length
70007488128	7605061	18 m

3M™ DBI-SALA® SecuraSpan™ Temporary Horizontal Lifeline Wire Cable Systems

Up to 6 users (2 per span)

3M Order Code	Model #	Length
70007959672	7400120	6 m
70008287875	7400130	9 m
70007936290	7400140	12 m
70008287883	7400150	15 m
70007962155	7400160	18 m

Posts not included

3M Order Code	Model #	Length
70007490371	7600507	20 m
70007490405	7600510	30 m

MBS = Minimum Breaking Strength
Models marked 'Certified' are to AS/NZS 5532:2013 standard

3M™ DBI-SALA® Portable Fall Arrest System

Portable Fall Arrest System
- Three independent swiveling tie-off points.
- 360 degrees of protection for three workers.
- Telescopic design;
- 83.2 cm–116.8 cm–145.4 cm
- Lightweight and durable aluminum construction.

Rescue Davit Arm for Portable Fall Arrest Post
The optional rescue davit arm assembles easily to our portable fall arrest post, providing simple and efficient rescue and material handling capabilities.

8516693

82.6 cm–92.1 cm

8516691

83.2 cm
116.8 cm
145.4 cm

1st Position
Fully Collapsed

2nd & 3rd Positions
Partially Extended

4th Position
Fully Extended
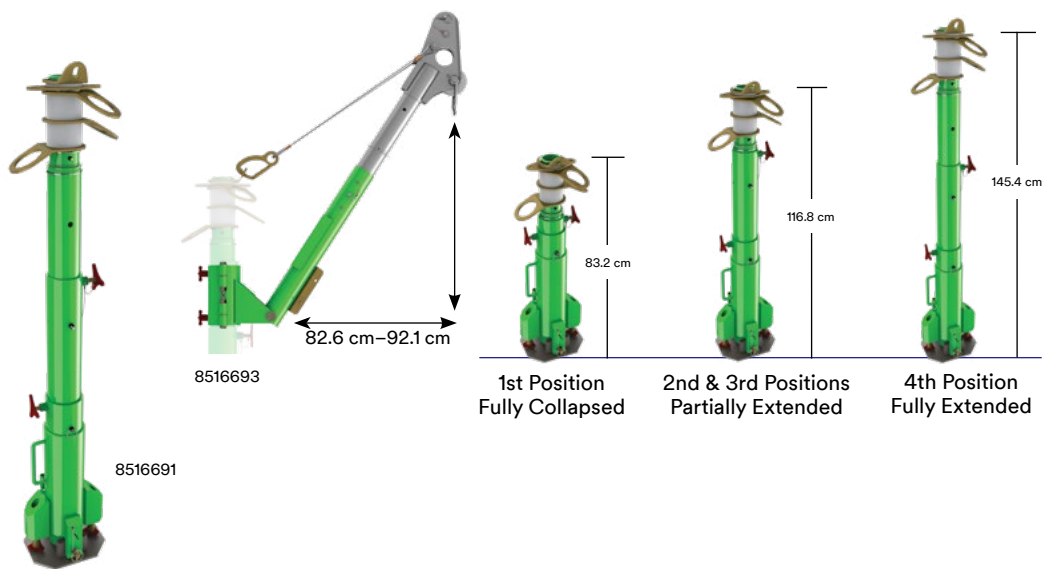
3M Order Code	Model #	Description
70007495354	8516691	Advanced Portable Fall Arrest Post
70007495370	8516693	Rescue Davit Arm for Portable Fall Arrest Post

Portable Fall Arrest System Bases & Accessories

3M Order Code	Model #	Description
70007495594	8517412	Bare Steel Uni-Anchor with Tie Off Anchor
70007491965	8510816	Weld on Mounting Plate, unplated mild steel construction
	8517413	Incline Adapter with Tie-Off Anchor
	8519819	Base Concrete Anchor
70007495362	8516692	355.6mm Extension Post to suit 8516691
70007496048	8517565	Heavy-duty carry bag to suit 8516691 or 8516693

25.4 cm   20.3 cm
8517412

25.4 cm   20.3 cm
8510816

20.3 cm   25.4 cm
27.6 cm
8517413

38.1 cm   38.1 cm
8519819

8516692

8517565
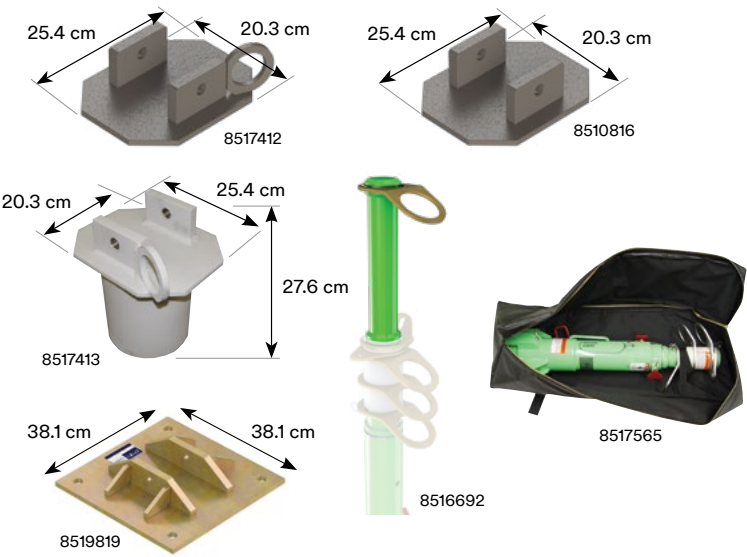
3M™ Protecta® Anchorage Devices
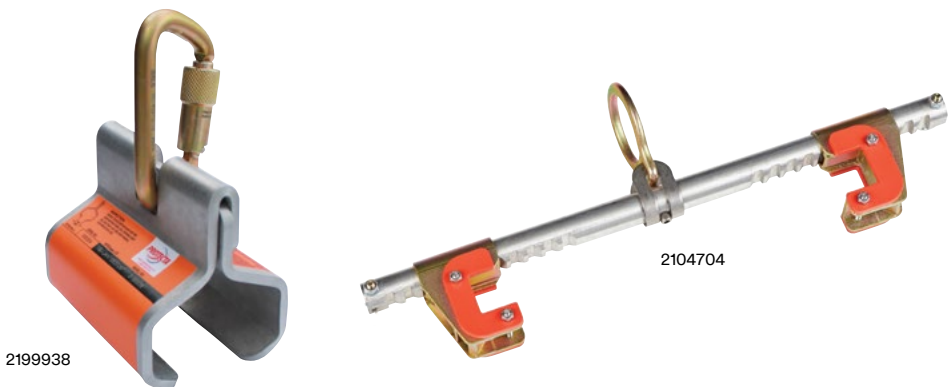
2199938

2104704

3M Order Code	Model #	Description	MBS	Minimum Width	Maximum Width	Certified
70007649455	2199938	Sliding Rail Anchor	16kN	2.75 inch	3.25 inch	
70804486242	2104704	Protecta® Sliding Beam Anchor	15kN	89mm	356mm	✔

3M™ Protecta® Temporary Horizontal Lifeline

Up to 2 users

3M Order Code	Model #	Description
70071760188	1200101	Web HLL E6 18m Pro with Anchor Strap

MBS = Minimum Breaking Strength
Models marked 'Certified' are to AS/NZS 5532:2013 standard

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™, P200 and P50 - have earned a reputation as top full body harnesses for maximum comfort, freedom of movement and ease-of-use.

3M™ DBI-SALA® ExoFit STRATA™ **1**

Designed for all day use with in-built weight distribution technology

- Patented design redistributes weight off wearer's shoulders
- Lightweight aluminium D-rings
- Easy-linking SRL adapter & standup D-ring simplify connections
- Mesh padding enhances breathability and comfort
- Revolving adjusters maintain fit and lock excess webbing in place
- Quick-connecting buckles enhance productivity

3M™ DBI-SALA® ExoFit NEX™ **2**

Premium all day comfort harness

- Revolving adjusters maintain fit and lock excess webbing in place
- Lightweight aluminium D-rings
- Quick-connecting buckles enhance productivity
- Non-slip, moisture-wicking padding
- Water repellent coating resists mould and dirt
- Standup dorsal D-ring simplifies connections

ExoFit NEX™ Plus also available, featuring a built-in SRL adapter.

Select your work:

Construction	1	2	3	4
Tower Climbing		2	3	4
Riggers		2	3	4
Crossover		2	3	4
Wind Energy		2		

Mining		2	3	4
Oil & Gas		2		4
Rope Access/Rescue		2		
Positioning		2	3	4
Scaffolding	1	2	3	4

3M™ DBI-SALA® Delta™ Comfort

(3)

Light weight comfort harness

- Revolving adjusters maintain fit and lock excess webbing in place
- Vented shoulder, back and leg padding helps keep wearer cool
- Sewn-in dorsal pad holds personal SRLs and helps eliminate slippage
- Visual indicators alert wearer if harness has been impact-loaded

3M™ DBI-SALA® Delta™

(4)

The every day workers harness

- Revolving adjusters maintain fit and lock excess webbing in place
- Tangle-free design falls into place when donned
- Ergonomic hip pad supports back and hips
- Quick-connect buckles enhance productivity
- Water repellent coating resists mold and dirt
- Standup dorsal D-ring simplifies connections

Select your size:

Waist in centimetres / Weight in kilograms

Extra Small / Small / Medium / Large / Extra Large
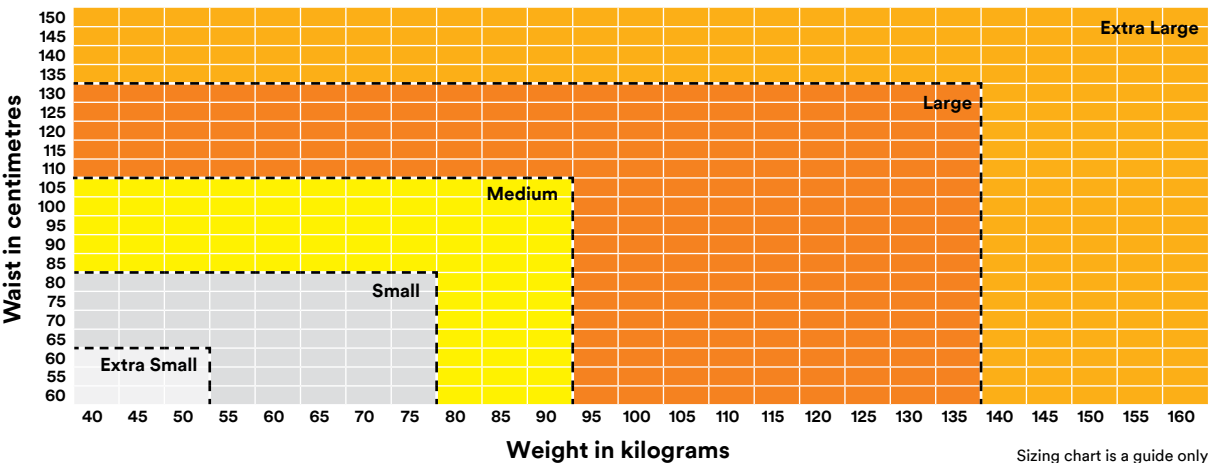
Sizing chart is a guide only

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 press stud cover protects harness labels.

Impact Indicator
- Rip-stitch indicators allow you to inspect the harness at a glance, for prior damaging impact loads.

Revolver torso adjuster**
- Simple and fast adjustments that eliminate loose ends and lock into place, preventing slippage.

Lightweight Aluminum 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.

Rigid Hip Padding Loops
- Prevents equipment pouches from sagging and reduces abrasion in vulnerable areas

Web-Locking Quick-Connect Buckles
- Lightweight one-handed use with memory-fit web-lock ensures fast, non-slipping connections.

** On selected models

BONUS
Harness storage back pack with every ExoFit NEX™ harness

Body Harnesses

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 lightweight aluminum D-rings, Web-Locking Quick-Connect Buckles, Vertical torso adjuster, nonslip hybrid comfort padding, suspension trauma straps, confined space attachment points, impact indicator.

MADE IN AUSTRALIA

3M Order Code	Model #	Size
70007925673	603S2018	Small
70007925467	603M2018	Medium
70007926127	603L2018	Large
70007926218	603XL2018	Extra Large

3M™ DBI-SALA® ExoFit NEX™ Riggers Harness with Stainless Steel Hardware

Ideal for use as a professional general purpose harness in rigging, ladder climbing and confined space access work.

Front and rear lightweight Stainless Steel D-Rings, Stainless Steel Quick-Connect Buckles, Vertical torso adjuster, nonslip hybrid comfort padding, suspension trauma straps, confined space attachment points, impact indicator.

MADE IN AUSTRALIA

3M Order Code	Model #	Size
70007927331	603S1020	Small
70007927349	603M1020	Medium
70007928552	603L1020	Large
70007928560	603XL1020	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 lightweight aluminum D-rings, Web-Locking Quick-Connect Buckles, Vertical torso adjuster, nonslip hybrid comfort padding, suspension trauma straps, impact indicator.

MADE IN AUSTRALIA

3M Order Code	Model #	Size
70007946505	613S2016	Small
70007926655	613M2016	Medium
70007941803	613L2016	Large
70007936696	613XL2016	Extra Large

3M™ DBI-SALA® ExoFit NEX™ All Purpose Harness

Ideal for the professional performing confined space access work, ladder access and rescue.

Front and rear lightweight aluminum D-rings, Web-Locking Quick-Connect Buckles, Vertical torso adjuster, nonslip hybrid comfort padding, suspension trauma straps, confined space attachment points, impact indicator.

MADE IN AUSTRALIA

3M Order Code	Model #	Size
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 and rear lightweight aluminum D-rings, Web-Locking Quick-Connect Buckles, Vertical torso adjuster, nonslip hybrid comfort padding, suspension trauma straps, impact indicator, includes suspension seat.

MADE IN AUSTRALIA

3M Order Code	Model #	Size
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 lightweight aluminum D-rings, Web-Locking Quick-Connect Buckles, Vertical torso adjuster, nonslip hybrid comfort padding, suspension trauma straps, impact indicator, includes wear pad on waist belt.

MADE IN AUSTRALIA

3M Order Code	Model #	Size
70007930723	603S4044	Small
70007930699	603M4044	Medium
70007943759	603L4044	Large
70007960613	603XL4044	Extra Large

Also available: models with additional features suitable for specific industry applications

3M™ DBI-SALA® ExoFit NEX™
Climbing Harness

Ideal for the professional performing rescue and emergency services, industrial rope access, abseiling and tower work.

Front and rear lightweight aluminum D-rings, Web-Locking Quick-Connect Buckles, Vertical torso adjuster, nonslip hybrid comfort padding, suspension trauma straps, impact indicator.

3M Order Code	Model #	Size
70007939559	683S4016	Small
70007931937	683M4016	Medium
70007938502	683L4016	Large
70007947370	683XL4016	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 (also available with 300N MED/SOLAS personal flotation device).

3M Order Code	Model #	Size
70008286240	603S1036	Small 300N
70007943023	603M1036	Medium 300N
70007946786	603L1036	Large 300N
70007956421	603XL1036	Extra Large 300N

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 lightweight aluminum D-rings, Personal SRL Adapter, Weight Distribution System, Vertical torso adjuster, Web-Locking Quick-Connect Buckle, Breathable mesh back pad, wide padded lower back/ hip pad, waist belt, suspension trauma straps, confined space loops, impact indicator.

3M Order Code	Model #	Size
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 and rear lightweight aluminum D-rings, Personal SRL Adapter, Weight Distribution System, Vertical torso adjuster, Web-Locking Quick-Connect Buckle, Breathable mesh back pad, wide padded lower back/ hip pad, waist belt, suspension trauma straps, confined space loops, impact indicator.

3M Order Code	Model #	Size
70007947339	923S2018	Small
70007945663	923M2018	Medium
70007949616	923L2018	Large
70007953097	923XL2018	Extra Large

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:

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.

** On selected models

BONUS
Harness storage bag with every Delta™ harness

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 attachment points, quick-connect buckles, corrosion resistant hardware, fully adjustable.

3M Order Code	Model #	Size
70007941654	803XS0018	Extra Small
70007926416	803S0018	Small
70007925822	803M0018	Medium
70007925707	803L0018	Large
70007925046	803XL0018	Extra Large

3M™ DBI-SALA® Delta™ Riggers Harness with Stainless Steel Hardware

Ideal for use in rigging, confined space, ladder access and general height safety.

Large rear fall arrest rated Stainless Steel D-ring, front fall arrest rated D-ring, confined space attachment points, stainless Steel 2/3 bar buckles, corrosion resistant hardware, fully adjustable.

3M Order Code	Model #	Size
70007930970	803S1022	Small
70007930970	803M1022	Medium
70007926424	803L1022	Large
70007938528	803XL1022	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.

3M Order Code	Model #	Size
70007946844	813XS0016	Extra Small
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 attachment points, waist belt with side D-rings, quick-connect buckles, corrosion resistant hardware, fully adjustable.

3M Order Code	Model #	Size
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 attachment points, padded waist belt with side D-rings, pole/restraint D-rings, quick-connect buckles, corrosion resistant hardware, fully adjustable.

3M Order Code	Model #	Size
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 attachment points, integral miners belt with battery and self rescue straps, reflective tape, suspension trauma straps, quick-connect buckles, corrosion resistant hardware, fully adjustable.

3M Order Code	Model #	Size
70007947362	823S0035	Small
70007934790	823M0035	Medium
70007929410	823L0035	Large
70007932737	823XL0035	Extra Large

Also available: models with additional features suitable for specific industry applications

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 attachment points, leather insulators, no metal hardware above the waist, quick-connect buckles, corrosion resistant hardware, fully adjustable.

*No metal hardware above the waist

3M Order Code	Model #	Size
70007937165	803S0009	Small
70007935292	803M0009	Medium
70007937082	803L0009	Large
70007937090	803XL0009	Extra Large

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 attachment points, quick connect buckles, aluminium hardware, fully adjustable, built-in shoulder, back and leg comfort padding.

3M Order Code	Model #	Size
70007937728	833S2018	Small
70007927455	833M2018	Medium
70007931218	833L2018	Large
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, built-in shoulder, back and leg comfort padding.

3M Order Code	Model #	Size
70007943221	843S2016	Small
70007935714	843M2016	Medium
70007950911	843L2016	Large
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 #	Size
70007932851	320S2066NK	Small
70007927729	320M2066NK	Medium
70007930459	320L2066NK	Large
70007945218	320XL2066NK	Extra Large

Also available: models with additional features suitable for specific industry applications

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: 823M0018 (DBI SALA Delta All Purpose Harness), E849-015 (DBI SALA Tie off Adaptor), Z90203636 (DBI SALA EZ Stop Shock Absorbing Webbing Lanyard), 1900-0000 Equipment/Kit Bag, 3101615 (DBI-SALA Nano-Lok™ Extended Length Single Leg SRL with Quick Connector). Also available with small, large or extra large harness.
70007928529	1900-0005	**Professional Roof Workers Kit,** includes: Harness (814M0016) Yellow, E849-015, P6711-015-36-58, Z90103636, 1900-0000 Equipment / Kit Bag. Also available with small, large or extra large harness.

3M™ DBI-SALA® Miners Belts

E112M-0033

E100M-0837

3M Order Code	Model #	Description
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™ P200 Full-Body Harnesses

3M™ Protecta P200 fall arrest harnesses provide reliable protection, comfort and convenience; now with upgraded features and a sleek, modern look – all at an affordable price.

Available in a variety of styles and configurations, these new harnesses have enhanced features including quick connect buckles, auto-resetting lanyard keepers as well as softer and more durable hip padding.

Features and Benefits:

- **D-Ring Placement**
  Conveniently placed front fall arrest D-ring helps you stay balanced and centred.

- **Auto-resetting Lanyard Keepers**
  Provides easy parking and release of snap hooks, scaffold hooks or Karabiners.

- **Impact Indicators ****
  Make it simple to inspect the harness for damage and help ensure it's safe to use

- **Modern Black Components**
  Zinc plated steel with electro deposit paint finish

- **Protected Labels**
  For long-term identification and inspection

- **Comfort Padding****
  Softer and more robust hip pad is 3x thicker* for extra comfort

- **EZ-Link SRL Adapter**
  Integrated easy-link web SRL adapter lets you quickly and easily connect and disconnect personal SRL's **

- **Improved Belt**
  Durable and sturdy belt for tool bag carrying convenience**

- **Gear Tool Loops****
  Tools can be secured while working at heights, to keep people and property safe anywhere below you

** On selected models

3M™ Protecta® P200 Riggers Harness

- Quick connect buckles
- Rear fall arrest D-ring
- Front and rear adjustable chest strap
- Soft EZ-link SRL adapter

3M Order Code	Model #	Size
XF003916616	1130116	Universal

3M™ Protecta® P200 Riggers Harness with Pads

- Quick connect buckles
- Rear fall arrest D-ring
- Front and rear adjustable chest strap
- Comfort padding
- Soft EZ-link SRL adapter

3M Order Code	Model #	Size
AT010644337	1161676	Small
AT010644345	1161677	Medium
AT010644352	1161678	Large
AT010644360	1161679	Extra Large

3M™ Protecta® P200 All Purpose Harness

- Quick Connect buckles
- Front and Rear fall arrest D-ring
- Comfort padding
- Soft EZ-link SRL adapter
- Padded Waist belt with Side D rings

3M Order Code	Model #	Size
AT010644378	1161680	Small
AT010644386	1161681	Medium
AT010644394	1161682	Large
AT010644402	1161683	Extra Large

3M™ Protecta® P200 Miners Harness

- Quick Connect buckles
- Integrated miners belt
- Comfort padding
- Soft EZ-link SRL adapter
- Front and Rear Fall Arrest D Rings

3M Order Code	Model #	Size
AT010644410	1161684	Small
AT010644428	1161685	Medium
AT010644436	1161686	Large
AT010644444	1161687	Extra Large

Body Harnesses

3M™ Protecta® P200 Welders Harness

- Quick Connect buckles
- Meta Aramid/Kevlar webbing
- Front and Rear Fall Arrest D rings

3M Order Code	Model #	Size
AT010644451	1161688	Small
AT010644469	1161689	Medium
AT010644477	1161690	Large
AT010644485	1161691	Extra Large

3M™ Protecta® P200 Tower Workers Harness with O-Rings

- Quick connect buckles
- Rear fall arrest D-ring
- Adjustable chest strap
- 2 x work positioning O-rings
- Soft Sternum Fall Arrest Loops
- Padded Waist Belt
- 300mm dorsal extension
- Tool Loops

3M Order Code	Model #	Size
AT010644535	1161696	Small
AT010644543	1161697	Medium
AT010644550	1161698	Large
AT010644568	1161699	Extra Large

3M™ Protecta® P200 Live Line Harness

- Quick connect buckles on legs only
- Only plastic coated hardware above the waist
- 300mm dorsal extension
- Leather insulation on metal components

3M Order Code	Model #	Size
AT010644659	1161708	Small
AT010644667	1161709	Medium
AT010644675	1161710	Large
AT010644683	1161711	Extra Large

3M™ Protecta® P200 Y Back Harness

3M™ Protecta X Y-Back Utility fall arrest harnesses provide reliable protection, comfort, convenience and ease of use; now with upgraded features and a sleek, modern look – all at an affordable price.

3M Order Code	Model #	Size
AT010791534	1161771	Small
AT010791542	1161772	Medium
AT010791559	1161773	Large
AT010791567	1161774	X-Large

3M™ Protecta® P50 All Purpose 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.

Body Harnesses

3M™ Protecta® P50 Riggers Harness

Industrial harness with front and rear fall arrest rated D-ring, adjustable leg and chest straps, Sub pelvic Strap.

3M Order Code	Model #	Description
AT010621574	1390061A	Universal

3M™ Protecta® P50 All Purpose Harness

Construction harness with front, rear, side D-rings, confined space attachment points, waist belt and padded hip/lower back pad.

3M Order Code	Model #	Description
AT010621582	1390062A	Universal

Riggers harness with adjustable 2m integral lanyard w/snap hook

3M Order Code	Model #	Description
AT010621590	1390063A	Universal

Riggers harness with adjustable 2m integral lanyard w/scaffold hook

3M Order Code	Model #	Description
AT010621608	1390064A	Universal

3M™ Protecta® P50 Fall protection Kits

First™ Construction Workers Kit

3M Order Code	Model #	Description
70007929576	AA1020AU	P50 Fall Arrest Harness (AB17510AU), 1.8 m Rebel Personal SRL (3100445), 1.5 m round anchor strap (1003584), packed in a rugged re-useable carry bucket

First™ Roof Workers Kit

3M Order Code	Model #	Description
70007925012	AA1000AU	P50 Fall Arrest Harness (AB17510AU), 15 m kernmantle rope lifeline with 1 m integral shock absorbing lanyard, 1.5 m round anchor strap (1003584), packed in a rugged re-useable carry bucket

AA1000AU

Connectors

Specific jobsites call for unique connectors. That's why we developed a comprehensive product range, all rigorously tested to meet almost all applications.

Unique risks of leading and sharp edges:

1 Increased fall distance

Anchoring at foot level increases the distance needed for fall clearance.

When workers are attached at foot-level, as they often are in leading edge applications, they will fall farther than they would if they were anchored at shoulder height or above. The required clearance when anchored at foot-level varies by product so make sure to reference the products' user instructions.

2 Lock-up speed

Required time to reach velocity to engage lifeline takes longer because of longer fall distance.

Self-retracting lifelines react to a fall when the lifeline accelerates out of the housing at a certain velocity. When self-retracting lifelines are anchored at foot- level, the lifeline does not achieve the required acceleration during a fall until after the user's D-ring passes over the leading edge and below the level of the anchor. This means the user has already fallen approximately 1.5 meters before the self-retracting lifeline device will engage to arrest the fall.

3 Increased fall arrest forces

Potentially higher impact to the body when the fall is arrested.

Falling further means the impact on the body through the fall protection system will potentially be greater when the fall is arrested. This is why leading edge Self Retracting Lifelines are designed with an energy absorber at the end of the lifeline, or as an integrated back-pack style, that connects to the users harness.

4 Increased potential for swing hazards

This could create a sawing action on a lifeline strung taught over a sharp edge.

Depending on a worker's position during a fall, they may swing like a pendulum after the fall is arrested. While swinging is a hazard under any circumstances, the danger is compounded if the worker's lifeline is strung taught over a sharp edge and saws back and forth across that edge.

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.

Choosing a lanyard

Look for quality in these features when selecting a lanyard.

A. Webbing
Choose your webbing based on the type of conditions you work in. Options include Nomex®/ Kevlar®, Kermantle rope and cable

B. Connector/hook
Expanded range of 3M™ DBI-SALA® Connectors allowing for one-handed use, won't pinch thumbs or fingers, for all industry applications and demands

C. Length
The standard lanyard length is 2m, but other lengths are available

D. Shock absorber
Smallest Shock absorber in the world, with HI-10™ high tenacity fibre energy management material, keeps forces below 6kN.

E. Labelling
Product data protected from everyday use, RFID equipped

Types of 3M™ DBI-SALA® Connectors

Expanded range of DBI-SALA Connectors includes triple action snap and scaffold hooks plus transverse loading options. All of our connectors feature 16kN rated gates.

	Steel Snap Hook	Aluminium Snap Hook	Stainless Steel Snap Hook	Aluminium Snap Hook Triple Action	Aluminium Scaffold Hook	Steel Scaffold Hook	Saflok Max Steel Rebar Hook	Saflok Tower Hook	Aluminium Scaffold Hook Triple Action	Comfort Grip Hook	Steel Karabiner Triple Action	Stainless Steel Karabiner Triple Action	Aluminium Karabiner Triple Action	Aluminium Karabiner Triple Action with Eye
Gate Opening	19mm	19mm	19mm	20mm	57mm	64mm	87mm	116.84mm	63.5mm	57mm	20mm	20mm	18mm	18mm
Gate Strength	16kN	16kN	16kN	16kn	16kN	16kN	16kN	16kN	16kN	16kN	16kN	16kN	16kN	16kN
Model #	9502116	9505254	9505253	2000183	9502058	2109193	2000125	2000194	2000182	2000214	R-113	R-119	2000184	8700552

3M™ DBI-SALA® Force2™
Shock Absorbing Lanyards

Z12202519E

Z10200909E

Z11200909

3M™ DBI-SALA® Force2™ Shock Absorbing Webbing Lanyards

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007926861	Z10200909	Non Adjustable, 2.0m with double action snap hooks on all connections	Single	9502116	9502116
70007934618	Z10200909E	Elasticated, 2.0m with double action snap hooks on all connections	Single	9502116	9502116
70007932232	Z10202519E	Elasticated, 2.0m with aluminium snap hook and scaffold hook	Single	9505254	9502058
70007925681	Z11200919	Adjustable, 2.0m with double action snap hook and scaffold hook	Single	9502116	9502058
70007925418	Z12202519E	Elasticated, 2.0m with aluminium double action snap hook and scaffold hooks	Twin	9505254	9502058
70804412545	Z12206129E	Elasticated, 2.0m with aluminium triple action karabiner and scaffold hooks	Twin	8700552	2000182
70007941621	Z13200919	Adjustable, 2.0m with double action snap hook and scaffold hooks	Twin	9502116	9502058
AT019425597	Z12202580E	Elasticated 2.0m with aluminium double action snap hook and comfort hook	Twin	9505254	2000214

* DBI-SALA Shock Absorbing Lanyards are available in a range of lengths, with alternate hook and karabiner terminations to suit your specific needs and application. Contact 3M Customer Service or your local 3M Fall Protection expert for more information. All twin tail lanyards are supplied with E839 lanyard stowage points. If a dorsal extension is part of your harness the maximum lanyard assembly permitted is 1.7m or less.

3M™ DBI-SALA® Force2™
Shock Absorbing Rope & Cable Lanyards

Z10204545WR   Z10200909R   Z11204545CR   Z13206129R

3M™ DBI-SALA® Force2™ Shock Absorbing Rope Lanyards

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007931960	Z10200909R	Non-adjustable, 2.0m with double action snap hooks on all connections	Single	9502116	9502116
70007954202	Z10202519R	Non-adjustable, 2.0m with aluminium double action snap hook and scaffold hook	Single	9505254	9502058
70007925475	Z11204545R	Adjustable, 2.0m with stainless steel triple action karabiners on all connections	Single	R-119	R-119
70007935094	Z11206119R	Adjustable, 2.0m with aluminium triple action karabiner and scaffold hook	Single	8700552	9502058
70007934345	Z11206159R	Adjustable, 2.0m with aluminium triple action karabiner on all connectors	Single	8700552	2000184
70007929956	Z11204545CR	Cut Resistant, Adjustable, 2.0m with stainless steel triple action karabiners on all connections	Single	R-119	R-119
70007963344	Z11206119CR	Cut Resistant, Adjustable, 2.0m with aluminium triple action karabiner and scaffold hook	Single	8700552	9502058
70007925889	Z12202519R	Non Adjustable, 2.0m with aluminium snap hook and scaffold hooks	Twin	9505254	9502058
70007940854	Z13206119R	Adjustable, 2.0m with aluminium triple action karabiner and scaffold hooks	Twin	8700552	9502058
70007927190	Z13206129R	Adjustable, 2.0m with aluminium triple action karabiner and triple action scaffold hooks	Twin	8700552	2000183
70007938791	Z13206159R	Adjustable, 2.0m with aluminium triple action karabiners on all connections	Twin	8700552	2000184
70007937348	Z13206119CR	Cut Resistant, Adjustable, 2.0m with aluminium triple action karabiner and scaffold hooks	Twin	8700552	9502058

3M™ DBI-SALA® Force2™ Shock Absorbing Lanyards - Wire Cable - Double Tail

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007930087	Z10200909WR	PVC Coated, 2.0m with double action snap hooks on all connections	Single	9502116	9502116
70007939757	Z10204545WR	PVC Coated, 2.0m with stainless steel triple action karabiners on all connections	Single	R-119	R-119
70007950341	Z10207575WR	PVC Coated, 2.0m with triple action karabiners on all connections	Single	R-113	R-113
70007940987	Z12200919WR	PVC Coated, 2.0m with double action snap hook and scaffold hooks	Twin	9502116	9502058
70007950010	Z12204545WR	PVC Coated, 2.0m with stainless steel triple action karabiners on all connections	Twin	R-119	R-119
70007955993	Z12207575WR	PVC Coated, 2.0m with triple action karabiners on all connections	Twin	R-113	R-113

* DBI-SALA Shock Absorbing Lanyards are available in a range of lengths, with alternate hook and karabiner terminations to suit your specific needs and application. Contact 3M Customer Service or your local 3M Fall Protection expert for more information. All twin tail lanyards are supplied with E839 lanyard stowage points. If a dorsal extension is part of your harness the maximum lanyard assembly permitted is 1.7m or less.

3M™ DBI-SALA® EZ-Stop Shock Absorbing Lanyards

Z60200919NKE

Z51203636

Z60203634E

3M™ DBI-SALA® EZ-Stop™ Shock Absorbing Lanyards Webbing

3M Order Code	Model #	Description	Single-Leg/Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007926887	Z51203636	Adjustable, 2.0m with double action snap hooks on all connections	Single	2000161	2000161
70007927695	Z90203636	Non-Adjustable, 2.0m with double action snap hook on all connections	Single	2000161	2000161
70007930004	Z90203636E	Elasticated, 2.0m with double action snap hook on all connections	Single	2000161	2000161

3M™ DBI-SALA® EZ Stop 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.

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007926812	Z90200909NK	Non adjustable, 2.0m with with double action snap hooks on all connections	Single	9502116	9502116
70007930814	Z90200909NKE	Elasticated 2.0m with double action snap hooks on all connections	Single	9502116	9502116
70007925327	Z60200919NKE	Elasticated 2.0m with double action snap hook and scaffold hooks	Twin	9502116	9502058
70007937413	Z60204545NKE	Elasticated 2.0m with stainless steel triple action karabiners on all connections	Twin	R-119	R-119

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3M™ DBI-SALA® Pole Straps and Lifelines

E601-020

E613B0351717

E90252559

3M™ DBI-SALA® Webbing Pole Straps

3M Order Code	Model #	Dwescription	Connector 1	Connector 2
70007927653	E601-020	2.0m with double action snap hooks on all connections	2000161	2000161
70007930186	E601-025	2.5m with double action snap hooks on all connections	2000161	2000161
70007925178	E601-030	3.0m with double action snap hooks on all connections	2000161	2000161
70007947685	E601-035	3.5m with double action snap hooks on all connections	2000161	2000161
AT010644782	E613B0202525	2.0m Black webbing with Blue trigger style double action snap hooks	9505254	9505254
AT010791989	E613B0252525	2.5m Black webbing with Blue trigger style double action snap hooks	9505254	9505254
AT010791864	E613B0201717	2.0m Black webbing with Red double action snap hooks	2000168	2000168
AT010791872	E613B0251717	2.5m Black webbing with Red double action snap hooks	2000168	2000168
AT010791880	E613B0301717	3.0m Black webbing with Red double action snap hooks	2000168	2000168
70007937801	E613B0351717	3.5m Black webbing with Red double action snap hooks	2000168	2000168
AT010791906	E613B0501717	5.0m Black webbing with Red double action snap hooks	2000168	2000168
70007948519	E613BLU0250909V	2.5m Blue webbing with trigger style double action snap hooks and Velcro keeper	9502116	9502116
70007935672	E613BLU0351818	3.5m Blue webbing with Blue double action snap hooks	2000167	2000167
AT010643933	E613-BLU-035-61-18	3.5m Blue webbing with triple action karabiner and Blue double action snap hook	8000552	2000167

3M™ DBI-SALA® Rope Pole Straps

3M Order Code	Model #	Description	Connector 1	Connector 2
70007945804	E90202559	2.0m with double action snap hook and triple action karabiner	9505254	2000184
70007927687	E90252559	2.5m with double action snap hook and triple action karabiner	9505254	2000184
70007950457	E90207575	2.0m with triple action karabiners on all connections	R-113	R-113

3M DBI-SALA Lifeline Assembly Systems

3M™ DBI-SALA® 11mm Kernmantle rope lifeline with sewn thimbled eye, fitted with connector at one end and sewn end stop on the other, rope adjustor with shock absorber fitted with connector.

P67110100958Z

3M Order Code	Model #	Length	Connector
70007955258	P67110100958Z	10m	9502116
70007939716	P6711-002-75-58Z	2m	R-113
70007943007	P67110057558Z	5m	R-113
70007931895	P6711-015-75-58Z	15m	R-113
70007961629	P67110307558Z	30m	R-113

* DBI-SALA Pole Straps and Lifelines are available in a range of lengths, with alternate hook and karabiner terminations to suit your specific needs and application. Contact 3M Customer Service or your local 3M Fall Protection expert for more information.

3M DBI-SALA® Personal Self Retracting Lifelines

3M™ DBI-SALA® Nano-Lok™ LE Self-Retracting Lifelines

Integrated, backpack-style Energy Absorber
- Energy absorber and connector work together to limit forces on both the worker and the impacted edge.
- Backpack design stays tight to the harness and helps evenly distribute units weight

Easy-to-install connector
- Provides 360 degrees of rotation, the direct-to-harness connection provides seamless integration of the energy absorber and leaves the D-ring open for rescue or other equipment

Sharp Edge Icon
- Global sharp edge icon to quickly and easily identify sharp edge products

Tough and flexible webbing or galvanized cable lifelines
- 2.4m of 5mm cable or 20mm Kevlar®/Dyneema fibre webbing provides maximum range of motion, durability and cut resistance

Impact-resistant housing
- Lightweight thermoplastic housing provides maximum durability

Compliant to AS 1891.3:2020 Amd1:2021

3101640

3M™ DBI-SALA® Nano-Lok 2G Self-Retracting Lifelines

High capacity external energy absorber and impact indicator
- Specialised built-in external absorption system maintains safe fall arrest forces for users and tools up to 140 kg and provides a visual alert that the SRL has been involved in a fall

1.8m 19mm Dynema polyester web lifeline
- The synthetic lifeline reduces overall weight and the retractable design provides freedom of movement, keeps the lifeline out of the worker's way and reduces dragging, snagging and trip falls.

Tough and impact resistant thermoplastic housing
- Compact and durable housing is designed to withstand the demands of challenging jobsites, it's built to last.

Wide variety of configurations available
- There are a wide variety of models to choose from to suit almost any application for complete jobsite versatility and flexibility

Fast connection system
- Simple, light-weight connector allows backward compatibility

Compliant to AS 1891.3:2020 Amd1:2021

3101709

	Steel Snap Hook	Steel Snap Hook Tie Back	Aluminium Scaffold Hook	Steel Scaffold Hook	Aluminium Scaffold Hook	Comfort Grip Hook	Aluminium Scaffold Hook	Steel Karabiner Double Action	Steel Karabiner Triple Action	Stainless Steel Karabiner Triple Action	Aluminium Karabiner Triple Action	Cab Mount
Gate Opening	19mm	19mm	57mm	64mm	57mm	57mm	63.5mm	17mm	20mm	20mm	18mm	N/A
Gate Strength	16kN	16kN	16kN	16kN	16kN	16kN	16kN	16kN	16kN	16kN	16kN	N/A
Model #	9502116	9501804	9502058	2109193	2007153	2000214	2000209	2000112	R-113	R-119	2000184	3100144
												N/A

———————— Not available for separate sale ————————

	Steel Fast Connection System	Steel Direct Connect	Steel Direct Connect	Steel Direct Connect	Steel Twin Connector	
Model #	3100480	3100127	3100064	3100088	3100109	

3100480   3100088

3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifelines

3500255

3101639-75

3M™ DBI-SALA® Nano-Lok™ LE Self-Retracting Lifelines

3M Order Code	Model #	Description	Single-Leg/Twin-Leg	Connector 1 (Housing)	Connector 2 (Lifeline)
70007951729	3101639-75	2.4m Webbing Lifeline	Single	LE direct connect	R-113
70007446910	3101640	2.4m Webbing Lifeline	Twin	LE direct connect	2000209
70007456471	3500255	2.4m Cable Lifeline	Twin	LE direct connect	2000209

3101345

3101340

3101330

3M™ DBI-SALA® Nano-Lok™ 2G Self-Retracting Lifelines

3M Order Code	Model #	Description	Single-Leg/Twin-Leg	Connector 1 (Housing)	Connector 2 (Lifeline)
70007455226	3101330	1.8m Webbing Lifeline	Single	Direct Connect	9502116
70007444188	3101331	1.8m Webbing Lifeline	Single	Direct Connect	9502058
70007455234	3101339	1.8m Webbing Lifeline	Single	R-113	R-113
70007931119	3101340	1.8m Webbing Lifeline	Single	R-119	R-119
70804501743	3101709	1.8m Webbing Lifeline	Single	2000184	2000214
70007455242	3101345	1.8m Webbing Lifeline	Twin	Direct Connect	2100193
70007444246	3101346	1.8m Webbing Lifeline	Twin	Direct Connect	9502058
70804506031	3101718	1.8m Webbing Lifeline	Twin	Direct Connect	2000214
70804506049	3101719	1.8m Webbing Lifeline	Twin	Direct Connect	2000209

3101594   3101615   3101366

3M™ DBI-SALA® Nano-Lok™ Tie-Back Self Retracting Lifelines

3M Order Code	Model #	Description	Single-Leg/Twin-Leg	Connector 1 (Housing)	Connector 2 (Lifeline)
70007444295	3101366	2.7m Webbing Lifeline	Single	Direct Connect	9501804

3M™ DBI-SALA® Nano-Lok™ XL Self Retracting Lifelines

3M Order Code	Model #	Description	Single-Leg/Twin-Leg	Connector 1 (Housing)	Connector 2 (Lifeline)
70007456174	3101615	Single 3.4m Webbing Lifeline	Single	3100064	9502116
70007456117	3101594	Single 2.8m Webbing Lifeline	Single	2000112	2109193

3101524

3101521   3101523

3M™ DBI-SALA® Nano-Lok™ Hot Work Self Retracting Lifelines

3M Order Code	Model #	Description	Single-Leg/Twin-Leg	Connector 1 (Housing)	Connector 2 (Lifeline)
70007445672	3101521	1.8m Nomex®/Kevlar® Fibre Webbing Lifeline	Single	3100127	2109193
70007445680	3101523	1.8m Nomex®/Kevlar® Fibre Webbing Lifeline	Single	2000112	9502116
70007455838	3101524	1.8m Nomex®/Kevlar® Fibre Webbing Lifelines	Twin	3100109	2109193

3M™ DBI-SALA™ Smart Lock Self-Retracting Lifelines

- **Swivelling anchorage & Karabiner included**
- **Ergonomic handle.**
  Designed for easy transport and support during overhead installation.
- **Magnetic retraction control.**
  The lifeline rewinds at an evenly controlled pace, helping reduce the possibility for harm to people or equipment (compared to solutions with gear based retraction).
- **Patent pending dual label system.**
  An extra label stored in the bumper on the lifeline allows users to easily access critical asset information and keeps it protected from damage to help reduce cost of ownership.
- **Highly-visible orange energy-absorber cover.**
  Identifies product as meeting Leading Edge standards and allows you to more easily confirm that workers are tied off (Horizontal models).
- **6kN Maximum Arresting Force (MAF)**
- **190kg weight capacity**

3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifeline

When grease, dirt and moisture are just part of your job. Keeping them from affecting the performance of your SRL is ours. These sealed SRLs are constructed from heavy-duty, corrosion-resistant materials, and incorporate a patented concept that separates all dynamic components—including the motor spring and brake—from foreign elements.

Carrying handle
- Built-in design for easy transport—certified as secondary 3101001 fall arrest rated anchorage point.

Galvanised & stainless steel cable
- Abrasion resistant and corrosion-resistant lifeline options.

Self-locking swivel hook
- Limits lifeline twisting
- Integrated impact indicator
- 16kN gate reduces accidental disengagements ("roll-out")

Fast Line
- Provides the user with ability to replace the lifeline in the field.

3M™ DBI-SALA® Ultra-Lok™ Self-Retracting Lifelines

Rugged durability. Extremely lightweight. These SRLs are engineered to deliver everything you need to maximize your safety, efficiency and comfort. Stainless steel components, an antiratcheting brake system and a semi-sealed design result in a system that's truly built to last.

Top swivel
- Limits lifeline twisting for smoother operation.

Thermoplastic housing
- Lightweight, compact and durable.

Ergonomic cable handle
- Provides added comfort and ease-of-use when making connections.

Multiple lifeline options
- Galvanized or stainless steel cable

Self-locking swivel hook
- Limits lifeline twisting
- Integrated impact indicator
- 16kN gate reduces accidental disengagements ("roll-out")

3M™ DBI-SALA® Nano-Lok™ Extended Length Self-Retracting Lifelines (SRL's), 6 m (Overhead)

Swiveling Anchorage Loop
- Limits lifeline twisting for smooth operation.

Impact-Resistant Housing
- Tough thermoplastic housing designed to withstand demanding worksites.

Speed-Sensing Brake System
- Reduces fall clearance

Dyneema® Fibre and Polyester Web Lifeline
- Synthetic lifeline reduces overall weight and the retractable design provides freedom of movement.

High-Capacity External Energy Absorber
- Maintains safe fall arrest forces for users up to 140 kg.

Impact Indicator
- Energy Absorber deployment provides a visual alert that the SRL has been involved in a fall

	Swivel Steel Snap Hook	Swivel Steel Snap Hook	Swivel Stainless Steel Snap Hook	Swivel Stainless Steel Snap Hook	Swivel Steel Snap Hook
Gate Opening	19mm	19mm	57mm	57mm	19mm
Gate Strength	16kN	16kN	16kN	16kN	16kN
Model #	9502194	2000180	2000181	2100044	9502195

Not available for separate sale

Connectors

3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifeline

3M Order Code	Model #	Description	Lifeline Connector	Fast Line
70007459533	3400803	9m Galvanised Steel Wire Rope	2000180	✔
70007450631	3400805	9m Stainless Steel Wire Rope	2000181	✔
70007460077	3400950	15m Galvanised Wire Rope	2000180	✔
70007460085	3400951	15m Stainless Steel Wire Rope	2000181	✔
70007459772	3400866	25m Galvanised Wire Rope	2000180	✔
70007459780	3400867	25m Stainless Steel Wire Rope	2000181	✔
70007452074	3400971	40m Galvanised Wire Rope	2000180	✔
70007452082	3400972	40m Stainless Steel Wire Rope	2000180	✔

3M™ DBI-SALA® Ultra-Lok™ Self Retracting Lifelines

3M Order Code	Model #	Description	Lifeline Connector
70007462974	3504427	6m Galvanised Wire Rope	9502194
70007456562	3504424	9m Galvanised Wire Rope	9502194
70007456844	3504465	15m Galvanised Wire Rope	9502194

3M™ DBI-SALA® Nano-Lok™ Extended Length Self-Retracting Lifelines

3M Order Code	Model #	Description	Connector 1 (Housing)	Connector 2 (Housing)
70804498130	3103867	6m Dyneema and Polyester Web	2000112	9502195

3M™ DBI-SALA® Karabiners

3M Order Code	Model #	Description	Gate Strength	Gate Opening
AT019422370	8700130	Steel Double Action, Autolock with captive eye	16kN	20mm
70007928651	2000114	Steel Double Action, Autolock with captive eye	16kN	55.5mm
70007926986	R-113	Steel Triple Action, Autolock with captive eye	16kN	20mm
70007930558	R-119	Stainless Steel Triple Action, Autolock with captive eye	16kN	20mm
70007449807	2000300	Steel Triple Action, Autolock with captive eye	16kN	51mm

R-113   R-119   2000114

*Additional connector combinations available.

3M DBI-SALA Lad-Saf™ Vertical Cable Systems

3M™ DBI-SALA® Lad-Saf Top & Bottom Bracket Kits

3M Order Code	Model #	Description	Users
70804503277	6116631	Galvanised Steel, level with top, to suit Ladder Rung	2
70804503285	6116632	Stainless Steel, level with top, to suit Ladder Rung	2
70804503293	6116633	Galvanised Steel, level with top, to suit Ladder Rung	4
70804503301	6116634	Galvanised Steel to suit Mono Pole	4
70804503327	6116636	Galvanised Steel, climb extension, to suit Ladder Rung	2
70804503343	6116638	Stainless Steel to suit Mono Pole	4

6116636   6116634   6116631
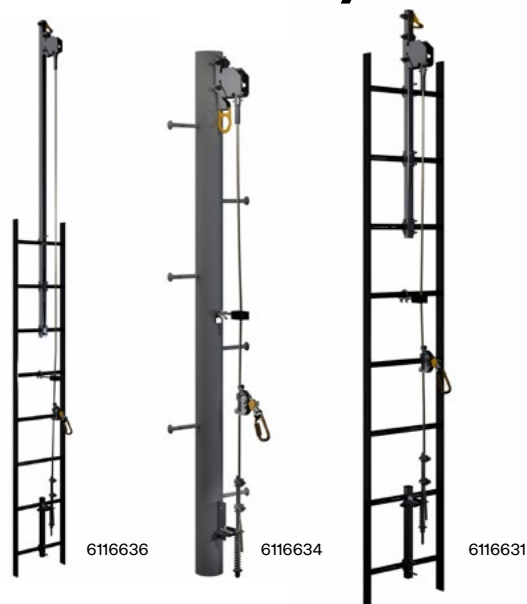
3M™ DBI-SALA® Lad-Saf™ Pre-Swage Cable 7×19, 9.5mm Diameter

Galvanised

3M Order Code	Model #	Metres
AT010622143	6115001	3m
AT010622150	6115002	6m
AT010622168	6115003	9m
AT010622176	6115004	12m
AT010622184	6115005	15m
AT010622192	6115006	20m
AT010643495	6115018	25m
AT010622200	6115007	30m
AT010643503	6115019	35m
AT010622218	6115008	40m
AT010643511	6115020	45m
AT010622226	6115009	50m
AT010643529	6115021	55m
AT010622234	6115010	60m
AT010643537	6115022	65m
AT010643552	6115024	80m
AT010622143	6115001	80m

Stainless Steel

3M Order Code	Model #	Metres
AT010622242	6115011	3m
AT010622259	6115012	6m
AT010622267	6115013	9m
AT010622283	6115015	15m
AT010622291	6115016	20m
AT010643636	6115032	25m
AT010622309	6115017	30m
AT010643644	6115033	35m
AT010643669	6115035	45m
AT010644105	6115042	90m

6115001

3M™ DBI-SALA® Lad-Saf™ Cable Guides

3M Order Code	Model #	Description	Application
70007475786	6100400	Galvanised Assembly to suit <1-1/8" Rung, Straight	Standard
70007470415	6100457	Stainless Steel Assembly to suit <1" Rung, Straight	Standard
70804505751	6100513	Stainless Steel Assembly to suit <1-5/8" Rung, 90 degree	Standard
70007470464	6100515	Galvanised Assembly to suit 5-3/4" in length, 90 degree	Monopole
70007934675	LS379	Galvanised, Straight	Monopole
70007475851	LS379-ASS	Galvanised Assembly, Straight	Monopole

6100400

6100457
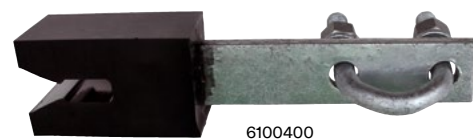
3M™ DBI-SALA® Lad-Saf™ X3+ Sleeve

3M Order Code	Model #	Description
70007484242	6160052	Detachable Cable Sleeve with Zinc Plated Steel Double Action Karabiner
AT019424947	6160065	Detachable Cable Sleeve with Zinc Plated Steel Triple Action Karabiner

6160052
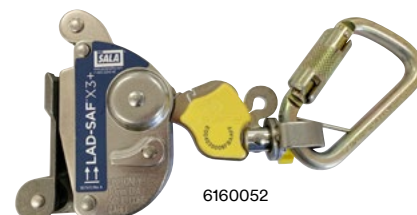
Certified Lad Saf training available.
Contact your local 3M Fall Protection expert for more information.

3M™ Protecta® Shock Absorbing Lanyards

AE529ADJ/3AU

AE529ADJ/9R

AE529EY/5AU

1390066A

1390065A

3M™ PROTECTA® Shock Absorbing Webbing Lanyards

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007925442	AE529/3AU	Non-adjustable, 2.0m with snap hooks on all connections	Single	2000161	2000161
70007927414	AE529/13AU	Non-adjustable, 1.5m with snap hooks on all connections	Single	2000161	2000161
70007940599	AE529E/3AU	Elasticated, 2.0m with snap hooks on all connections	Single	2000161	2000161
70007928537	AE529ADJ/3AU	Adjustable from 0.75 - 2.0m with snap hooks on all connections	Single	2000161	2000161
70007940284	AE529ADJ/5AU	Adjustable from 0.75 - 2.0m with snap hook and scaffold hooks	Twin	2000161	2000164
70007926879	AE529EY/5AU	Elasticated, 2.0m with snap hook and scaffold hooks	Twin	2000161	2000164

3M™ PROTECTA® Shock Absorbing Welders Lanyards

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007944229	AE529/3W	Non-adjustable, 2.0m with snap hooks on all connections	Single	2000161	2000161
70007942900	AE529/5W	Non-adjustable, 2.0m with snap hook and scaffold hook	Single	2000161	2000164
70007948808	AE529/9W	Non-adjustable, 2.0m with triple action karabiners on all connections	Single	R-113	R-113

3M™ PROTECTA® Shock Absorbing Rope Lanyards

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007942074	AE529ADJ/9R	Adjustable from 0.75 - 2.0m with steel triple action karabiners on all connections	Single	R-113	R-113
AT010644832	AE529ADJ/10R	Adjustable from 0.75 - 2.0m with steel triple action karabiner and scaffold hook	Single	R-113	2000164
AT010644840	AE529ADJY/10R	Adjustable from 0.75 - 2.0m with steel triple action karabiner and scaffold hooks	Twin	R-113	2000164
AT010783069	AE529ADJ/8R	Adjustable from 0.75 - 2.0m with stainless steel triple action karabiners on all connections	Single	R-119	R-119

3M™ PROTECTA® P50 Shock Absorbing Webbing Lanyards

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
AT010621624	1390066A	Adjustable from 0.75 - 2.0m with snap hooks on all connections	Single	2000161	2000161
AT010621616	1390065A	Non- adjustable, 2.0m with snap hook and scaffold hooks	Twin	2000161	2000164

* All twin tail lanyards are supplied with E839 lanyard stowage points. If a dorsal extension is part of your harness the maximum lanyard assembly permitted is 1.7m or less
* Viper™ 2 Rope Grabs must only be used with 3M supplied Viper™ 10.5mm Kernmantle Rope. Cobra™ Rope Grabs must only be used with 3M supplied Cobra™ 14-16mm 3-Strand Rope

3M™ PROTECTA® Rebel™ Personal Self Retracting Lifelines

3M Order Code	Model #	Description	Single-Leg/ Twin-Leg	Connector 1 (Harness)	Connector 2 (Anchor)
70007443099	3100445	1.8m Webbing Lifeline	Single-Leg	2000192	2000161
70007454401	3100448	6m Webbing Lifeline	Single-Leg		2000161

3100445

3M™ PROTECTA® Rebel™ Self Retracting Lifelines

3M Order Code	Model #	Description	Lifeline Connector
XF003916442	3590624	6m Galvanised Steel Wire Rope	2000175
XF003916434	3590625	10m Galvanised Steel Wire Rope	2000175
XF003916418	3590627	15m Galvanised Steel Wire Rope	2000175
70007460549	3590610	20m Galvanised Steel Wire Rope	2000175
70007460622	3590690	30m Galvanised Steel Wire Rope	2000175
70007460382	3590536	10m Stainless Steel Wire Rope	2000126
70007466082	3590609	20m Stainless Steel Wire Rope	2000126
70804201542	3100652	6.0m Webbing Lifeline	2000161

3M™ PROTECTA® Rebel™ Leading Edge Self Retracting Lifelines

3M Order Code	Model #	Description	Lifeline Connector
70007465076	3590540	6m Stainless Steel Wire Rope	2000178
70007460408	3590546	15m Stainless Steel Wire Rope	2000178

3590540

3M™ PROTECTA® Rebel™ Self Retracting Lifelines with Triple Action Karabiner

3M Order Code	Model #	Description	Lifeline Connector
70007460382	3590536	10m Galvanised Steel Wire Rope	2000126
70007466082	3590609	20m Galvanised Steel Wire Rope	2000126

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 We offer the most complete line of safe and effective rescue systems in the industry, trusted by safety professionals and workers globally.

3M™ DBI-SALA® High Capacity Davit

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:

Fall Arrest Anchorage
Davits offer 4 x AS/NSZ 5532 type B anchor points
- 2 anchor points for direct connection with fall arrest PPE
- 2 guided cable lifelines from a 3M™ mounted SRL.

One Front and One Back Cable Lifeline Guide
In addition to being a fall arrest anchorage, the 2 guided cable lifelines serve as:
- 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.

Winch and SRL Options
- Winch and SRL can be mounted on the mast with appropriate bracket.
- **Front or back mounting choice is possible to allow the most convenient positioning for the user**, unlike some others systems that only allow the winch and SRL to be back mounted or allowing only one fixation to the mast.

Adjustable Reach and Height
- Selection of one of the 4 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.
- Possibility of maximum height of anchorage point is 2.91 m, allowing use over most tanks edges and guardrails.

Base Options
- Fixed bases in galvanized steel or stainless steel are available to accommodate a variety of anchorage locations.
- One short reach and one long reach portable 3 piece base options allow full versatility of the systems.
- Maximum external width of long reach 3 piece base is 2.61 m, allowing the surround of very large confined space openings.

8000133

Winch and SRL sold separately

8000103

8000106

Descent & Rescue

High Capacity 5 Piece Davit Systems

3M Order Code	Model #	Description	Length	Width	Height
70804508425	8000132	Short Reach	140cm	121.3-190cm	204.2-254.2cm
70804508433	8000133	Long Reach	182.9cm	192.7-261cm	222.3-280.5cm

High Capacity Davit Arms

3M Order Code	Model #	Description	Reach	Height
70804508409	8000130	Short Reach Upper Mast Assembly	36-71cm	93-96.5cm
70804508417	8000131	Long Reach Upper Mast Assembly	68.9-111.9cm	120.9-133.5cm
70804507856	8000128	Short Reach Offset Arm	36-71cm	N/A
70804507864	8000129	Long Reach Offset Arm	68.9-111.9cm	N/A
70804503509	8000109	Universal Lower Mast Assembly (to suit 8000128 & 8000129)	N/A	TBA

High Capacity Davit Mast Extension

3M Order Code	Model #	Length
70804503533	8000112	53.3cm
70804503541	8000113	83.8cm
70804503558	8000114	114.3cm
70804503566	8000115	144.8cm

8000112   8000113   8000114   8000115
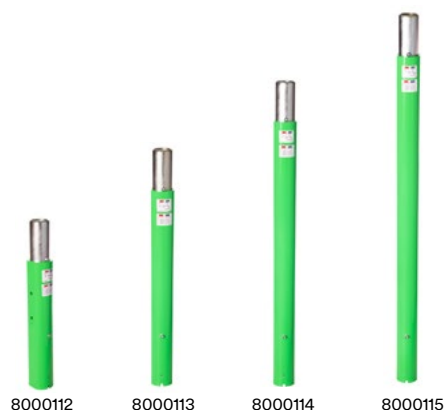
High Capacity Portable Davit Bases

3M Order Code	Model #	Description	Length	Width
70804502295	8000104	3 Piece Short Reach	140cm	121.3-190cm
70804502303	8000105	3 Piece Long Reach	182.9cm	192.7-261cm
70804503178	8000106	Counterweight with Cart	223.5-299.7cm	239cm
70804501883	8000103	Vehicle Hitch Mount	188.4-264.6cm	239cm

8000101   8000091   8000089   8000095   8000099
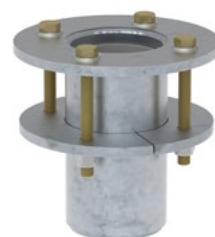
High Capacity Davit Bases

3M Order Code	Model #	Description	Material
70804498841	8000101	Wall Mount	Galvanised Steel
70804498858	8000102	Wall Mount	Stainless Steel
70804498726	8000089	Flush Core Mount	Galvanised Steel
70804498734	8000090	Flush Core Mount	Stainless Steel
70804498742	8000091	Flush Core Mount with Top Plate	Galvanised Steel
70804498759	8000092	Flush Core Mount with Top Plate	Stainless Steel
70804498783	8000095	Floor Mount	Galvanised Steel
70804498791	8000096	Floor Mount	Stainless Steel
70804498825	8000099	Deck Mount	Galvanised Steel
70804498833	8000100	Deck Mount	Stainless Steel

3M™ DBI-SALA® Tripods

Constructed of lightweight tubular aluminum with a rugged steel head assembly. Quick-release pins positively locate components at all adjustment points for tool-free setup and adjustment.

Features and Benefits:

Mechanical Devices
Supports up to three winches or SRLs for complete flexibility.

Quick-Connect Bracket
Fast and easy attachment of mechanical devices.

Safety Chain
Added support in demanding applications.

Top Mounted Pulley System
Mount up to three pulleys to route mechanical device lifelines.

Secondary Anchor Point
22 kN anchor point for secondary fall arrest system.

Aluminum Construction
Lightweight and durable for ease-of-use.

Aluminium Tripod

| 3M Order Code | Model # | Height | | Spread of Legs (Inside Shoe) | | Storage Height |
		Minimum	Maximum	Minimum	Maximum	
70804204538	8000140	172.7cm	236.2cm	111.8cm	160cm	177.8cm
70804204546	8000141	242.3cm	304.8cm	165.1cm	203.4	259cm

8003205

8003238

9503094

8005048

Aluminium Tripod Accessories

3M Order Code	Model #	Description
70007612537	9503094	Tripod Carry Bag to suit 8000140
70007612545	9503095	Tripod Carry Bag to suit 8000141
70007488649	8003205	Snatch Block Pulley Assembly for use with Tripod Eye Bolt
70007488656	8003238	Leg Mount Pulley Bracket for Tripod Leg
70007489506	8005048	Mounting Bracket to fit SRL/Winch to Tripod Leg

3M™ DBI-SALA® Advanced Digital Winches

100 series

200 series

300 series with
Power drive option

100 Series 2 Speed 4:1 & 9:1

3M Order Code	Model #	Description	Removable Handle	Power Drive
70007496816	8518560	18m, 5mm Galvanised Cable	✔	
70007496808	8518558	18m, 5mm Stainless Steel Cable	✔	
70007496568	8518566	27m, 5mm Stainless Steel Cable	✔	✔
70007496840	8518568	27m, 5mm Galvanised Cable	✔	✔

200 Series 2 Speed 4:1 & 9:1

3M Order Code	Model #	Description	Removable Handle	Power Drive
70007498192	8518586	58m, 5mm Stainless Steel Cable	✔	✔
70007498200	8518587	58m, 5mm Stainless Steel Cable	✔	✔

300 Series 2 Speed 4:1 & 9:1

3M Order Code	Model #	Description	Removable Handle	Power Drive
70007498259	8518609	88m, 5mm Stainless Steel Cable	✔	✔

3M™ DBI-SALA® Salalift™ II Winch

3M Order Code	Model #	Description
70007489712	8102001	18m, 6mm Galvanised Cable
70007491478	8102003	18m, 6mm Stainless Steel
70007489746	8102009	27m, 5mm Galvanised Cable
70007491486	8102011	27m, 5mm Stainless Steel Cable
70007489720	8102005	36m, 5mm Galvanised Cable

8102001

8510207

8512936

3M™ DBI-SALA® Winch Brackets & Accessories

3M Order Code	Model #	Description
70007928396	8510207	Winch/SRL Adapter with Flat Back to attach DBI-SALA Winch to structures
70007494225	8512936	Overload Protection Clutch, working load of 204kg

Other winch lengths available on request

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.

Fastline feature provides the user with ability to replace the lifeline in the field.

3400944

3400986

3M Order Code	Model #	Description	Lifeline Connector	Fastline
70007460093	3400955	15m, 5mm Galvanised Cable	2000180	✔
70007452025	3400956	15m, 5mm Stainless Steel Cable	2000181	✔
70007451720	3400880	25m, 5mm Galvanised Cable	2000180	✔
70007459830	3400881	25m, 5mm Stainless Steel Cable	2000181	✔
70007460168	3400985	40m, 5mm Galvanised Cable	2000180	✔
70007452157	3400986	40m, 5mm Stainless Steel Cable	2000180	✔
70804516899	3400897	25m, 5mm Galvanised Cable	2000126	✔
70804516907	3400898	25m, 5mm Stainless Steel Cable	2000126	✔
70804516915	3400957	15m, 5mm Galvanised Cable	2000126	✔
70804516923	3400958	15m, 5mm Stainless Steel Cable	2000126	✔
70804516931	3400998	40m, 5mm Galvanised Cable	2000126	✔
70804516949	3400999	40m, 5mm Stainless Steel Cable	2000126	✔

*triple action versions available on request

3M™ DBI-SALA® Emergency Retrieval Sealed-Blok SRL's Accessories

3M Order Code	Model #	Description
70007452256	3401025	Mounting Bracket

3401025

3M™ DBI-SALA® Ultra-Lok™ RSQ

Inbuilt dual mode rescue system for assisted rescue utilising the First-Man-Up™ Pole or automatic rescue mode for Self Rescue/Descent.

3M Order Code	Model #	Description	Lifeline Connector
70007463279	3504555	15m, 5mm Stainless Steel Cable	2100044

3504555

8511233

3M™ DBI-SALA® Side Entry Systems

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

8530253

3M™ DBI-SALA® Pole Hoist System

3M Order Code	Model #	Description
70007602454	8560409	1499-1956mm Extendable Pole Hoist, swivel head and hardware, includes winch bracket
70007603502	8560476	1829-3048mm Extendable Pole Hoist, swivel head and hardware, includes winch bracket
70007603551	8561235	T-Bar Leg Assemby to suit Extendable Pole Hoist
70007452405	2104550	Steel Anchor Plate with D-Ring to suit 3/8 to 1" plate steel

3M™ DBI-SALA® Self-Rescue Device

Work at height without worrying about hanging in your harness for an extended period of time after an arrested fall event. Instead of waiting for help, lower yourself to safety with the 3M™ DBI-SALA® Self-Rescue Device.

Features and Benefits:

- **Easily Accessible Primary Release Cord**

- **Easy-Link SRL Adapter**
  A simple, fast connection point for your lanyards or personal SRLs.

- **Moulded Padding**
  Protects the bag from wear and tear.

- **Colour-Coded and Reflective Elements**
  Provides greater visibility, even in dark situations.

- **Assisted-Rescue and 3M™ DBI-SALA® Rescue Pole**
  Allows for remote access and deployment by a colleague.

- **15m-30m Lengths**
  More flexibility and freedom to work at height worry-free.

- **7m Training Version**

3320030

Rescue Pole

Kit includes bag, rescue pole, carabiner and tagline.
Bag length: 72.4cm
Width: 15.2cm.
Depth: 5.8cm
Weight: 0.907kg
Pole extends to 264cm.

8900299

48.3 cm

6.3 cm

Lightweight, low profile design minimizes impact on user's motion.

3M Order Code	Model #	Description
70804108788	3320051	Self-Rescue Device 15m
70804108796	3320052	Self-Rescue Device 30m
70804108804	3320053	Self-Rescue Training Device 7m
70007650040	8900299	Rescue Pole with Bag

3M™ DBI-SALA® Rollgliss™ R550 Rescue and Descent

Keep rescues simple with one of the lightest, most compact and easy-to-use devices in the industry.

1 **Drill Adapter**
Provides a mechanical option to raise a victim.

2 **Cast Aluminum Housing**
Lightweight and extremely durable.

3 **Bi-Directional Hub**
Brings one hook up as the other goes down, for immediate use after each descent.

4 **Anchorage**
Provides greater visibility, even in dark situations.

5 **Integrated Rope Ears**
Greater descent speed control in assisted rescues.

6 **Dual Brakes**
Added security, safety and peace of mind.

7 **Durable Rope**
9.5 mm Static Kernmantle Rope.

8 **Lifeline Hook**
Patented Self-Locking Snap Hook.

Multiple Length Options

Lengths between 10 and 150m

Two-Person Capacity

Can be used from heights up to 500 m for one user at 141 kg or 175 m for two users totalling 282 kg

Drill adapter

Super-tough nylon makes the rescue wheel lightweight and durable. The ergonomic design provides a better grip and more control.

Always be rescue – ready

Be ready for at-height rescues with the 3M™ DBI-SALA® R550 Rescue System

3M Order Code	Model #	Length
70007926663	3329020	20m
70007940706	3329040	40m
70007939146	3329060	60m
70007928107	3329100	100m
70008283106	3329150	150m

3M DBI-SALA R550 Rescue Units with Triple Action Karabiners

3M Order Code	Model #	Length
AT010644881	3329010-75	10m CE with R-113 all ends
AT010644899	3329020-75	20m CE with R-113 all ends
AT010644907	3329040-75	40m CE with R-113 all ends
AT010644915	3329060-75	60m CE with R-113 all ends
AT010644923	3329100-75	100m ce with R-113 all ends
AT010644931	3329120-75	120m CE with R-113 all ends
AT010644949	3329150-75	150m CE with R-113 all end

3M™ DBI-SALA® R550 Remote Rescue Kit with Rescue Hook & Telescopic Pick Pole

3M Order Code	Model #	Length
70007941308	1907-0010	10m
70007929667	1907-0020	20m
70007938387	1907-0040	40m

3M™ DBI-SALA® R550 Escape Units

3M Order Code	Model #	Length
70007931325	3328010	10m
70008282991	3328020	20m
AT019424269	3328030	30m
70007940888	3328040	40m
70008283007	3328060	60m
70008283015	3328100	100m
70007962650	3328120	120m

R550 Rescue Kit Bag

3M Order Code	Model #
70804512245	9514746

Micro Pulley

3M Order Code	Model #
70804512591	9514753

Cable Grab

3M Order Code	Model #
70804512237	5000028

Web Strap Angled Descent

3M Order Code	Model #
70007668604	1200207

Heavy Duty Telescopic Pole with Bag

3M Order Code	Model #
70007926853	8900031

RA Edge Protector - Gen 2

3M Order Code	Model #
70804512401	3320046

Web Grab

3M Order Code	Model #
70804514274	5000032

Humidity Case

3M Order Code	Model #
70007627741	9508289

Scaffold Hook

3M Order Code	Model #
70007781860	AJ527

R550 Rescue Kit

3M Order Code	Model #
70804512252	3300005

Descent & Rescue

3M™ DBI-SALA® Rescue Positioning Device Kit

Simple yet extremely reliable rescue or positioning system designed to raise and/or lower yourself or someone else, providing a stable way to reach a working level, even in tight space.

3M Order Code	Model #	Length	M/A
70007466363	3600050	15m System	3:1
70007466397	3600100	30m System	3:1

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.

3M Order Code	Model #	Description
70007942017	SRD1-20	20 m system, SRD1 series **Also available:** 25 m and 30 m systems

M/A = Mechanical Advantage

3M™ DBI-Sala® RescueMate™ Auto Lock Haul Kits

8705104

3M Order Code	Model #	Length	M/A
70007930392	8704105	15m	4:1
70007928206	8705104	10m	6:1
70007935151	8705105	14m	6:1
70007946497	8705110	40m	6:1

3M™ DBI-SALA® Rollgliss® Karabiners

2000025   2000117

3M Order Code	Model #	Description	Gate Strength	Gate Opening
70007925079	2000117	Medium Offset D, Stainless Steel double action autolock	16kN	20mm
70007449591	2000025	Medium Parabiner, Aluminium double action autolock	16kN	19mm

3M™ DBI-SALA® Rollgliss™ Rescue Ladder

3M™ DBI-SALA® Spreader Bar

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 Order Code	Model #	Description
70007926135	E522-SB1	Spreader bar with double action karabiner connections
70007936308	E522-SB3	Spreader bar with triple action karabiner connections

Descent & Rescue

3M™ Protecta® Tripod & Confined Space Kits

3M Order Code	Model #	Description
70007932364	AM100	Tripod, 1.4 - 2.4m
70007936274	AA600AU	With Personnel Winch, includes: AM100 tripod, AT200/I20 Winch, AK0100 bag, mounting bracket and pulley. Comes with PROTECTA (AB123M) harness
70007940581	AA610AU	With Type 3 SRL, includes: AM100 tripod, 3591002 Type 3 retrieval SRL, AK0100 bag, mounting bracket & pulley

3M™ Protecta® Confined Space Accessories

AK020A1   AT052/1

3590499

3590498

AK0100

3M Order Code	Model #	Description
70007780078	AT052/1	Pulley with karabiner for use on tripod
70007464897	3590498	Fixing bracket for 3591002 retrieval SRL
70007932380	AK0100	Tripod Bag
70007635736	AK020A1	Pulley
70007464905	3590499	Mounting bracket for 50FT Rebel winch and SALA Tripod and davit

3M™ Protecta® Confined Space Rebel™ Retrieval Self Retracting Lifeline

3M Order Code	Model #	Description
70007466314	3591002	Galvanised cable, 15 m*

*When ordering the Rebel™ Retrieval Fall Arrest SRL for use with the Tripod, order the AT052/1 pulley and the 3590498 fixing bracket.

3M™ Protecta® Confined Space Rescue Winch

3M Order Code	Model #	Description
70007784153	AT200/I20	Automatic locking system, 20 m**

**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™ Fall Protection Accessories

1150174

E831

G029-10

1150414

9501403

EXOFIT NEX™

YOUR LOGO

Custom logo

AK066AU-BKP

8700225

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
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
70007424396	1150414	Suspension Seat, for use with any brand/style of harness
70007433355	1150174	Harness Hydration System
70007925137	9501403	Suspension Trauma Straps
70804401902	CL002	Custom Harness Labels
AT010644154	9598649	Draw String Bag
70007939138	AK066AU-BKP	Roofers Kit Backpack
70007947529	G029-PRO	Harness Storage Bag
70007931341	8700225	Storage Bag 25 L, yellow, small - fits approx. 50 m x 11 mm or 25 m x 13 mm rope

Fall Protection for Tools

From construction sites to oil rigs, 3M™ DBI-SALA® Fall Protection for Tools makes work environments safer and more productive by drastically reducing falling object incidents that can result in personal injury, equipment damage, and tool loss.

3M™ DBI-SALA® Attachment Points

Image to Scale

D-Rings

- D-rings can be attached to virtually any tool under 2.3 kg or 0.9 kg using our Quick-Wrap Tape
- Creates an attachment point in less than a minute.
- Dual D-rings allow for 100% tool tie-off during tool transfers.

1500005

1500007

3M Order Code	Model #	Description	Load Rating	Quantity	Non-Conductive
70007448825	1500005	D-ring 0.5" x 2.25" (1.3 cm x 5.7 cm) non-conductive	0.9kg	10 Pack	Yes
70007448841	1500007	D-ring 1" x 3.5" (2.5 cm x 8.9 cm)	2.3kg	10 Pack	No

Heavy Duty Quick-Wrap Tape

- Heavy duty 2.5 cm wide tape conforms to the shape of whatever it is applied to.
- Used with our D-Rings and Tool Cinch Attachments to create instant tethering points on virtually any tool.
- Made from a self-fusing silicone rubber that leaves no adhesive or residue behind.
- Inner fiberglass webbing increases the strength of the tape and makes the tape resistant to sharp objects.

1500174

3M Order Code	Model #	Description	Quantity	Length
70804436924	1500174	Quick wrap, yellow	1	2.743m
70804440223	1500175	Quick wrap, yellow	10	2.743m

D-Ring Cord

- Easily clinches to tools, simply pass the loop end of a D-Ring Cord through a pre-drilled hole or closed handle to create an attachment point.
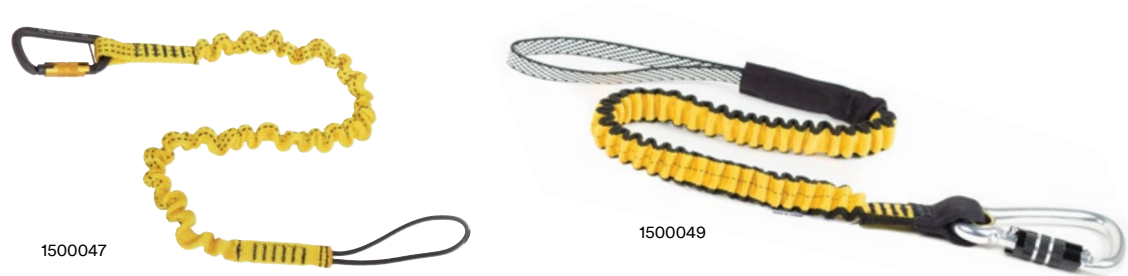- Extremely durable and reusable.

3M Order Code	Model #	Description	Load Rating	Quantity
70007448858	1500009	D-ring cord	2.3kg	10 Pack

3M™ DBI-SALA® Tethers & Lanyards

Bungee Tethers

Built to be more durable and longer-lasting than the competition, our bungee tethers are third-party load rated and thoughtfully designed to prevent dropped objects.

1500047

1500049

3M Order Code	Model #	Description	Load Rating	Length (relaxed)	Length (stretched)
70007449047	1500047	Hook2Loop Bungee Tether	6.8kg	81.3cm	119.4cm
70007449054	1500048	Hook2Loop Bungee Tether (10 pack)	6.8kg	81.3cm	119.4cm
70007449062	1500049	Medium-Duty Hook2Loop Bungee Tether	15.9kg	78.7cm	132.1cm

10.2 cm   30.0 cm

1500159

1500178

Coil Tethers

Easy to clean and out of the way—exactly what a tether should be. The lightweight vinyl construction and ultra-compact design of our Coil Tethers makes them an ideal alternative to classic bungee tethers.

3M Order Code	Model #	Description	Load Rating	Length (relaxed)	Length (stretched)
70804431230	1500159	Hook2Hook Coil Tether with Swivel	2.3kg	100cm	157.5cm
70804486085	1500178	Hard Hat Tether	1.8kg	10cm	90cm
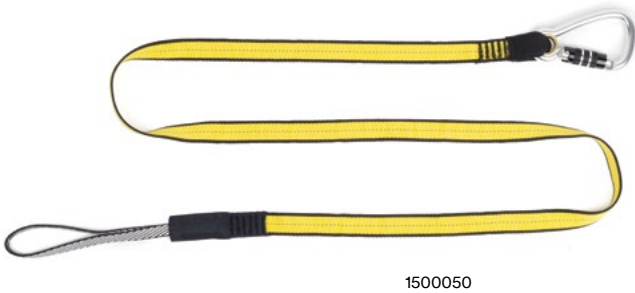
1500050

Tool Lanyards

3M Order Code	Model #	Description	Load Rating	Length
70007449070	1500050	Medium-Duty Hook2Loop Lanyard	15.9kg	182.9cm

3M™ DBI-SALA® Tool Holsters

Single and Dual Tool Holsters

- Single and Dual Tool Holsters are equipped with D-rings that are load rated for 2.3 kg.
- Several variants of these holsters come with Retractors (indicated below). Retractors are load rated for 0.7 kg.
- Single and dual tool holsters feature High-Visibility Reflectors and the Magnetic Tool Staging System.
- A bottom drain vent allows the holster to perform even in wet conditions.

3M Order Code	Model #	Description	Retractors included	Attachment
70007438982	1500104	Single Tool Holster with Retractor	1x	Harness
70007449328	1500102	Single Tool Holster with Retractor	1x	Belt
70007439006	1500107	Dual Tool Holster with Retractors	2x	Belt

1500107   1500102   1500104

Tape Measure Holster with Retractor

- Designed to be used with virtually any tape measure, or the optional tape measure sleeve, allowing tape measures to be safely tethered and holstered.
- Includes a Retractor.
- The tape measure sleeve conforms to the size of nearly every tape measure.
- Features High-Visibility Reflectors.

3M Order Code	Model #	Description	Retractors included	Attachment
70007438966	1500100	Tape Measure Holster with Retractor and Sleeve Combo	1	Belt

1500100

Scaffold Wrench Holsters

- Quickly holster scaffold wrenches while working at height.
- Features High-Visibility Reflectors.

Back of holster features pouch for Safety Retractor 1500069. Rear feed system allows retractor to tie off a scaffold wrench while staying out of the way.

3M Order Code	Model #	Description	Retractors included	Tether included	Attachment
70007438933	1500097	Scaffold Wrench Holster with Retractor and Hook2Loop Bungee Tether	1	1500047	Belt

Fall Protection for Tools

Hammer Holsters

- The Hammer Holster allows for the safe holstering of virtually any hammer under 5 lb (2.3 kg).
- D-ring on the side of the holster is load rated for 2.3 kg.
- The 1500094 combo comes with a 1500065 Hook2Quick Ring Coil Tether that is specially designed for use with the Hammer Holster. The Hook2Quick Ring Coil Tether is load rated for 2 lb (0.9 kg).
- During transport, the Hammer Holster can be locked shut with a hook and loop strap. While being used, the strap can be locked up allowing for easy hammer access and holstering.

Patent pending

Top: Hammer Holster is locked, preventing hammer from slipping out.

Bottom: Hammer Holster is unlocked, making it suitable for active use.

3M Order Code	Model #	Description	Tether included	Attachment
70007449302	1500094	Hammer Holster & Hook2Quick Ring Coil Tether	1500065	Belt

Radio Holster

- Holster adjusts to fit virtually any hand-held radio, cell phone, and many other devices.
- Can be worn from belt or harness.
- A Micro D-Ring can be placed on the back of a device, and can then be tethered to a D-ring on the front of the
- Adjustable Radio Holster using a 1500065 Clip2Loop
- Coil Tether.

Can be worn from a belt or harness.

Patent pending

1500089

3M Order Code	Model #	Description	Retractors included	Attachment
70007438891	1500089	Adjustable Radio Holster, Clip2Loop Coil Tether and Micro D-Ring	1500060	Universal

3M™ DBI-SALA® Tool Pouches

Utility and Inspection Pouches

- Features two outside pockets for storing spud wrenches and two inner pockets for storing additional tools.
- Tools can be tethered to D-rings on the inside and outside of the pouch.
- Adjustable side-release closure system helps prevent objects from falling out when the pouch isn't being used.

Small Parts Pouches

- Innovative self-closure system traps objects inside, making it nearly impossible for objects to fall out once placed in the bag.
- Easy to retrieve objects since no opening or closing is necessary.
- Compatible with most tool belts; belt loops located on back of pouch.

1500119

3M Order Code	Model #	Description
70007449484	1500132	Utility Pouch with adjustable side-release closure system

3M Order Code	Model #	Description
70007449443	1500123	Small Parts Pouch, extra deep canvas black
70007439055	1500119	Small Parts Pouch, canvas black

Standard Safe Bucket

- Built-in connection points.
- High-quality canvas load rated for 45.4 kg, and vinyl load rated for 113.4 kg.
- Integrated carabiner and hoisting strap.
- Puncture resistant.

1500134

1500140

3M Order Code	Model #	Load Rating	Closure System	Body material	Height/diameter	Capacity
70007439121	1500134	45.4kg	Hook and Loop	Canvas	38cm/31.75cm	4673.6cm³
70007439162	1500140	113.4kg	Hook and Loop	Vinyl	38cm/31.75cm	4673.6cm³

Closure systems

Every Safe Bucket features either a unique, patent-pending drawstring or a locking hook and loop closure system that acts as an extra layer of spill-protection during transport and lifting. Colourful indicator tabs provide quick visual cues to indicate whether the bucket is in lockdown mode or easy-access mode.

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.

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.

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.

M100 & M200

Get the coverage you need with this versatile new fall protection system. Available in both the M100 and M200 Series, the 3M™ DBI-SALA® Flexiguard™ Modular Jib System features a simplified design that enhances worker safety in multiple applications. Increased rail-length configurations improve working coverage while a new design facilitates easier system transport.

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.
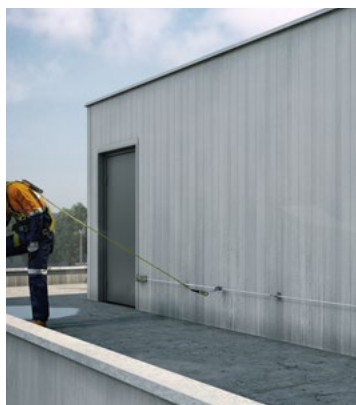
UniRail™ system.

Can be fitted to a wide range of structures and can support multiple workers for both fall arrest and rope / suspended access applications.
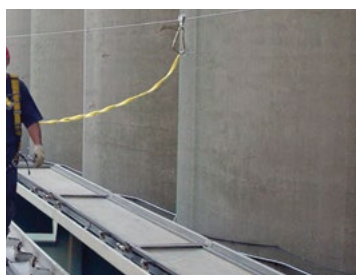
The Uni-8™ overhead system.

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

3M Australia Pty Ltd RTO Code 45498, 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.

3M Australia Pty Ltd RTO Code 45498, is accredited by the National VET Regulator, ASQA, to deliver the following nationally recognised units of competency:

NATIONALLY RECOGNISED TRAINING

- Provide cardiopulmonary resuscitation
- Provide basic emergency life support
- Provide first aid
- Undertake manual handling
- Perform inspection
- Work in accordance with an issued permit
- Enter confined space
- Operate breathing apparatus
- Gas test atmospheres
- Confine small emergencies in a facility
- Participate in a rescue operation
- Undertake vertical rescue

- Work in a team
- Work autonomously
- Confine small workplace emergencies
- Conduct local risk control
- Apply risk management processes
- Enter and work in confined spaces
- Work safely at heights
- Perform pole top rescue
- Perform EWP rescue
- Perform tower rescue
- Perform rescue from a live LV panel
- Perform EWP controlled descent escape

3M.com.au/ppesafety

Comprehensive training, when and where you need it
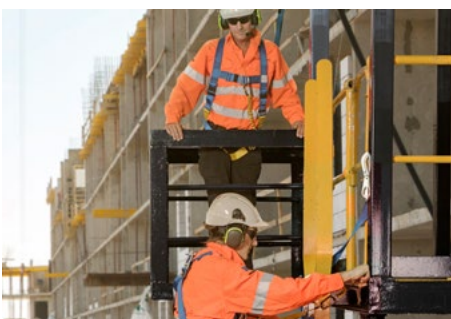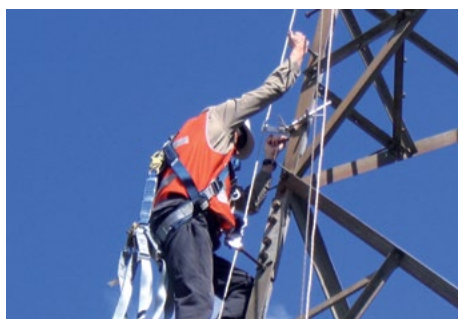
We've got your back

3M Fall Protection is dedicated to bringing workers home safely. Our focus 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 engineers to create innovative solutions and patent the products that keep workers safe at heights around the world. 3M Fall Protection offers its customers the quality products, expertise and service of the trusted 3M™ DBI-SALA® and 3M™ Protecta® Fall Protection Brands.

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. 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.

"Dedicated to bringing every worker at height home safely"

Fall Protection
Australia
Website

Fall Protection
New Zealand
Website

Fall Protection
Demo Trailer

Contact Us

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

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 (TICs) 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. TICs 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.
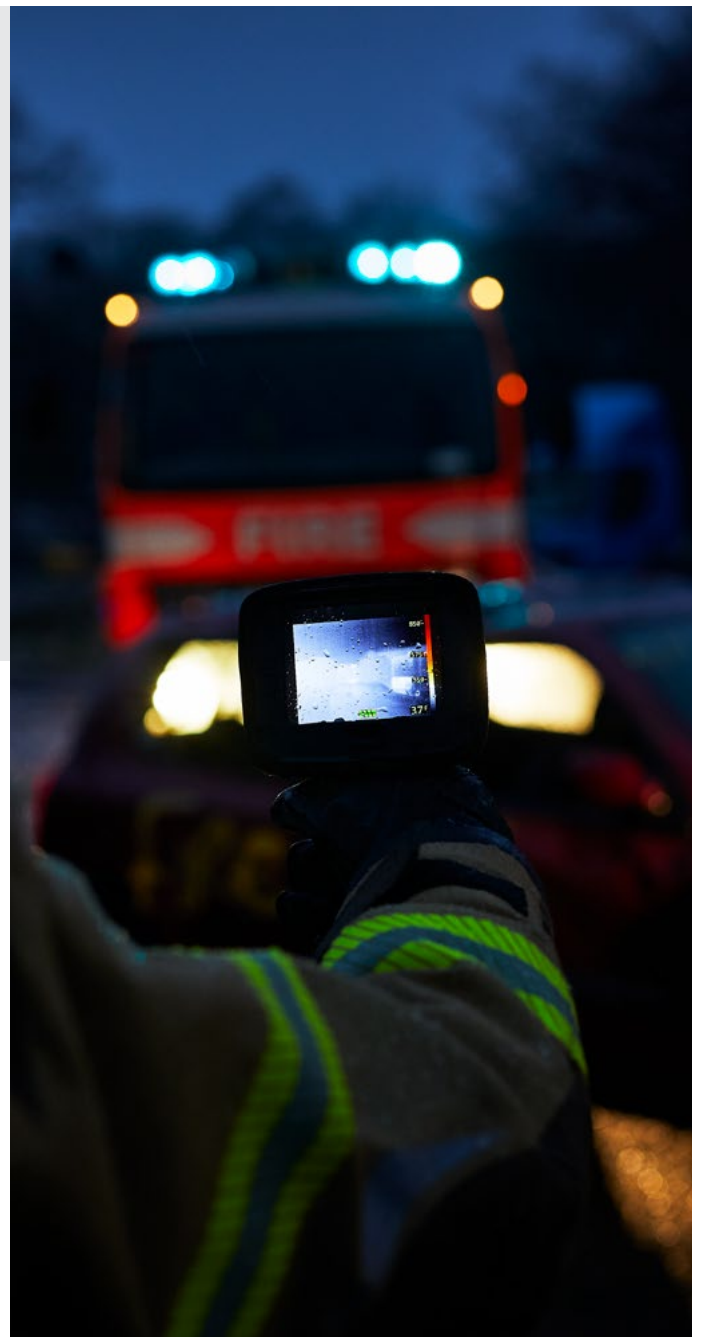
3M™ Scott™ V320 Thermal Imaging Camera

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
AT010787995		V320 25HZ TIC Kit in hard carry case
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
78815125022		KIT, TIC Truck Holder V-SERIES

3M

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