

**3M** Science.  
Applied to Life.™

Workplace Safety

**Our science,  
your safety.**

Solutions for workplace safety that create a confident, healthy, and motivated workforce. When your environment is safe and organised, compliance is easy.

**Bring it on.**



“ **€476 billion** ”

estimated cost of injuries and ill health from current working conditions (2018).<sup>1</sup>

“ In the UK ”

**609,000**

non-fatal injuries occurred at work.<sup>1</sup>

“ **31.2 million**  
**working days lost** ”

due to work-related illness and workplace injury.<sup>1</sup>



## Powered & supplied air respirators



**3M™ Versaflo™ Powered Air Turbo TR-300+** combines performance, protection and functionality with modern, stylish design and comfort. It is the key to easy-to-use, versatile, respiratory protection systems for particulate environments.



**3M™ Versaflo™ Faceshields M-200 Series** feature lightweight, compact and well-balanced faceshields that can offer integrated protection from a range of respiratory, head, eye, face and hearing hazards.



**3M™ Versaflo™ Supplied Air System V-Series**  
The modular range of supplied air respirators lets you choose how you want your system built, with the flexibility to change it in the future. The 3M™ Versaflo™ Supplied air regulators offer protection against dust, mist, fumes, gases or vapours and combination hazards e.g. paint spray. Supplied air regulators do not offer protection in confined spaces, oxygen deficient atmospheres or for asbestos stripping.



**3M™ Versaflo™ Helmets M-300 Series** feature lightweight, compact and well-balanced helmets that can offer integrated protection from a range of respiratory, head, eye, face and hearing hazards. M-300 Series helmets meet the highest respirator performance requirements (TH3) for this type of product when used with specific 3M™ Air Delivery Units.



## Which should I choose?

### A powered air system?

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

### A supplied air system?

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

## Communication solutions



### 3M™ PELTOR™ ProTac™ III Headset

helps protect against harmful noise, whilst allowing ambient sounds to be heard at a level below 82dB. It increases your ability to communicate with nearby colleagues, as well as hearing warning signals, approaching vehicles, or sounds in machines and processes.

### 3M™ PELTOR™ LiteCom Headset

Communicating in noisy environments has been made easy – and safe. LiteCom is a tough and rugged headset designed to cope with demanding use in many different working environments. The built-in two-way radio has got 8 channels with 38 subchannels, and has a range of up to 3 km. It lets you talk hands-free and work safely regardless of harmful noise levels.



## Hearing protection



### 3M™ PELTOR™ Earmuffs X Series

Developed on the basis of design, comfort and attenuation techniques. This range sets a new standard for over-the-ear protection. The PELTOR X3 earmuffs are the first of our range of products to utilise a newly designed spacer to help improve attenuation without the need for double cup design, thus increasing the space inside the cup for greater comfort and wearability.

## Eye protection



**3M™ SecureFit™ 400 Series** has a rimless lens and wide flexible temple arms for solid side protection and can be used in combination with ear muffs. Temples also feature 3M™ Pressure Diffusion Temple Technology (PDT) which allows the safety spectacle temples to naturally adjust to individuals' head sizes giving wearers a secure and comfortable fit. Reduces slippage from head movements. Soft, adjustable nose pads for even greater personalisation of fit. They are available in 5 lens options.



**3M™ SecureFit™ 600 Series.** Designed for maximum comfort, fit and clarity, so they stay on and wearers stay protected. A host of options means that there is the right version for any situation – lens colour choices, anti-scratch or 3M™ Scotchgard™ Anti-Fog Coating, Pressure Diffusion Temple (PDT) technology for security and comfort, foam gasket, and more.

## Disposable particulate respirators



### 3M™ Aura™ Flat Fold 9300+ Series

has an ergonomic, flat-fold, 3-panel design featuring a low breathing resistance filter media. Available in FFP1, FFP2 and FFP3 protection levels, and with valved and unvalved models, our respirators feature an innovative chin tab for easy adjustments and an embossed, sculpted upper panel to help reduce eyewear fogging.



**3M™ Particulate Cup Shaped Respirator 8825+ and 8835+ Series** have been engineered to help improve fit to wearer's individual face shape and size. With a robust shell and cup design, these respirators meet the particular requirements of the clogging test for FFP (filtering face piece) respirators and is EN 149 'R' rated which means that they may be used for more than one shift.





## Reusable respirators

### 3M™ Maintenance Free Reusable Respirators 4000 Series

With no parts assembly or maintenance required this simple, lightweight, well balanced respirator offers reliable respiratory protection against a range of gases, vapours and particulates typically found in a variety of industries. A unique bonded carbon technology allows the respirator to sit close to the face and fit well under many other types of protective equipment, providing an undisturbed field of vision and a more comfortable worklife.



### 3M™ Reusable Half Mask 7500 Series

A new standard in comfort. This facepiece was designed with the wearer in mind. Its soft sealing surface, along with the unique 3M™ Cool Flow™ Valve, enhances wearer comfort and face fit. Reduced breathing resistance helps to minimise heat build-up in the mask and increases your comfort.

## Welding protection



### 3M™ Speedglas™ Welding Helmet 9100 MP

Uncompromising, all-in-one, welding protection for highly demanding environments. Integrating five levels of welder protection: head, eye, face, respiratory and hearing into one extraordinarily comfortable and easy-to-use system.



### 3M™ Speedglas™ Auto-Darkening Filters

Outstanding optical quality, including uniform shading and minimal distortion across the entire filter viewing area. By selecting just the right setting for each task, you can reduce eye strain and improve the quality of every weld.

## Protective apparel



### 3M™ Protective Coverall 4535

provides a superb balance of comfort and protection. The front is made from a soft non-woven robust 60gsm material, with a microporous laminate for enhanced splash protection, combined with a SMMMS back panel for increased breathability. The 3M protective coverall 4535 acts as a barrier to limited liquid splashes and hazardous particles

## Head & face protection



### 3M™ Safety Helmet G3501 Series

Designed to protect your workforce in extreme environments. Compliant with EN397:2012, the high heat helmet delivers peace of mind to its users for many typical applications.

“40% of workers incorrectly select or use PPE\*”



## Grinding



### 3M™ Cubitron™ II 982 C Fibre Discs

Featuring stiff fibre backing, ultra-strong resin and 3M™ precision shaped grain for an unrivalled cut rate and durability. Use for a variety of applications including edge chamfering, bevelling, weld removal, mill scale, surface imperfections and more.



### 3M™ Cubitron II™ Depressed Center Grinding Wheel

is constructed of 3M precision-shaped ceramic grain to offer a fast cutting and long lasting rigid bonded wheel. Our grinding wheels are specially formulated for use on stainless steel, mild steel, and aerospace alloys.

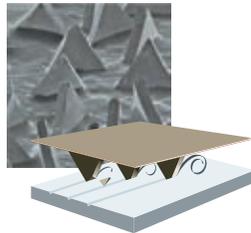
## Cutting



### 3M™ Cubitron II™ Cut off Wheels

Featuring 3M precision-shaped ceramic grain for an exceptionally fast cutting and long lasting wheel for use on almost all materials. Our cut-off wheels surpass other wheels in both performance and longevity, delivering significant gains in productivity.

## CUBITRON II



### 3M™ Cubitron II Abrasives

Delivering fast cut rates and long service life thanks to the use of 3M precision-shaped grain. As this engineered shaped grain wears, it continuously fractures to form sharp points and edges that slice through metal substrates, delivering fast cutting action compared to conventional abrasives.

## Finishing



### Scotch-Brite™ Hookit™ Backed Surface Conditioning Disc SC-DH

A tough non-woven nylon web impregnated with resin and mineral throughout. Our SC discs are suitable for deburring, finishing, cleaning and small weld removal applications. The centre pin system ensures the disc is easily located centrally on the back up pad to reduce vibration.

## Accessories

### Scotch-Brite™ Centre Pin Hook and Loop Back Up Pads

Utilising a small raised centre pin to easily locate Scotch-Brite™ Surface Conditioning Discs. The centre pin is designed not to interfere with normal applications whilst helping to centralise and secure the disc.

### 3M™ Ribbed Back Up Pad

Specially designed to deliver the optimum performance when using Cubitron II fibre discs in heavy grinding applications.

**3M™ Cubitron™ II Fibre Discs offer less wear and tear on your operators, as well as an increase in materials removed. This also reduces worker fatigue, because they have to apply less pressure to achieve the same result.\***



## 3M Complete Floor Marking System



### 3M Lane Marking and Hazard Warning Tapes

A tape for every job – whether you're marking a wall, a pipe, or a loading dock, 3M has the right product durability, flexibility and vibrant colour you need to help maximise your workflow, safety and factory or warehouse appearance.

#### 3M™ Vinyl Tapes 764i, 766i, 767i

Economical general purpose safety marking tapes.

#### 3M™ Vinyl Tapes 471, 5702, 5700

High performance, reliable, highly visible, highly versatile marking tapes.

#### 3M™ Vinyl Tape 5S Color Coding Starter Pack

A versatile and multi-use combination pack consisting of eight separate and distinctive coloured tapes.

## Extreme sealing tapes



### 3M™ Extreme Sealing Tapes

Sealing without dripping or oozing which could cause accidents. Immediate bond with no drying time, oozing, or clean up.

From rain gutters to flashing and vents, rooftops to underground cable enclosures, 3M extreme sealing tape ensures a quick and robust bond. It creates water tight seals and sticks on contact to numerous substrates without drying time, dripping, oozing or mess.

#### 3M™ Extreme Sealing Tape 4411 – 1.0mm

#### 3M™ Extreme Sealing Tape 4412 – 2.0mm

## Masking tapes



### 3M™ Masking Tapes

No matter what your taping challenge, industry or application is, there's a 3M masking tape solution that's right for you.

#### 3M™ Masking Tape 101E

Suitable for a wide range of professional applications.

#### 3M™ Masking Tape 201E

Designed for general use in industrial applications with a slight need for temperature and water resistance.

#### 3M™ Masking Tape 301E

Performance industrial masking tape.

#### 3M™ Masking Tape 401E

High performance industrial masking tape.

#### 3M™ Masking Tape 501E

Specialty high temperature industrial masking tape.

#### 3M™ Masking Tape 244

This tape can be used for a wide range of masking applications, including indoor and outdoor use.



“3M has an extensive range of industrial products, which makes it far simpler to source most of what we need from a single supplier”  
– Colin McCann, Paint Shop Manager, Bombardier

# Achieving an organised, safer and more productive workplace



Adhesives and tapes

## Reclosable fasteners



### 3M™ Dual Lock™ Reclosable Fasteners

Unlock simplicity, super strength and ultimate ease. The remarkable 3M™ Dual Lock™ Reclosable Fastener can be opened and closed up to 1,000 times before losing 50% of its original strength, for repeated access or repositioning. The mushroom heads easily slide over each other allowing positioning of parts before they are snapped together to create a firm fastening attachment. When mated, the fasteners are hidden from view and leave you with an unbroken surface for a smooth, clean appearance.

### 3M™ Dual Lock™ SJ3540

Bonds well to plastics and powder coated paints. Indoor use.

### 3M™ Dual Lock™ SJ3550

Bonds well to metals, acrylic, PP, ABS and paints. Indoor and outdoor use.

### 3M™ Dual Lock™ SJ4570

Half standard thickness. Indoor and limited outdoor use.



### 3M™ Hook and Loop Fasteners

An easy alternative to zippers, screws, snaps, hooks, bolts and more. The black nylon hook and loop is backed with a high-performance pressure sensitive rubber adhesive. It offers greater design flexibility, faster product assembly, smoother and cleaner exterior surfaces and improved performance in many applications.

### 3M™ SJ3526 Nylon Hook Fastener

### 3M™ SJ3527 Nylon Loop Fastener

## Panel, frame, stiffener & trim bonding



### 3M™ VHB™ Tapes

A strong, fast and easy way to create durable and reliable bonds. 3M VHB Tapes open up a world of possibilities; eliminating rivets, screws, bolts and welds. With unmatched strength, these tapes increase the overall durability and reliability of every product bond.

### 3M™ VHB™ Tape 5952

Demanding surfaces.

### 3M™ VHB™ Tape 4910

Transparent materials.

### 3M™ VHB™ Tape GHP-110GF

High temperatures and general purpose.

## Reclosable Fasteners

Unlock simplicity for less.  
Ease of application reduces risk of accidents.  
No need for drilling, screwing or welding.

