


3M Science.
Applied to Life.™

Keeping your
workers safe, and
productivity high.

Bring it on.

Our science,
your safety.





**Investing in solutions,
systems, processes
and training is all part
of creating a safe and
compliant working
environment.**

At the same time, businesses are under pressure to increase their productivity and profit. Implementing health and safety whilst improving worker productivity is a delicate balance, and must be managed effectively to ensure positive future growth.



A visual workplace is a productive and safe workplace.

Putting measures in place to ensure your workplace is safe can help workers save time, avoid injury and improve productivity. 31.2m working days were lost in 2016/17 due to injuries and work-related illnesses.¹

It's important that workers and managers can do their jobs safely. You can help create and maintain a more efficient, productive and safe workplace using 3M solutions. With tape applications for safety marking, colour coding and hazard warning. Think of your workplace clear of clutter, with visual cues that help the communication of information to employees.

The 3M™ Vinyl Tape 5S Color Coding Starter Pack can help you to implement the 5S system effectively through floor marking and safety identification.

When compared to painting, 3M™ Vinyl Tapes and 3M™ Safety Stripe Tapes are easier to apply. They require minimal downtime of the production area, therefore increasing staff productivity.

In addition, the benefits of using vinyl tapes in floor marking are that they are extremely durable and easy to remove from most surfaces, if required.

Protect the health and safety of your workers whilst increasing productivity.

When it comes to using equipment in the workplace, the types of products used can also have an impact on worker health as well as productivity.

In cutting, sanding or grinding operations for example, belts and discs that cut faster and remove more material with the same amount of effort can remove process steps or increase output, leading to overall higher productivity.

“Because Cubitron II belts cut faster, nearly all operators report that much less pressure (on the equipment) is required throughout the life of the belt.”²

Aerospace Parts Manufacturer

● 3M Cubitron II Abrasives ● Comp A Tier ● Comp B Tier



*Graph Source: UK Cubitron II Product Range Brochure

The red line demonstrates the speed that the Cubitron II abrasives at compared to its competitors in black and grey.

It's technology that makes the difference here. 3M's precision-shaped grain uses 3M micro replication technology to form sharp peaks that easily "slice" through metal — cutting cooler, faster and lasting longer than conventional abrasive grain, which tends to 'plough' through the metal, causing heat to build up in the workpiece and the abrasive — resulting in a slower cut and shorter disc or belt life.

Featuring precision-shaped grain technology means that 3M™ Cubitron™ II Abrasives require less pressure, therefore helping to reduce operator fatigue and risk of hand-arm vibration syndrome.



Comfortable PPE impacts efficiency.

Personal Protective Equipment (PPE) is said to be considered as the last line of defence in terms of workplace safety. Nevertheless, it's important to consider the impact poorly chosen PPE has on your workers.

40% of employees incorrectly select or use PPE.³

Although there are strict rules around when and where PPE should be worn, it can be a challenge for workers. In fact, heat, bad fit and skin irritation are big factors in PPE compliance. In a 3M survey, comfort and compatibility were cited as the main reason for not wearing PPE.⁴ The working environment, the PPE and the user's own physical aspects can all influence this.

If your workers feel restricted, distracted or simply not protected in their work by PPE, it can lead to a reduction in workforce morale and lower productivity, as well as wasted PPE.

Consider PPE that is specifically designed to be more comfortable, that can be adjusted to an individual's different face and head shape, uses materials that are kinder to the skin and sensitive areas, and can be worn an entire shift without discomfort.

The advantages are that workers have more confidence in their PPE, are more compliant in wearing it and better equipped for productivity.

3M's solutions focus on exactly this, using pressure diffusion technology in safety glasses for example, and creating PPE that is designed to be worn together.





Productivity through training and fit-testing.

Safety and productivity starts with identifying and assessing the hazards, selecting the right products, and ensuring workers receive effective training in how to use and maintain their PPE.

Whether you are part of a large, complex international company, or a small locally owned business, you need a trusted, reliable resource that you can turn to for help with critical health and safety knowledge.

At 3M, we can deliver a broad array of training and educational experiences online, at our site, or at your facility or plant, to help safety managers, business owners and workers stay connected, compliant, safe and productive.

To ensure your workforce is fully protected, it is essential that their PPE fits correctly. We offer fit-testing for respirators, as well as testing for ear plugs and earmuffs.

3M has been a leader in advancing the concept of fit-testing for both hearing and eye protection. Being able to fit test your PPE helps with compliance and, because workers are more comfortable and happy, it can result in increased morale and productivity.

3M is a global science-based innovation company that develops products to help serve your workplace safety needs. Your workers' happiness, safety and efficiency, is at the heart of what we do. With all the solutions combined, you are improving workplace safety, boosting morale, ensuring compliance and equipping workers for increased productivity.

Sources:

1. <http://www.hse.gov.uk/statistics/>. 2. 3M Shaping the future 3MTM Cubitron™ Abrasive Belts. 3. HSE report RR720 "Real world use and performance of hearing protection." 4. 3M Science of Safety Webinar Series: www.3m.co.uk/soswebinars. 5. Study conducted by Victoria Joang and Ajdin Sadiković, Lund University Faculty of Engineering in Sweden.