3M Science. Applied to Life.™

3M Solutions for the Chemical Industry

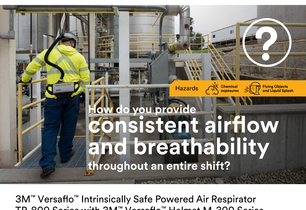
Bulk Raw Chemical | Specialty Chemical | Agricultural Chemical | Consumer Chemical Products

Most Common Hazards in Chemicals Manufacturing

- **Chemical exposures** (including airborne particulates, gases & vapours)
- **Exposure to noise**
- **Working at heights**
- **Confined Space**
- **Flying Objects and Liquid Splash**
- **UV IR VIS Light** (welding arc)

Where can 3M solutions help you win?

- **Turnarounds & Maintenance (TAM)**
- **Operations**
- **Emergency Response** (on-site/in-plant)



Hazards: Chemical exposures | Flying Objects and Liquid Splash

How do you provide consistent airflow and breathability throughout an entire shift?

3M™ Versaflo™ Intrinsically Safe Powered Air Respirator TR-800 Series with 3M™ Versaflo™ Helmet M-300 Series

Adjustable Air Flow
Powered Air Respirators are battery/motor powered, rather than using the power of the wearer's lungs.

Long-lasting batteries
A battery / motor pulls in air through a filter, then pushes the filtered air to your headtop - workers breathe more easily.

Are you looking for respiratory protection which is intuitive to use, comfortable to wear & reassuringly reliable?

Hazards: Chemical exposures

3M™ Secure Click™ Reusable Respirator HF-800 Series

Packed with **innovative** features, the 3M™ Secure Click™ Reusable Half Mask HF-800 Series is 3M's **next generation** of **reusable respiratory protection**.

Hear it | Check it | Feel it | Say it

Do your workers complain about their face mask being hot and uncomfortable?

Hazards: Chemical exposures

3M™ Aura™ Particulate Respirator, FFP3, Valved, 9332+Gen3

3M™ Cool Flow™ Comfort Valve helps to increase wearer comfort

Embossed upper panel helps reduce eyewear fogging

3 panel, flat fold respirator fits a wide range of face shapes and sizes

Why choose goggles?

In some instances, goggles might help provide more protection than safety glasses from impact, liquid droplets and dust particles making goggles the protective eyewear of choice for safety managers.

Hazards: Flying Objects and Liquid Splash

3M™ GoggleGear™ Safety Goggles 500 Series are often used in applications involving liquid droplets and large dust particles.

Scotchgard™ Anti-fog coating for fog and abrasion resistance

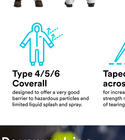
Wide flexible nose area to fit well with half-mask respirators

Comfortable & versatile

Spherical curved lens design for optimal horizontal and vertical field of vision

How can you help keep workers protected against chemicals, liquid sprays and particles while keeping them cool and comfortable?

Hazards: Chemical exposures | Flying Objects and Liquid Splash



3M™ Protective Coveralls 4565

provide a **strong barrier to certain chemicals, liquid sprays and particles**.
The nonmicroporous coveralls offer **chemical protection** with permeation tested resistance and is certified to EN 14126 biological agents.

Type 4/5/6 Coverall designed to offer a very good barrier to hazardous particles and limited liquid splash and spray.

Taped seams across the suit for increased hold cut and strength reducing the risk of tearing and exposure.

Anti-static coating EN 1149-5 reduces static discharge and the risk of sparks.

Do you work in a noisy environment?

Hazards: Exposure to noise

3M™ PELTOR™ LiteCom Plus Headsets are our **robust hearing protectors to help you communicate** even **more efficiently in noisy environments**.

up to 32 dB Noise reduction

- Available in **headband and helmet** mounted models
- **Noise cancelling** dynamic **microphone**
- A built-in **analogue two-way radio**
- **Level** dependent functionality for **ambient listening**

3M

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