

3M Science.
Applied to Life.™

3M Personal Safety Division

European Product Catalogue 2019/2020.



3M is an innovative, global science-based company that is focused on developing products that improve people's lives in a multitude of ways. 3M technologies developed can be found all around you. From in your home and office to in hospitals, doctor and dentist offices, your computer, your car and even in your phone, 3M helps people and business in hundreds of ways every day. Our inventions can be found in the roads, trains, and airplanes.

Our company is centered around a culture of innovation. We foster an atmosphere that provides our employees 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, while looking after our people, our communities and our planet.

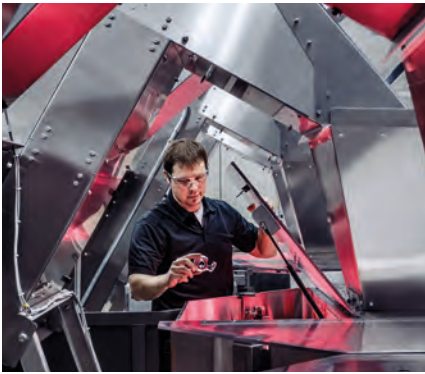
Founded in 1902, we have a proud history as a company that strives to be ethical and innovative. From science that works behind the scenes in products you use every day and technology embedded in processes that help industries thrive to tangible products we use every day, the science provided by 3M can be found in many aspects of our lives.

We live our motto every day.
3M. Science. Applied to life.

About 3M

A culture of innovation

We act differently because we embrace a culture that encourages us to think differently. It's what pushes us forward and ensures that we stay at the forefront of scientific technology.



Investing in innovation

As a world leading innovation company we are constantly looking for new ways to support our customers. Over the past five years we have invested \$8.5 billion (approximately six per cent of our global revenue) back into research and development. One third of our sales come from products that didn't exist five years ago - testament to the strength of our innovation.



The McKnight Principles

No one shaped 3M's culture more than William McKnight, who was hired in 1907 as a bookkeeper and eventually become president and chairman.

He left a legacy called the "McKnight Principles," which boil down to this: "Hire good people and leave them alone."



Creative freedom

It was McKnight who, more than six decades ago, encouraged 3Mers to spend 15 percent of their time exploring their own ideas and projects.

Our 15 percent culture is alive and well today, and has led to some of our most ingenious inventions. This helps maintain an enthusiasm to find new solutions to the challenges facing our customers.

This culture is what lies behind thousands of products that 3M have introduced over the years.

About 3M

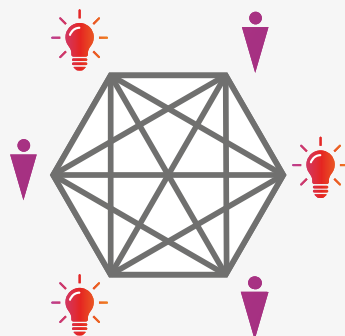
51 technology platforms

Our 51 core technology platforms, ranging from adhesives and abrasives to sensors and electronics materials, drive innovation across our business. Individual business groups draw upon these core technologies to develop products for targeted markets.

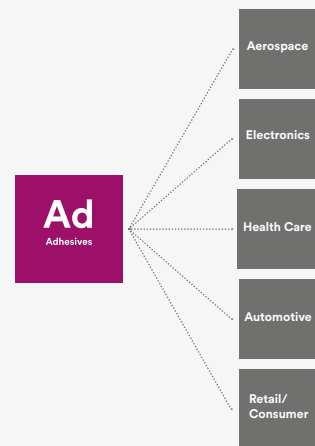
Connected thinking

A spirit of collaboration underpins everything we do. As a community of innovators, we are constantly connecting people with knowledge and experience from different fields to answer our customers' challenges. At the same time our 46 technology platforms allow us to apply science from one area to advance another. From unexpected market applications, to the limitless possibilities of merging different technologies.

Connecting people and ideas



Applying technologies across different markets



Blending technologies



Ab Abrasives														
Ad Adhesives	Em Electronic Materials											Di Display Components	Hd Healthcare Data Management	
Bi Biomaterials	Fi Films	Nw Nonwovens									Ms Modeling & Simulation	Ac Acoustic Management	Ec Energy Components	Lm Light Management
Ce CeramicsF	Fl fluoro-materials	Pm Performance Materials	Am Additive Manufacturing	Pc Precision Coating & Web Processing	Rp Radiation Processing	An Analytical Science	Pr Process Design & Control	Cv Computer Vision	Ro Advanced Robotics	Bd Biodetection & Microbial Management	Eg Engineered Graphics	Mf Mechanical Fasteners		
Co Advanced Composites	Mm Metamaterials	Po Porous Materials & Membranes	Mo Molding	Pd Particle & Dispersion Processing	Su Surface Modification	Cp Converting & Packaging	Sd Sustainable Design	Ds Data Science & Analytics	Se Sensors	Cs Connected Systems	Fe Flexible Electronics	Sw Skin & Wound Management		
Do Dental & Orthodontic Materials	Nt Nano-technology	Rm Release Materials	Mr Micro-replication	Pp Polymer Processing	Tf Thin Film & Plasma Processing	In Inspection & Measurement	We Accelerated Weathering	Es Electronic Systems	Ss Software Solutions	Dd Drug Delivery	Fp Filtration & Purification	Tm Thermal Management		

Materials

Processing

Capabilities

Digital

Applications

3M Personal Safety Division

Services

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

Fit testing is key

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. We know that everyone is different and in order to get the best protection it is crucial that they know how to correctly fit and wear their personal protective equipment.

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 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. A Respiratory Fit Check guide is available on **page 23** of this catalogue.



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

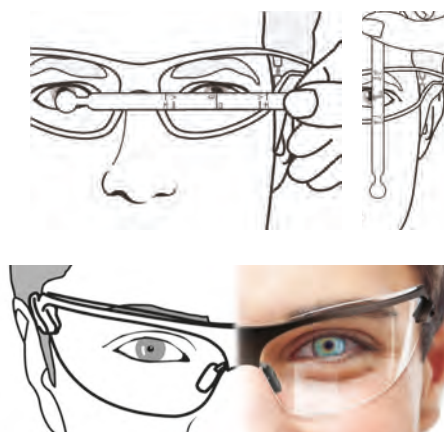
As the leader in hearing protection, 3M offers a complete solution, with dual-ear and earmuff testing capabilities plus a user-friendly interface. The 3M™ E-A-Rfit Dual-Ear Validation System is the fast and easy way to find your employees' PAR, because we know how important it is to make your hearing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

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



3M™ Eyewear Fit System

When it comes to eyewear, a comfortable, well-fitted workforce is likely to be more effective. Current standards suggest careful consideration should be given to eyewear fit, however there is no specific guidance on how to evaluate eyewear fit on an individual. In view of this, 3M have developed the Eyewear Fit System, a simple 6 step method, designed to help select the best fitting eyewear for an individual.



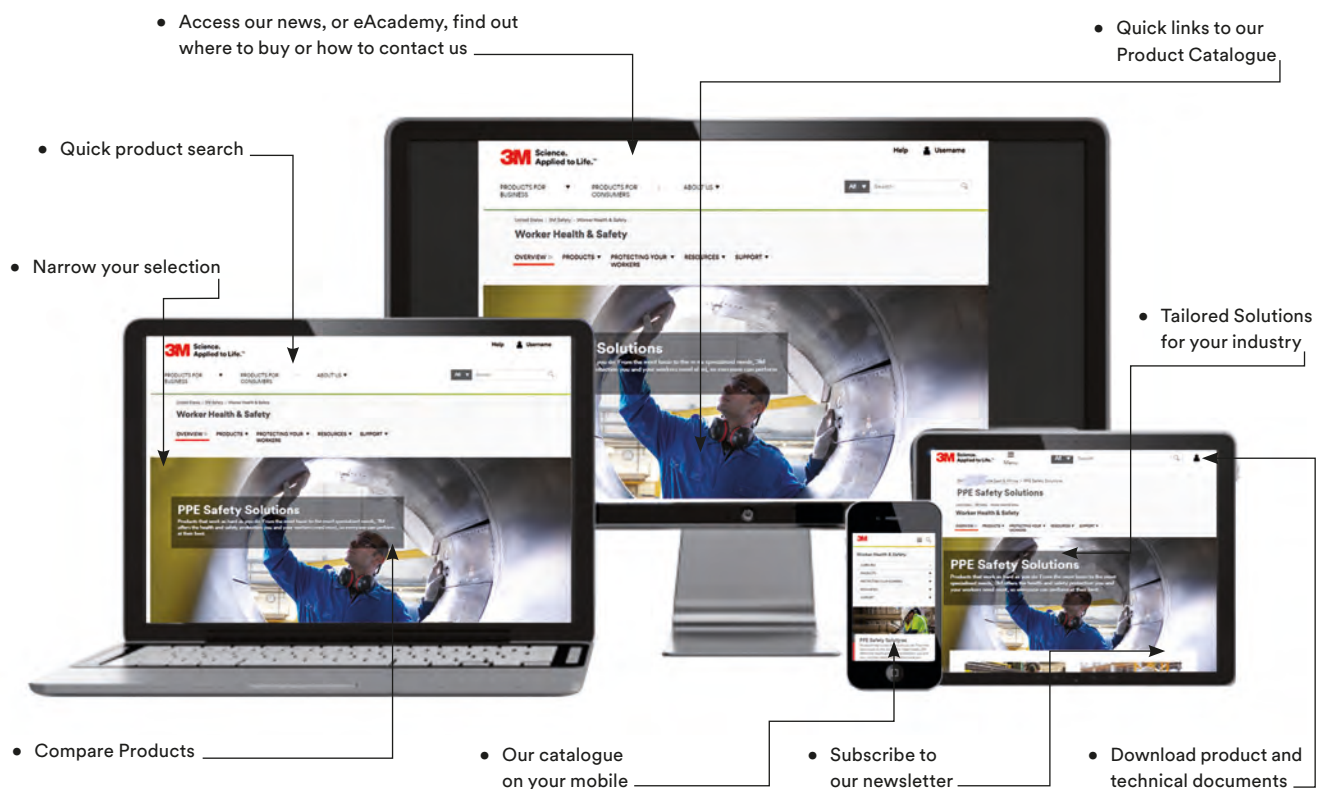
Find out more by contacting your 3M Personal Safety Sales Representative.

3M Personal Safety Division

3M Online

A selection of downloadable and printable documents are available online, such as selection tools, fit test guides, and guidance on the importance of protection. From our website you will be able to access product information, with market area specifications, to help select the right personal protective equipment for the right environment. You will also be able to discover webinars by experts concerning health and safety in the workplace as well as our own eAcademy.

Everything in one place, on your computer, laptop, tablet or mobile.



3M PPE Safety Solutions

Subscribe to our channel on YouTube to watch customer testimonials, technical support or product information videos.

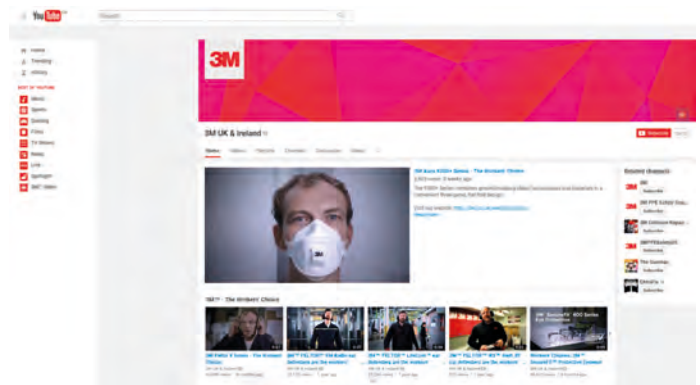
Visit www.youtube.com/user/3MPPESafetySolutions

You can also:

Find us on Facebook



or Follow us on Twitter



3M Personal Safety Division

Science of Safety

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



Selection



Training



Fit validation

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 and comfort are to the health and wellbeing of your workforce.

For more information visit www.3M.eu/SoS

40%  **of employees incorrectly select or use PPE**

Source: HSE Research Report RR720 'Real world use and performance of hearing protection'

H&S officials

and employers have a duty to provide the correct safety equipment and training.

Maintaining consistency in this arena can prove difficult, hindering the health and safety process.

Many companies don't have the ability to test whether PPE fits the employee properly.

Employees are at risk of damaging their health long term which may lead to an increase in liability for employers.



3M Personal Safety Division



Why partner with 3M for your health and safety?

3M can deliver consistent quality around the world

Our industry-leading approach embraces best practice on a global level



Selection



Training

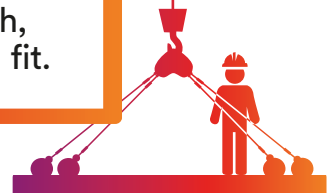


Fit validation

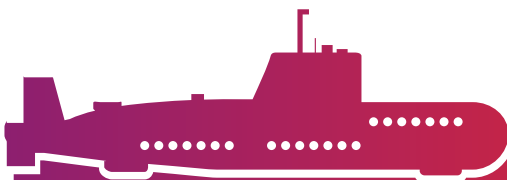


3M PPE equipment

industry-leading breadth and depth, helping to optimise protection and fit.



3M can give local support and advice wherever you do business



www.3M.eu/SoS

#3MScienceOfSafety

3M Personal Safety Division

Productivity

We don't only aim to improve the safety of our customers, we also want to help them keep costs down. Our products are designed to last and to provide more efficient protection, but they can bring efficiencies in other ways.

PELTOR™

As many supervisors know, efficient on-site communication can save a lot of time throughout the duration of a project. Recently, a study by Lund University Faculty of Engineering in Sweden showed that downtime and interruptions were reduced by 19% when two-way radio communication headsets were used. A single construction worker gained 380 minutes of productive time per week.

The study was conducted by Victoria Joang and Aidin Sakikovic, two researchers from Lund's graduate program in civil engineering. They compared two work weeks on one of Skanska's major water main projects in Sweden, analysing similar work activities during each week. In the first week, the workers did not use two-way radios. In the second week, they were equipped with 3M™ PELTOR™ WS™ LiteCom Headsets, which have a built-in two-way radio and a Bluetooth® wireless technology mobile phone connection.

Detailed follow-up interviews showed that the big advantage was being able to quickly relay and receive messages on the job, especially on large construction sites where eye contact is not possible. Improved team spirit was another reported benefit.

Speedglas™

Another example of efficiency can be seen in our Welding portfolio, where, by using a 3M™ Speedglas™ Welding Helmet with auto-darkening filters, companies can save up to 1€ per hour.

We have created a Return on Investment calculator for the welding portfolio, where you can input all your numbers to see how much your company would save by using these auto-darkening filters. From this we have calculated that a company with low salary costs who have previously not used an auto-darkening filter, would be able to save 75 euro cents per hour per worker by using almost any auto-darkening filter. So if they had 100 workers, all wearing an auto-darkening filter, 5 days a week, for 8 hours they would make a weekly company saving of 3000 euros.





Protective Eyewear Solutions

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 anti-scratch, anti-fog/anti-scratch or optional Scotchgard™ Anti-Fog/Anti-Scratch Coatings. All products are approved to EN166 and are CE marked.

3M™ Protective Eyewear

3M™ Eyewear Fit System

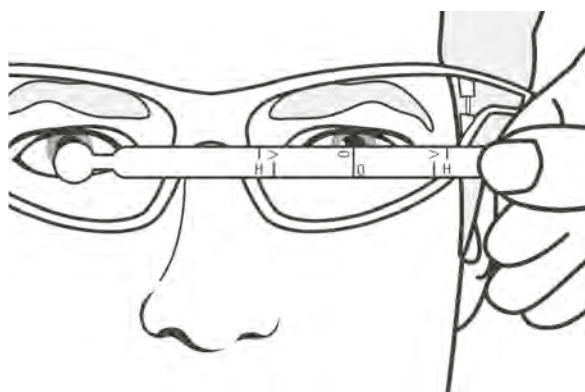
As with all personal protective equipment, comfort is very closely linked with compliance and improperly fitted eyewear may not be enough to prevent eye injuries, so the quality and security of fit is extremely important. Unlike respiratory protection where face fit testing is mandatory, there are no regulatory requirements regarding fitting of eyewear. While current standards suggest careful consideration should be given to eyewear fit, e.g. BS 7029:1999, there is no specific guidance on how to evaluate an individual's fit. Making an assessment based on size and adjustable features is not always adequate to determine best fit and security of eyewear. The innovative 3M™ Eyewear Fit System, is a simple 6 step method* and enables a measured evaluation of fit. This method, utilising the Coverage and Gap gauge tools will help assess 4 elements of protective eyewear fit:

View

Assessment to ensure the wearer can see in all directions of eye rotation without major obstruction to the field of view that would interfere with visibility to perform work tasks.

Coverage

The Coverage gauge assesses how well the safety eyewear covers the soft tissue area around the eyes.

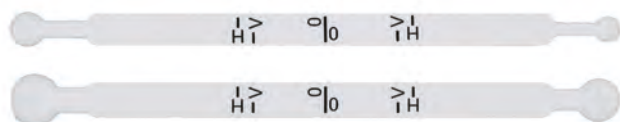
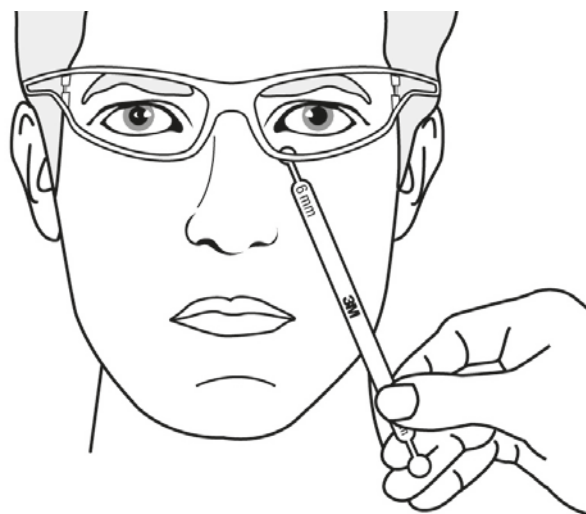


Security

Assessment to ensure the eyewear stays in place on the wearer's head and does not fall off with head movement.

Gaps

The Gap gauges help to identify excessive gaps between the eyewear and the face. Large gaps can provide a clear path for flying debris.



* The full 6 step method is unique to 3M and is available free of charge (Subject to terms and conditions, see website for details). Find out more by contacting your 3M Personal Safety Sales Representative or visit www.3M.eu/eyewear

3M™ Protective Eyewear

3M™ SecureFit™ Safety Glasses 200 Series

Recognising that lack of comfort and fit are the biggest barriers to protective eyewear use, 3M has introduced a revolutionary range of safety eyewear which self-adjusts to individual head sizes, delivering noticeably higher levels of personal comfort and security of fit. Weighing just 18g, the lightweight eyewear has no moving parts. It simply adjusts to fit a wide array of head sizes, reducing the need to stock

multiple frame sizes. The new 3M™ SecureFit™ Protective Eyewear features patented 3M™ Pressure Diffusion Temple Technology which draws on years of scientific anthropometric research by 3M. This game-changing technology allows the frames to naturally adjust to the wearer's profile, providing a snug, stylish and secure fit across a diverse workforce, without compromising safety.

Features and Benefits:

Style

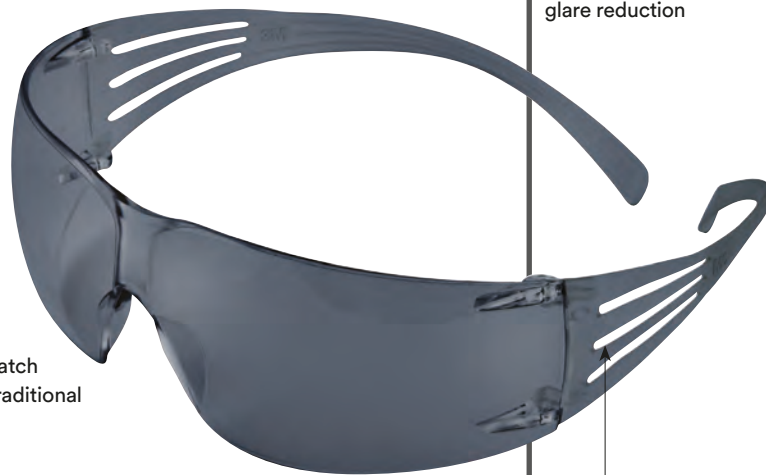
- Sleek, streamline design
- The robust temple design gives great performance and make adjustable features redundant

Premium Protection

- Provides complete impact protection for the orbital region of the eye
- Exceeds the requirements of EN166 clause 7.2.8 Lateral Protection
- Integrated side-shield provides additional protection for surrounding tissues
- 3M™ Scotchgard™ Anti-Fog/Anti-Scratch Coating resists fogging longer than traditional coatings, even after multiple washes

Comfort

- Features 3M™ Pressure Diffusion Temple Technology
- Constant temple force even with different head sizes
- Reduced frame slippage during workplace head movements
- Self adjusting temples for a secure fit
- Weighs only 18g



3M™ SecureFit™ Classic Line Safety Glasses SF202AF

Lens colour: grey
Optical Class 1
5C-3.1 lens provides UV protection and glare reduction



3M™ SecureFit™ Classic Line Safety Glasses SF203AF

Lens colour: amber



3M™ SecureFit™
200 Safety Glasses
SF201SGAF-BLU
Lens colour: Clear



3M™ SecureFit™ Classic
Line Safety Glasses
SF201AS
Lens colour: clear



3M™ SecureFit™ Classic Line
Safety Glasses
SF201AF
Lens colour: clear

3M™ Protective Eyewear

3M™ SecureFit™ Safety Glasses 400 Series

Sourcing eyewear to securely fit a diverse workforce can be a challenge. 3M Pressure Diffusion Temple Technology enhances fit as temples naturally adjust to individual head sizes. This can result in enhanced comfort due to less pressure over the ears without compromising security of fit.

This lightweight eyewear weighs just 19g and offers improved features for comfort and style, combatting two of the largest barriers to compliance.

Features and Benefits:

Style

- Sleek, streamline design
- The robust temple design gives great performance and make adjustable features redundant
- Motion inspired, contoured piping in a bold, modern colour palette for an added infusion of style

Premium Protection

- Provides complete impact protection for the orbital region of the eye
- Exceeds the requirements of EN166 clause 7.2.8 Lateral Protection
- Integrated side-shield provides additional protection for surrounding tissues
- Polycarbonate lenses absorb 99.9% of UVA and UVB and meet the requirements of EN 166:2001
- 3M™ Scotchgard™ Anti-Fog/Anti-Scratch Coating resists fogging longer than traditional coatings, even after multiple washes

Comfort

- Features 3M™ Pressure Diffusion Temple Technology
- Constant temple force even with different head sizes
- Reduced frame slippage during workplace head movements
- Self adjusting temples for a secure fit
- Weighs only 19g
- Dual-injected padded temple touchpoints for added comfort over the ears
- Soft, adjustable nosepads for even greater personalisation of fit



3M™ SecureFit™ Comfort Line Safety Glasses SF402AF

Colour: grey

Lens material: polycarbonate

Optical Class 1

5-3.1 lens provides UV protection and glare reduction



3M™ SecureFit™ Comfort Line Safety Glasses SF403AF

Lens colour: amber



3M™ SecureFit™ Comfort Line Safety Glasses SF401AF

Lens colour: clear



3M™ SecureFit™ Comfort Line Safety Glasses SF410AS

Lens colour: indoor/outdoor



3M™ SecureFit™ Comfort Line Safety Glasses SF408AS

Lens colour: Blue Mirror



3M™ SecureFit™ Safety Glasses SF406SGAF-BLA

Lens colour: orange



3M™ SecureFit™ Safety Glasses SF407SGAF-BLU

Lens colour: grey



3M™ SecureFit™ Safety Glasses SF403SGAF-YEL

Lens colour: amber



3M™ SecureFit™ Safety Glasses SF405SGAF-BLA

Lens colour: brown



3M™ SecureFit™ Safety Glasses SF401SGAF-BLU

Lens colour: clear



3M™ SecureFit™ Safety Glasses SF401SGAF-BLU-F

Lens colour: clear



3M™ SecureFit™ Safety Glasses SF401SGAF-RED

Lens colour: clear



3M™ SecureFit™ Safety Glasses SF402SGAF-BLU

Lens colour: grey

3M™ Protective Eyewear

3M™ SecureFit™ Safety Glasses 400 Series with Reading Dioptre

The 3M™ SecureFit™ 400 Series safety glasses now feature a choice of reading dioptres (+1.5, +2.0 and +2.5) to help workers who have difficulty reading small print or who are engaged in small detail work.

Features and Benefits:

Style

- Sleek, streamline design
- The robust temple design gives great performance and make adjustable features redundant
- Motion inspired, contoured piping in bold, modern colour palette for an added infusion of style

Premium Protection

- Polycarbonate lenses absorb 99.9% of UVA & UVB. Meets the requirements of EN166:2001

Comfort

- Dual-injected, padded temple touchpoints for added comfort over the ears
- Motion-inspired, contoured piping
- Self-adjusting 3M™ Pressure Diffusion Temple Technology ensures a comfortable and a secure fit and prevents slippage
- Soft, adjustable, one-piece nose bridge for an individual comfortable fit
- Removable foam insert helps keep debris out of your eyes while providing comfort and cushioning
- 3 reader powers available +1.5, +2.0 and +2.5



3M™ SecureFit™ 400 Series with Reading Dioptre SF415AF

Lens Colour: Clear

Dioptor strength: +1.5 AS/AF

3M™ SecureFit™ 400 Series with Reading Dioptre SF420AF

Lens Colour: Clear

Dioptor strength: +2.0 AS/AF

3M™ SecureFit™ 400 Series with Reading Dioptre SF425AF

Lens Colour: Clear

Dioptor strength: +2.5 AS/AF



3M™ SecureFit™ 400 Foam Insert SF400FI

Removable foam insert

SF400FI

3M™ Protective Eyewear

3M™ SecureFit™ Safety Glasses 400X Series

Modern, stylish design combined with comfortable coverage?
Believe it. The 3M™ SecureFit™ 400X Series features a wide
range of temple and lens colour options and a contoured brow
guard to help provide additional protection from flying particles.

Features and Benefits:

Style

- Modern stylish design

Premium Protection

- Polycarbonate Lenses absorb 99.9% of UVA and UVB rays and meet the requirements of EN 166:2001
- 3M™ Scotchgard™ Anti-Fog /Anti-Scratch Coating resists fogging longer than traditional coatings, even after multiple lens washes
- 3M™ Rugged Anti-Scratch (RAS) coating is the best performing 3M anti-scratch coating. Extends durability and helps extend the life of the lens protecting against severe abrasion

Comfort

- Pressure Diffusion Temple (PDT) Technology that helps diffuse pressure over the ear for a secure, comfortable fit
- Soft nosepiece helps reduce slippage
- Brow Guard rests comfortably against forehead and helps provide additional coverage from particles



3M™ SecureFit™ 400X Series
SF401XSGAF-BLU 
Lens colour: clear



3M™ SecureFit™ 400X Series
SF401XSGAF-GRN 
Lens colour: clear



3M™ SecureFit™ 400X Series
SF402XSGAF-BLU 
Lens colour: grey



3M™ SecureFit™ 400X Series
SF407XSGAF-BLU 
Lens colour: I/O grey



3M™ SecureFit™ 400X Series
SF403XSGAF-YEL 
Lens colour: amber



3M™ SecureFit™ 400X Series
SF422XSGAF-BLK 
Lens colour: vermillion



3M™ SecureFit™ 400X Series
SF401XRAS-GRN
Lens colour: clear



3M™ SecureFit™ 400X Series
SF416XAS-BLK
Lens colour: orange mirror

3M™ Protective Eyewear

3M™ SecureFit™ Safety Glasses 600 Series

3M™ SecureFit™ 600 Series Protective Eyewear combine the best features of existing models, and add more. They are 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/Anti-Scratch coating, Pressure Diffusion Temple (PDT) technology for security and comfort, foam gasket, and more.

Features and Benefits:

Style

- Semi-rimless frame with two separate lenses
- Premium style and optimal optical performance
- Multiple lens colour options including polarised lenses

Premium Protection

- Durable polycarbonate lenses absorb 99.9% of UVA and UVB rays and meet the requirements of EN 166:2001
- Optical Class 1

Available with two coating options


- 3M™ Scotchgard™ Anti-Fog/Anti-Scratch coating resists fogging longer than traditional coatings, even after multiple lens washes
-SF601SGAF (with and without Foam Insert)
Lens Material: Polycarbonate
2C-1.2 3M 1 FT KN


- 3M™ Rugged Anti-Scratch (RAS) coating is the best performing 3M anti-scratch coating. Extends durability and helps extend the life of the lens protecting against severe abrasion
-SF601RAS
Lens Material: Polycarbonate
2C-1.2 3M 1 FT K

Comfort

- Secure, comfortable fit with 3M™ Pressure Diffusion Temple (PDT) technology



3M™ SecureFit™ 600 Series
SF601SGAF 
Lens Colour: Clear

3M™ SecureFit™
600 Series SF602SGAF 
Lens colour: Grey
Optical Class 1
5-3.1 3M 1 FT KN

3M™ SecureFit™ 600 Series
SF611AS
Lens colour: Polarised
Optical Class 1
5-3.1 3M 1 FT

3M™ SecureFit™
600 Series SF603SGAF 
Lens colour: Amber
Optical Class 1
2C-1.2 3M 1 FT KN

3M™ SecureFit™ 600 Series
SF610AS
Lens colour: Indoor/Outdoor
Optical Class 1
5-1.7 3M 1 FT

3M™ SecureFit™
600 Series SF617AS
Lens colour: Green
Shade: 1.7, anti-scratch
Optical Class 1
1.7 3M 1 F

3M™ SecureFit™ 600 Series
SF601RAS
Lens colour: clear

3M™ SecureFit™
600 Series SF630AS
Lens colour: Green
Shade: 3.0, anti-scratch
Optical Class 1
3 3M 1 F

3M™ SecureFit™ 600 Series
SF601SGAF/FI 
Lens colour: clear

Replacement foam gasket
SF600FI

3M™ SecureFit™
600 Series SF650AS
Lens colour: Green
Shade: 5.0, anti-scratch
Optical Class 1
5 3M 1 F

3M™ Protective Eyewear

3M™ Solus™ 1000 Safety Glasses

A fogged lens can be frustrating and dangerous. Removing eyewear to wipe away fog can expose eyes to potentially dangerous workplace impact hazards and debris.

The Scotchgard™ Anti-Fog/Anti-Scratch Coating resists fogging longer than traditional anti-fog coatings, even after washing multiple times. Try the Solus™ 1000 Series with Scotchgard™ Anti-Fog/Anti-Scratch Coating and see clearly, longer.

Features and Benefits:

Style

- Slim frame
- Colour accented soft temple components for a stylish and modern look

Premium Protection

- Strong PC lenses

3M™ Scotchgard™ Anti-Fog/Anti-Scratch Coating

- Provides scratch resistance and durability
- Provides superior anti-fog and anti-scratch properties, complying with K and N marking requirements of EN 166
- Can be disinfected with diluted bleach soaking or alcohol wipes without losing its anti-fog performance

Comfort

- Lightweight
- Soft cushioning on nose bridge
- Inner padding on temples for increased comfort and stability when worn



3M™ Solus™ S1201SGAF

Lens colour: clear



3M™ Solus™ S1202SGAF

Lens colour: grey



3M™ Solus™ S1203SGAF

Lens colour: amber



3M™ Solus™ S1101SGAF

Lens colour: clear



3M™ Solus™ S1102SGAF

Lens colour: grey



3M™ Solus™ S1103SGAF

Lens colour: amber

Kits available with clear lens in each frame type. These include a headband and foam insert.



3M™ Solus™ Kit
S1101SGAFKT



3M™ Solus™ Kit
S1201SGAFKT

3M™ Protective Eyewear

3M™ Solus™ 2000 Safety Glasses

The 3M™ Solus™ 2000 Series features adjustable ratchet temples that allow the wearer to customise.

Choose from several lens coating options, including the 3M™ Scotchgard™ Anti-Fog/Anti-Scratch coating, multiple lens colours and features like a removable foam gasket to create a protective eyewear solution for you.

Features and Benefits:

Style

- Versatile design allows use with wide variety of prescription eyewear

Premium Protection

- Polycarbonate Lenses absorb 99.9% of UVA and UVB rays and meet the requirements of EN 166:2001
- 3M™ Scotchgard™ Anti-Fog/Anti-Scratch coating resists fogging longer than traditional coatings, even after multiple washes
- ASP: Anti-scratch coating meeting "K" requirements of EN 166 (S2001ASP-BLU)

Comfort

- Adjustable Ratchet temples allow user to adjust lens for facial features and eyeglass position



3M™ Solus™ 2000 Series

S2001SGAF-RED

Lens Colour: Clear



3M™ Solus™ 2000 Series

S2002SGAF-RED

Lens colour: grey



3M™ Solus™ 2000 Series

S2001SGAF-BGR

Lens colour: clear



3M™ Solus™ 2000 Series

S2002SGAF-BGR

Lens colour: grey



3M™ Solus™ 2000 Series

S2003SGAF-BGR

Lens colour: amber



3M™ Solus™ 2000 Series

S2005SGAF-BGR

Lens colour: brown



3M™ Solus™ 2000 Series

S2007SGAF-BGR

Lens colour: grey



3M™ Solus™ 2000 Series

S2001ASP-BLU

Lens colour: clear



3M™ Solus™ 2000 Series

S2001AF-BLU

Lens colour: clear



3M™ Solus™ 2000 Series

S2024AS-RED

Lens colour: red mirror



3M™ Solus™ 2000 Series

S2001SGAF-BGR-F

Lens colour: clear

Readers and IR Shade models due end 2019

3x reader powers +1.5, +2, +2.5

3x IR pairs IR 1.7, IR 3 and IR 5

3M™ Protective Eyewear

3M™ Solus™ CCS Safety Glasses

With integrated Cord Control System (CCS) temples, the 3M™ Solus™ CCS Series eyewear helps you keep everything under control. The versatile design helps keep eyewear and earplugs attached, untangled and ready to use, so your team has the convenient, comfortable protection they need to focus on the jobs at hand.

Features and Benefits:

Style

- Stylish and modern design

Premium Protection

- Excellent peripheral vision and lateral side protection
- Good impact resistance with Anti-Scratch coating for improved durability
- Anti-Fog coating which reduces fogging and ensures clearer vision
- Designed to keep eyewear and earplugs attached, untangled and ready for use
- 3M™ Scotchgard™ Anti-Fog /Anti-Scratch Coating resists fogging longer than traditional coatings, even after multiple lens washes

Comfort

- Lightweight and comfortable

Compatible with:

- Slim nose bridge and flat temples for improved compatibility with other PPE
- Compatible with a variety of 3M™ E-A-R™ corded earplugs
- Earplug cord can be worn around the neck to carry eyewear when neither product is in use



3M™ Solus™ CCS Series

SCCS01SGAF-GRN-F 

Lens colour: clear



3M™ Solus™ CCS Series

SCCS01SGAF-GRN 

Lens colour: clear



3M™ Solus™ CCS Series

SCCS02SGAF-GRN 

Lens colour: grey



3M™ Solus™ CCS Series

SCCS07SGAF-GRN 

Lens colour: I/O grey



3M™ CCS Safety Glasses

Lens colour: clear



3M™ CCS Foam Insert

3M™ Protective Eyewear

3M™ Classic Line Safety Glasses 2820 Series

Very lightweight, the 3M 2820 Safety Glasses are a sleek, modern design offering excellent coverage and field of vision.

Features and Benefits:

Style

- Stylish and modern design, eye protection is more likely to be worn if it looks good

Premium Protection

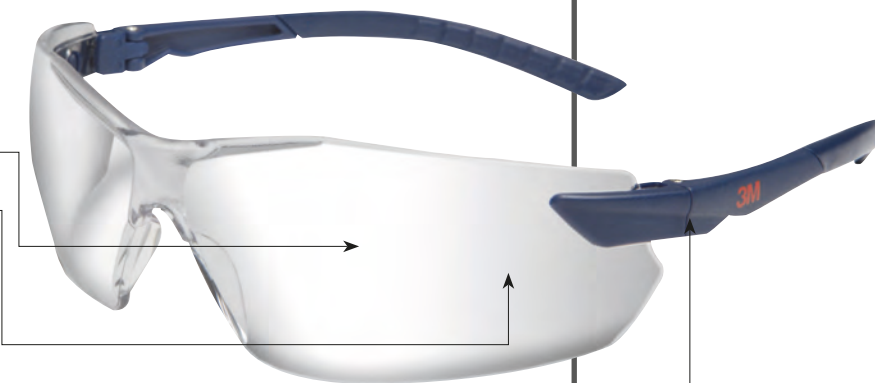
- Optical Class 1 for high optical clarity and extended wear time
- Polycarbonate lens offers good impact resistance
- Wrap-around design for increased lateral protection

Comfort

- Very lightweight 21g
- Inclined lens for easy adjustment and maximum comfort
- Soft, flexible temples for improved comfort

Compatible

- Fits well with 3M™ Respirators



3M™ Classic Line Safety Glasses 2820
Lens Colour: clear



3M™ Classic Line
Safety Glasses 2821
Lens colour: grey



3M™ Classic Line
Safety Glasses 2822
Lens colour: amber

3M™ Protective Eyewear

3M™ Virtua™ AP Classic Line Safety Glasses

The 3M™ Virtua™ AP features a graceful, unisex styling and lightweight comfort to help promote compliance.

Features and Benefits:

Style

- Unisex styling

Premium Protection

- Clear and grey anti-scratch lenses
- Integral side-shields and brow guard
- Polycarbonate lens absorbs 99,9% UV

Comfort

- Comfortable, impact-resistant, lightweight frame - weighs less than 26g



3M™ Virtua™ AP Classic Line Safety Glasses

Lens colour: clear



3M™ Virtua™ AP Classic Line Safety Glasses

Lens colour: grey

3M™ Protective Eyewear

3M™ Tora™ Classic Line Safety Glasses

The 3M™ Tora™ Classic Line Safety Glasses' cool image makes this line of protective eyewear very popular amongst younger members of staff.

Features and Benefits:

Style

- Stylish and modern design, eye protection is more likely to be worn if it looks good

Premium Protection

- Excellent peripheral vision and lateral side protection
- Good impact resistance with Anti-Scratch coating for improved durability
- Anti-Fog coating which reduces fogging and ensures clearer vision
- Designed to keep eyewear and earplugs attached, untangled and ready to use
- Can help reduce the expense of replacing lost earplugs and eyewear

Comfort

- Lightweight and comfortable

Compatible

- Slim nose bridge and flat temples for improved compatibility with other PPE



3M™ Tora™ Classic Line Safety Glasses
Lens colour: clear



3M™ Tora™ Classic Line Safety Glasses
Lens colour: amber



3M™ Tora™ Classic Line Safety Glasses
Lens colour: bronze

3M™ Protective Eyewear

3M™ Comfort Line Safety Glasses 2840 Series

Protection, comfort and adjustability. With a unique style, the 2840 Safety Glasses have been designed with user comfort and convenience in mind. The temples are fully inclinable and adjustable in length for optimal fit. The soft inner padding offers increased comfort.

The 3M™ Safety Glasses 2840 also feature an integrated browguard for increased protection incorporating a strong polycarbonate lens with anti-scratch and anti-fog coating (except 3M™ Safety Glasses 2844), they are available in 6 lens options.

Features and Benefits:

Style

- Stylish and modern design, eye protection is more likely to be worn if it looks good

Premium Protection

- Optical Class 1 to allow prolonged, comfortable wear
- Integrated browguard for increased protection
- Strong polycarbonate lens with anti-scratch and anti-fog coating
- Polycarbonate lens for good impact protection

Comfort

- Adjustable temple length (3 positions) for comfort and optimal fit
- Soft inner padding on temple for increased comfort and stability when worn
- Inclined lens enabling individual adjustment and optimal personal fit
- Lightweight (26g)



3M™ Comfort Line Safety Glasses 2840
Lens colour: clear

3M™ Comfort Line Safety Glasses 2841
Lens colour: grey

3M™ Comfort Line Safety Glasses 2842
Lens colour: amber

3M™ Comfort Line Safety Glasses 2844
Lens colour: Indoor Outdoor Mirror

3M™ Comfort Line Safety Glasses 2846
Lens colour: red-orange

3M™ Comfort Line Safety Glasses 2845
Lens colour: IR shade 5

3M™ Protective Eyewear

3M™ SecureFit™ 3700 Overspectacles

Get over-the-glass protection with all day wearability with the 3M™ SecureFit™ 3700 Series. Featuring Pressure Diffusion Temple (PDT) Technology and adjustable ratchet temples, the SecureFit 3700 Series offers over-the-glass protection with a personalised fit.

Features and Benefits:

Style

- Versatile design allows use with wide variety of prescription eyewear

Premium Protection

- Polycarbonate Lenses absorb 99.9% of UVA and UVB rays and meet the requirements of EN 166:2001
- 3M™ Scotchgard™ Anti-Fog/ Anti-Scratch Coating resists fogging longer than traditional coatings, even after multiple washes
- ASP: Anti-scratch coating meeting K requirements of EN 166 (S2001ASP-BLU)

Comfort

- Pressure Diffusion Temple (PDT) Technology that helps diffuse pressure over the ear for a secure, comfortable fit
- Adjustable Ratchet temples allow user to adjust lens for facial features and eyeglass position
- Brow Guard rests comfortably against forehead and helps provide additional coverage from particles



3M™ SecureFit™ 3700 OTG
SF3701SGAF-BLU
Lens colour: clear



3M™ SecureFit™ 3700 OTG
SF3701ASP-BLU
Lens colour: clear



3M™ SecureFit™ 3700 OTG
SF3702SGAF-BLU
Lens colour: grey



3M™ SecureFit™ 3700 OTG
SF3707SGAF-BLU
Lens colour: grey



3M™ SecureFit™ 3700 OTG
SF3701SGAF-ORG
Lens colour: clear



3M™ SecureFit™ 3700 OTG
SF3701SGAF-GRN
Lens colour: clear



3M™ SecureFit™ 3700 OTG
SF3703SGAF-GRN
Lens colour: amber

Models with Brow Guard:



3M™ SecureFit™ 3700 OTG
SF3701XSGAF-BLU
Lens colour: clear



3M™ SecureFit™ 3700 OTG
SF3702XSGAF-BLU
Lens colour: grey



3M™ SecureFit™ 3700 OTG
SF3707XSGAF-BLU
Lens colour: I/O grey

3M™ Protective Eyewear

3M™ Overspectacles 2800 Series

The 3M™ 2800 Overspectacles are designed to fit over most users' prescription eyewear with minimal interference. They offer an excellent coverage and field of vision, combined with a high level of protection against impacts.

Features and Benefits:

Style

- Versatile design allows use with wide variety of prescription eyewear

Premium Protection

- Optical Class 1 for high optical clarity to allow prolonged, comfortable wear
- Polycarbonate lens offers good impact resistance with Anti-Scratch coating for improved durability

Comfort

- Adjustable length temples (4 positions) for optimal comfort and fit
- Inclined lens for easy adjustment and maximum comfort
- Soft low profile temples for comfort and minimum interaction with prescription eyewear



3M™ Over Safety Glasses 2805
Lens colour: IR Shade 5



3M™ Over Safety Glasses 2800
Lens colour: clear



3M™ Over Safety Glasses 2801
Lens colour: grey



3M™ Over Safety Glasses 2802
Lens colour: amber

3M™ Protective Eyewear

3M™ GoggleGear™ 6000 Safety Goggles

With models featuring 3M™ Scotchgard™ Anti-Fog Coating, the 3M™ GoggleGear™ 6000 Series is a large profile goggle design that provides better fog and abrasion resistance when compared to traditional anti-fog coatings. All models are designed with indirect venting to help reduce fogging. Both adjustable nylon fibre cloth straps and neoprene straps are available to suit your comfort and style.

Features and Benefits:

Style

- Large profile can fit over numerous prescription eyeglasses
- Available in a variety of colourful styles

Premium Protection

- Indirect Venting helps reduce fogging
- Polycarbonate Lenses absorb 99.9% of UVA and UVB rays and meet the requirements of EN 166:2001
- 3M™ Scotchgard™ Anti-Fog/Anti-Scratch Coating resists fogging longer than traditional coatings, even after multiple washes


Comfort

- Soft Goggle Shroud helps seal against the face
- Comfortable strap – choose from models with nylon or neoprene strap
- Neoprene Strap comes standard with GG6001SGAF-BLU and can be sterilised using an autoclave




3M™ Goggle Gear Protective Eyewear 6000
GG6001SGAF-GRN 
Lens Colour: Clear




3M™ Goggle Gear
Protective Eyewear 6000
GG6001SGAF-BLK 
Lens colour: clear




3M™ Goggle Gear
Protective Eyewear 6000
GG6002SGAF-BLK 
Lens colour: grey



3M™ Goggle Gear
Protective Eyewear 6000
GG6001SGAF-RED 
Lens colour: clear



3M™ Goggle Gear
Protective Eyewear 6000
GG6001NSGAF-BLU 
Lens colour: clear

3M™ Protective Eyewear

3M™ GoggleGear™ 500 Safety Goggles

3M™ GoggleGear 501 has a low profile design, an adjustable headband and optional prescription insert. The goggle is available with a Scotchgard™ Anti-Fog/Anti-Scratch coating which resists fogging longer than traditional anti-fog coatings.

Features and Benefits:

Style

- Modern, slim-line and lightweight design for an excellent fit

Premium Protection

- Optical class 1 lens suitable for prolonged use
- Coating retains its effectiveness even after multiple washings
- Offers excellent protection against UV radiation
- Separate prescription lens can be fitted into the GoggleGear 500


3M™ Scotchgard™ Anti-Fog/Anti-Scratch Coating

- Provides scratch resistance and durability
- Provides superior anti-fog and anti-scratch properties, complying with K and N marking requirements of EN 166
- Can be disinfected with diluted bleach soaking or alcohol wipes without losing its anti-fog performance

Comfort

- Easy-to-adjust elastic Nylon headband for stable and comfortable wear
- Pivoting ratchet for convenient personal adjustment
- Neoprene Strap comes as standard with GG501NSGAF and can be sterilised using an autoclave




3M™ Goggle Gear 500 Series
GG501SGAF 
Lens colour: clear




Prescription insert




3M™ Goggle Gear 500 Series
GG502SGAF 
Lens colour: grey



3M™ Goggle Gear 500 Series
GG550SGAF 
Lens colour: IR5 grey



3M™ Goggle Gear 500 Series
GG501NSGAF-BLU 
Lens colour: clear

3M™ Protective Eyewear

3M™ Maxim™ Hybrid Goggles

The 3M™ Maxim™ Hybrid goggle is a very lightweight, low profile form of eyewear protection that provides the same protection as traditionally styled goggles. It provides high comfort and unsurpassed protection against liquid droplets

and mechanical hazards. The slim design offers improved comfort and wearer acceptance.

Features and Benefits:

Style

- Modern and slim design

Premium Protection

- Patented aspherical lens for excellent field of view and superior eye coverage
- High performance ventilation system

Compatible

- Special design for improved compatibility with other PPE

3M™ Maxim™ Hybrid Goggles
Lens Colour: clear



3M™ Protective Eyewear

3M™ Comfort Line Safety Goggles 2890 Series

The 3M™ Comfort Line Safety Goggles 2890 Series feature a modern, slim design and are available with four different options using either an acetate or polycarbonate lens with either sealed or indirect ventilation. They are suitable for a number of different applications where a versatile, comfortable goggle is required.

Features and Benefits:

Style

- Modern, slim-line and lightweight design for an excellent fit

Premium Protection

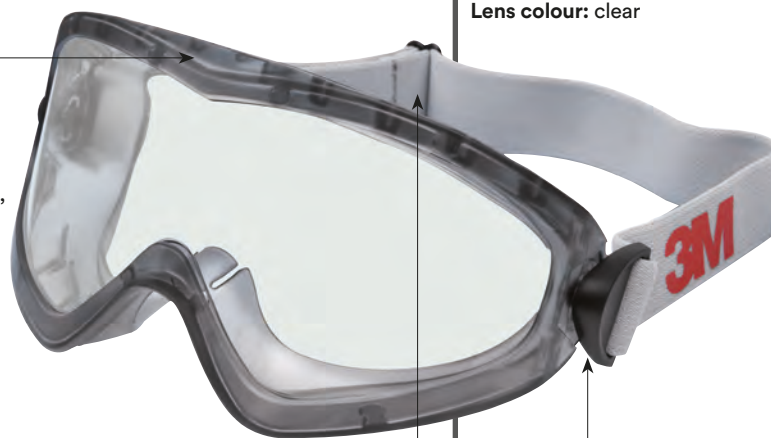
- Sealed design (3M™ 2890S & 3M™ 2890SA) helps provide protection against liquids, dust, gases and vapours
- Indirect ventilation design (3M™ 2890 & 3M™ 2890A) for improved air circulation, comfort and reduced fogging in hot/humid conditions
- Acetate lens option (2890A & 2890SA) for excellent chemical resistance and protection against high speed particles at low energy EN166 1 FT
- Polycarbonate lens option (2890 & 2890S) protects against high speed particles at medium energy EN166 1 BT and molten metal
- Anti-Scratch features an extremely scratch resistant coating ensuring improved durability (2890 & 2890S only)
- Anti-Fog coating reduces fogging and ensures clearer vision
- UV Protection gives reliable protection against specified levels of hazardous UV radiation
- The 2895S lenses are assessed against EN169:2002 for transmittance requirement for welding filters. This product protects against high speed impact at medium energy at room temperature only
- 3M™ Scotchgard™ Anti-Fog/Anti-Scratch Coating resists fogging longer than traditional coatings, even after multiple washes

Comfort

- Easy-to-adjust strap for stable and comfortable wear
- Pivoting ratchet for convenient personal adjustment
- Replacement lens options for 2890/2890S and 2890A/2890SA

Compatible

- Fits well with 3M™ Respirators



3M™ Goggles 2890
Lens colour: clear



3M™ Goggles 2890A
Lens colour: clear



3M™ Goggles 2890S
Lens colour: clear



3M™ Goggles 2890SA
Lens colour: clear



3M™ Goggles 2895S
Lens colour: welding shade 5.0



3M™ Goggles 2891-SGAF
Lens colour: clear



3M™ Goggles 2891S-SGAF
Lens colour: clear

3M™ Protective Eyewear

3M™ Fahrenheit™ Comfort Goggles

The Fahrenheit comfort goggle features a modern, slim design and is available with an acetate or polycarbonate lens with either sealed or indirect ventilation. It is suitable for a number of different applications where a versatile, comfortable goggles is required.

Features and Benefits:

Style

- Modern, slim-line and lightweight design for an excellent fit

Premium Protection

- Aerodynamic shape with cylindrical lens for excellent field of vision
- Indirect ventilation system to prevent fog, liquids and dust (on selected models)

Comfort

- Wide nylon elastic strap (25mm) which is easily adjustable thanks to a buckle system and to a pivoting strap attachment mechanism
- A Neoprene headband, easy to clean, specially for the food industry (on selected models)
- T-N-Wear Solution – available with an additional polyester film that can be easily removed and replaced

Compatible

- Special helmet version is compatible with PELTOR™ Helmet G3000



3M™ Fahrenheit™ Comfort Goggle
Lens Colour: clear



3M™ Fahrenheit™
for PELTOR™ Helmet
Lens colour: clear



3M™ Fahrenheit™
T-N-Wear
Lens colour: clear

3M™ Protective Eyewear

Product information

3M™ Eyewear	Impact Protection	Coating	Lens Filter and Shading	Visual Light Lens Transmittance (approx.)	EN166 Lens Marking	Mechanical work	Outside Work	Driver	Metallurgy	Surface Inspection
Overspectacles										
3M™ Overspectacles 2800 Series										
3M™ 2800	FT	AS	Clear 2C-1.2	88%	2C-1.2 3M 1 FT	Y			Y	
3M™ 2801	FT	AS	Grey 5-3.1	14%	5-3.1 3M 1 FT	Y	Y	Y		
3M™ 2802	FT	AS	Amber 2-1.2	83%	2-1.2 3M 1 FT	Y				Y
3M™ 2805	FT	AS	IR 5	2%	4-5 3M 1 FT	Y			Y	
3M™ SecureFit™ 3700 Overspectacles										
3M™ SF3701ASP-BLU	FT	AS+	Clear 2C-1.2	89%	2C-1.2 3M 1 FT K	Y			Y	
3M™ SF3701SGAF-BLU / SF3701SGAF-GRN / SF3701SGAF-ORG / SF3701XSGAF-GRN	FT	SGAF	Clear 2C-1.2	89%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ SF3702SGAF-BLU / SF3702XSGAF-BLU	FT	SGAF	Grey 5-3.1	11%	5-3.1 3M 1 FT KN	Y	Y	Y		
3M™ SF3703SGAF-BLU	FT	SGAF	Amber 2C-1.2	87%	2C-1.2 3M 1 FT KN	Y				Y
3M™ SF3707SGAF-BLU / SF3707XSGAF-BLU	FT	SGAF	Indoor / Outdoor grey 5-1.7	51%	5-1.7 3M 1 FT KN		Y	Y		
Safety Glasses										
3M™ SecureFit™ 200 Safety Glasses										
3M™ SF201AS	FT	AS	Clear 2C-1.2	91%	2C-1.2 3M 1 FT	Y			Y	
3M™ SF201AF	FT	AS/AF	Clear 2C-1.2	91%	2C-1.2 3M 1 FT	Y			Y	
3M™ SF203AF	FT	AS/AF	Amber 2C-1.2	90%	2C-1.2 3M 1 FT	Y				Y
3M™ SF202AF	FT	AS/AF	Grey 5-3.1	13%	5-3.1 3M 1 FT	Y	Y	Y		
3M™ SF201SGAF	FT	SGAF	Clear 2C-1.2	89%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ SecureFit™ 400 Safety Glasses										
3M™ SF401AF	FT	AS/AF	Clear 2C-1.2	91%	2C-1.2 3M 1 FT	Y			Y	
3M™ SF403AF	FT	AS/AF	Amber 2C-1.2	90%	2C-1.2 3M 1 FT	Y				Y
3M™ SF402AF	FT	AS/AF	Grey 5-3.1	13%	5-3.1 3M 1 FT	Y	Y	Y		
3M™ SF410AS	FT	AS/AF	Indoor / Outdoor 5-1.7	54%	5-1.7 3M 1 FT		Y	Y		
3M™ SF408AS	FT	AS/AF	Blue Mirror 5-3.1	14%	5-3.1 3M 1 FT	Y		Y		
3M™ SF401SGAF / SF401XSGAF	FT	SGAF	Clear 2C-1.2	89%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ SF402SGAF / SF402XSGAF	FT	SGAF	Grey 5-3.1	12%	5-3.1 3M 1 FT KN	Y	Y	Y		
3M™ SF403SGAF / SF403XSGAF	FT	SGAF	Amber 2C-1.2	87%	2C-1.2 3M 1 FT KN	Y				Y
3M™ SF405SGAF	FT	SGAF	Brown 5-2.5	22%	5-2.5 3M 1 FT KN	Y	Y	Y		
3M™ SF403SGAF	FT	SGAF	Orange 2-1.7	45%	2-1.7 3M 1 FT KN	Y				Y
3M™ SF407SGAF	FT	SGAF	Indoor / Outdoor 5-1.7	48%	5-1.7 3M 1 FT KN		Y	Y		
3M™ SF415AF (+1.5 diopter)	FT	AS/AF	Clear 2C-1.2	91%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ SF420AF (+2.0 diopter)	FT	AS/AF	Clear 2C-1.2	91%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ SF425AF (+2.5 diopter)	FT	AS/AF	Clear 2C-1.2	91%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ SF422XSGAF	FT	SGAF	Vermillion 2-2	37%	2-2 3M 1 FT KN		Y			
3M™ SF416XAS	FT	AS/AF	Orange Mirror 5-3.1	12%	2C-1.2 3M 1 FT	Y	Y			
3M™ SF401XRAS	FT	RAS	Clear 2C-1.2	89%	2C-1.2 3M 1 FT K	Y	Y	Y		

*Visual Lens Light Transmittance percentages quoted are typical values as results may vary

MECHANICAL WORK
Grinding, drilling, stone cutting, maintenance
RISKS: Impact, dust (Goggles only)

OUTSIDE WORK
Gardening, road works, building site work, shooting
RISKS: Impact, glare, UV

DRIVER
Fork lift truck, heavy plant, HGV, PSV
RISKS: Glare, UV

METALLURGY
Furnace works, casting control, mould maintenance
RISKS: Impact, dust, infrared, molten metal, glare (only goggles)

SURFACE INSPECTION
Quality control, wood lamp, curing
RISKS: Ultraviolet, Blue light

3M™ Protective Eyewear

3M™ Eyewear	Impact Protection	Coating	Lens Filter and Shading	Visual Light Lens Transmittance (approx.)	EN166 Lens Marking	Mechanical work	Outside Work	Driver	Metallurgy	Surface Inspection
3M™ SecureFit™ 600 Safety Glasses										
3M™ SF601SGAF / 3M™ SF601SGAF/FI	FT	SGAF	Clear 2C-1.2	91%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ SF602SGAF	FT	SGAF	Grey 5-3.1	13%	5-3.1 3M 1 FT KN	Y	Y	Y		
3M™ SF603SGAF	FT	SGAF	Amber 2C-1.2	86%	2C-1.2 3M 1 FT KN	Y				Y
3M™ SF610AS	FT	AS	Indoor / outdoor mirror 5-1.7	48%	5-1.7 3M 1 FT		Y	Y		
3M™ SF611AS	FT	AS	Grey polarised 5-3.1	14%	5-3.1 3M 1 FT	Y	Y			
3M™ SF617AS	F	AS	Welding shade 1.7	52%	1.7 3M 1 F	Y			Y	
3M™ SF630AS	F	AS	Welding shade 1.7	11%	3 3M 1 F	Y			Y	
3M™ SF650AS	F	AS	Welding shade 5	2%	5 3M 1 F	Y			Y	
3M™ SF601RAS	FT	RAS	Clear 2C-1.2	91%	2C-1.2 3M 1 FT K	Y			Y	
3M™ 2820 Series Safety Glasses										
3M™ 2820	FT	AS/AF	Clear 2C-1.2	90%	2C-1.2 3M 1 FT	Y			Y	
3M™ 2821	FT	AS/AF	Grey 5-2.5	20%	5-2.5 3M 1 FT	Y	Y	Y		
3M™ 2822	FT	AS/AF	Amber 2-1.2	88%	2-1.2 1 3M 1 FT	Y				Y
3M™ Virtua™ AP Safety Glasses										
3M™ Virtua™ AP	FT	AS	Clear 2C-1.2	90%	2C-1.2 3M 1 FT	Y			Y	
3M™ Virtua™ AP	FT	AS	Grey 5-2.5	21%	5-2.5 3M 1 FT	Y	Y	Y		
3M™ Tora Series Safety Glasses										
3M™ Tora™ (Clear)	FT	AS/AF	Clear 2C-1.2	90%	2C-1.2 3M 1 FT	Y			Y	
3M™ Tora™ (Amber)	FT	AS/AF	Amber 2C-1.2	86%	2C-1.2 3M 1 FT	Y				Y
3M™ Tora™ (Bronze)	FT	AS/AF	Bronze 5-2.5	27%	5-2.5 3M 1 FT	Y	Y	Y		
3M™ 2840 Series Safety Glasses										
3M™ 2840	FT	AS/AF	Clear 2C-1.2	88%	2C-1.2 3M 1 FT	Y			Y	
3M™ 2841	FT	AS/AF	Grey 5-2.5	23%	5-2.5 3M 1 FT		Y	Y		
3M™ 2842	FT	AS/AF	Amber 2-1.2	83%	2-1.2 3M 1 FT	Y				Y
3M™ 2844	FT	Mirror	Indoor / outdoor Mirror 5-1.7	49%	5-1.7 3M 1 FT		Y	Y		
3M™ 2845	FT	AS/AF	Welding shade 5	2%	5 3M 1 FT				Y	
3M™ 2846	FT	AS/AF	Red / orange 2-1.7	47%	2-1.7 3M 1 FT	Y				Y
3M™ Solus 1000 Series Safety Glasses										
3M™ S1101SGAF / 3M™ S1201SGAF / 3M™ S1101SGAFKT / 3M™ S1201SGAFKT	FT	SGAF	Clear 2C-1.2	91%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ S1102SGAF / S1202SGAF	FT	SGAF	Grey 5-3.1	14%	5-3.1 3M 1 FT KN	Y	Y	Y		
3M™ S1103SGAF / S1203SGAF	FT	SGAF	Amber 2C-1.2	89%	2C-1.2 3M 1 FT KN	Y				Y

*Visual Lens Light Transmittance percentages quoted are typical values as results may vary

MECHANICAL WORK
Grinding, drilling, stone cutting, maintenance
RISKS: Impact, dust (Goggles only)

OUTSIDE WORK
Gardening, road works, building site work, shooting
RISKS: Impact, glare, UV

DRIVER
Fork lift truck, heavy plant, HGV, PSV
RISKS: Glare, UV

METALLURGY
Furnace works, casting control, mould maintenance
RISKS: Impact, dust, infrared, molten metal, glare (only goggles)

SURFACE INSPECTION
Quality control, wood lamp, curing
RISKS: Ultraviolet, Blue light

3M™ Protective Eyewear

Product information

3M™ Eyewear	Impact Protection	Coating	Lens Filter and Shading	Visual Light Lens Transmittance (approx.)	EN166 Lens Marking	Mechanical work	Outside Work	Driver	Metallurgy	Surface Inspection
3M™ Solus 2000 Series Safety Glasses										
3M™ S2001SGAF-RED / 3M™ S2001SGAF-BGR / 3M™ S2001SGAF-BGR-F	FT	SGAF	Clear 2C-1.2	90%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ S2002SGAF-RED / S2002SGAF-BGR	FT	SGAF	Grey 5-3.1	11%	5-3.1 3M 1 FT KN	Y	Y	Y		
3M™ S2003SGAF-BGR	FT	SGAF	Amber 2C-1.2	87%	2C-1.2 3M 1 FT KN	Y		Y		Y
3M™ S2005SGAF-BGR	FT	SGAF	Brown 5-2.5	23%	5-2.5 3M 1 FT KN	Y	Y	Y		
3M™ S2007SGAF-BGR	FT	SGAF	Indoor / outdoor grey 5-1.7	51%	5-1.7 3M 1 FT KN		Y	Y		
3M™ S2024AS-RED	FT	AS	Red mirror 5-3.1	14%	5-3.1 3M 1 FT	Y	Y	Y		
3M™ S2001ASP-BLU	FT	AS+	Clear 2C-1.2	90%	2C-1.2 3M 1 FT K	Y	Y		Y	
3M™ S2001AF-BLU	FT	AS/AF	Clear 2C-1.2	90%	2C-1.2 3M 1 FT	Y			Y	
3M™ Solus CCS Series Safety Glasses										
3M™ CCS	FT	AS/AF	Clear 2C-1.2	90%	2C-1.2 3M 1 FT	Y			Y	
3M™ SCCS01SGAF-GRN-EU	FT	SGAF	Clear 2C-1.2	88%	2C-1.2 3M 1 FT KN	Y			Y	
3M™ SCCS02SGAF-GRN-EU	FT	SGAF	Grey 5-3.1	11%	5-3.1 3M 1 FT KN	Y	Y	Y		
3M™ SCCS07SGAF-GRN-EU	FT	SGAF	Indoor / outdoor grey 5-1.7	51%	5-1.7 3M 1 FT KN		Y	Y		

3M™ Eyewear	Impact Protection	Coating	Lens Filter and Shading	Visual Light Lens Transmittance (approx.)	EN166 Lens Marking	Mechanical work	Outside Work	Chemical Application	Metallurgy	Surface Inspection
Goggles										
3M™ 2890 Safety Goggles										
3M™ 2890	BT	AS/AF	Clear 2C-1.2	89%	2C-1.2 3M 1 BT KN	Y		Y	Y	
3M™ 2890A	FT	AF	Clear 2C-1.2	84%	2C-1.2 3M 1 FT N			Y		
3M™ 2890S	BT	AS/AF	Clear 2C-1.2	89%	2C-1.2 3M 1 BT	Y		Y	Y	
3M™ 2890SA	FT	AF	Clear 2C-1.2	84%	2C-1.2 3M 1 FT N			Y		
3M™ 2895S	B	AS/AF	"Welding shade 5"	2%	5 3M 1 B K N	Y		Y	Y	
3M™ 2891-SGAF	BT	SGAF	Clear 2C-1.2	88%	2C-1.2 3M 1 BT 9 KN	Y		Y	Y	
3M™ 2891S-SGAF	BT	SGAF	Clear 2C-1.2	88%	2C-1.2 3M 1 BT 9 KN	Y	Y	Y	Y	
3M™ GG500 Safety Goggles										
3M™ GG501SGAF	BT	SGAF	Clear 2C-1.2	89%	2C-1.2 3M 1 BT KN	Y		Y	Y	
3M™ GG5001NSGAF	BT	SGAF	Clear 2C-1.2	89%	2C-1.2 3M 2 BT KN	Y		Y	Y	
3M™ GG502SGAF	BT	SGAF	Grey 5-3.1	13%	5-3.1 3M 1 BT KN	Y	Y	Y		
3M™ GG550SGAF	B	SGAF	"Welding shade 5"	2%	5 3M 1 B KN			Y		
3M™ GG60000 Safety Goggles										
3M™ GG6001SGAF-BLK / GG6001SGAF-GRN / GG6001SGAF-RED / GG6001NSGAF-BLU	BT	SGAF	Clear 2C-1.2	89%	2C-1.2 3M 1 BT KN	Y		Y	Y	
3M™ GG6002SGAF-BLK	BT	SGAF	Grey 5-3.1	11%	5-3.1 3M 1 BT KN	Y	Y	Y		
3M™ Maxim™ Hybrid Goggles										
3M™ Maxim™ Hybrid (Clear)	FT	AS/AF	NA	88%	3M 1 FT	Y			Y	

Key:

B = Impact protection against high speed particles at low energy (45m/s)
 F = Impact protection against medium speed particles at low energy (120m/s)
 T = Tested for impact at extreme temperature conditions (-5°C and +55°C)
 AS = Anti-Scratch
 AF = Anti-Fog

SGAF = Scotchgard™ Anti-Fog
 AS+ = Anti-Scratch Plus
 RAS = Rugged Anti-Scratch
 K = Resistance top surface damage by fine particles
 N = Resistance to fogging

*Visual Lens Light Transmittance percentages quoted are typical values as results may vary

MECHANICAL WORK
 Grinding, drilling, stone cutting, maintenance
 RISKS: Impact, dust (Goggles only)

OUTSIDE WORK
 Gardening, road works, building site work, shooting
 RISKS: Impact, glare, UV

DRIVER
 Fork lift truck, heavy plant, HGV, PSV
 RISKS: Glare, UV

CHEMICAL APPLICATION
 Laboratory, painting, general surgery
 RISKS: Liquid splash (acid, alkalis), infected blood

METALLURGY
 Furnace works, casting control, mould maintenance
 RISKS: Impact, dust, infrared, molten metal, glare (only goggles)

SURFACE INSPECTION
 Quality control, wood lamp, curing
 RISKS: Ultraviolet, Blue light

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