



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 durable anti-scratch and convenient anti-fogcoatings. All products are approved to EN166 and are CE marked.



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

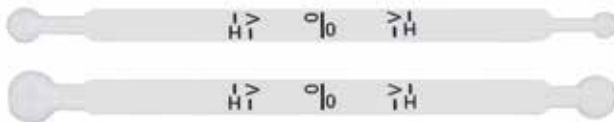
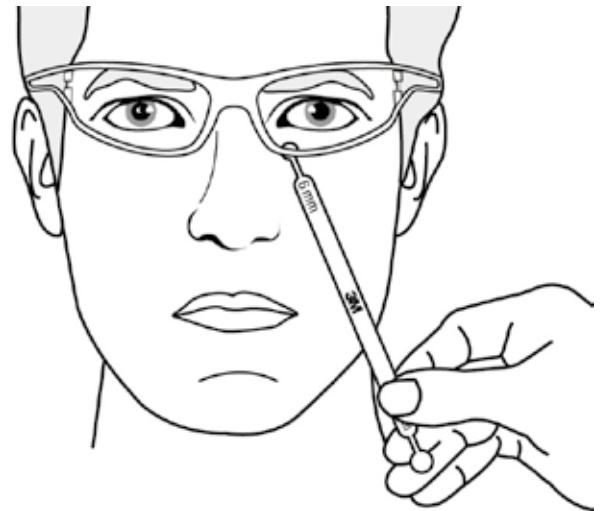
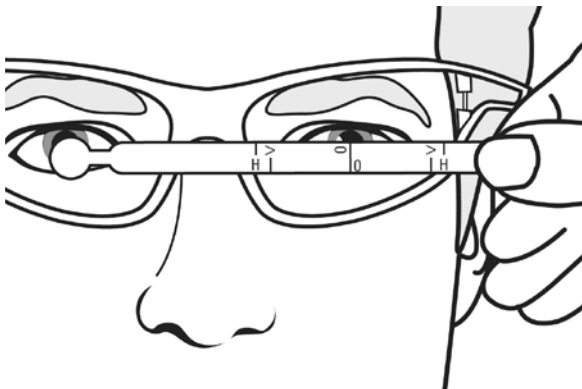
The Coverage gauge assesses how well the safety eyewear covers the soft tissue area around the eyes.

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™ Overspectacles 2800 Series

The 3M 2800 Safety Overspectacles are designed to fit over most users' prescription spectacles 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 spectacles

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
- Inclinable lens for easy adjustment and maximum comfort
- Soft low profile temples for comfort and minimum interaction with prescription spectacles



3M™ Overspectacles 2805

Lens colour: IR Shade 5

Lens material: polycarbonate



3M™ Overspectacles 2800

Lens colour: clear

Lens material: polycarbonate



3M™ Overspectacles 2801

Lens colour: grey

Lens material: polycarbonate



3M™ Overspectacles 2802

Lens colour: amber

Lens material: polycarbonate



3M™ SecureFit™ Classic Line Spectacles 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 patent pending 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

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 Spectacles SF202AF-EU

Lens colour: grey

Lens material: polycarbonate

Optical Class 1

5C-3.1 lens provides UV protection and glare reduction



3M™ SecureFit™ Classic Line Spectacles SF203AF-EU

Lens colour: amber

Lens material: polycarbonate

Optical Class 1 2C-1.2 lens provides UV protection and good colour recognition and contrast enhancement



3M™ SecureFit™ Classic Line Spectacles SF201AS-EU

Lens colour: clear

Lens material: polycarbonate

Optical Class 1 2C-1.2 lens provides UV protection and good colour recognition



3M™ Classic Line Spectacles 2820 Series

Very lightweight, the 3M 2820 Spectacles 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

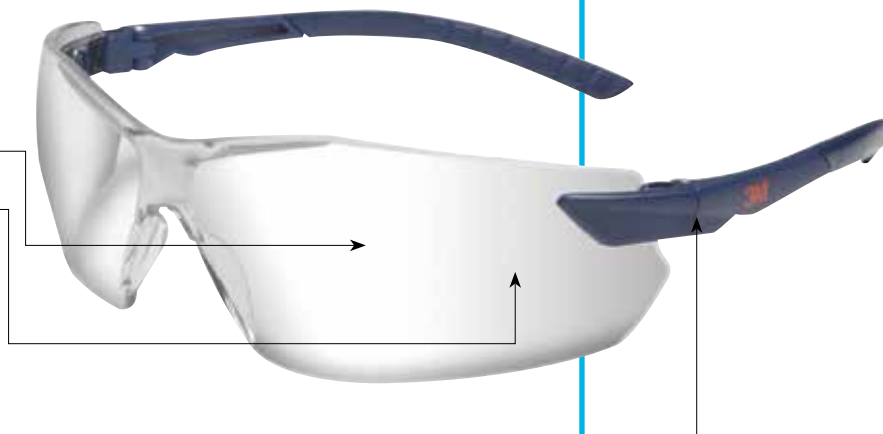
- Optical Class 1 for high optical clarity and extended wear time
- Polycarbonate lens offers good impact resistance
- Wrap-around design for increased lateral protection

Comfort

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

Compatible with

- Fits well with 3M™ Respirators 9300 Series for the majority of users



3M™ Classic Line Spectacles 2820

Colour: clear

Lens material: polycarbonate



3M™ Classic Line Spectacles 2821

Lens colour: grey

Lens material: polycarbonate



3M™ Classic Line Spectacles 2822

Lens colour: amber

Lens material: polycarbonate



3M™ Virtua™ AP Classic Line Spectacles

The new 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 Spectacles

Lens colour: clear

Lens material: polycarbonate



3M™ Virtua™ AP Classic

Line Spectacles

Lens colour: grey

Lens material: polycarbonate



3M™ Tora™ Classic Line Spectacles

The 3M™ Tora™ Classic Line Spectacles' cool image makes this line of protective eyewear very popular amongst younger members of staff. The 3M Tora™ CCS has a built-in temple groove feature that allows the wearer to attach a corded earplug, keeping both PPE products together.

The optional foam insert features a comfy seal that helps limit eye exposure to nuisance dust. The insert can be easily removed for cleaning or alternate wearing configurations.

Features and Benefits:

Style

- Stylish and modern design, eye protection is more likely to be worn if it looks good
- The 3M™ Tora™ CCS Spectacles feature blue temples to intensify the contemporary smart look

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 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™ Tora™ CCS Classic Line Spectacles

Lens colour: clear

Lens material: polycarbonate



3M™ Tora™ CCS Classic Line Spectacles with foam insert



3M™ Tora™
Classic Line Spectacles
Lens colour: clear
Lens material: polycarbonate



3M™ Tora™
Classic Line Spectacles
Lens colour: amber
Lens material: polycarbonate



3M™ Tora™
Classic Line Spectacles
Lens colour: bronze
Lens material: polycarbonate



3M™ SecureFit™ Comfort Line Spectacles



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 EN166:2001

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 nose pads for even greater personalisation of fit



3M™ SecureFit™ Comfort Line Spectacles SF402AF-EU
Colour: grey
Lens material: polycarbonate
 Optical Class 1
 5C-3.1 lens provides UV protection and glare reduction



3M™ SecureFit™ Comfort Line Spectacles SF403AF-EU
Lens colour: amber
Lens material: polycarbonate
 Optical Class 1
 2C-1.2 lens provides UV protection and good colour recognition and contrast enhancement



3M™ SecureFit™ Comfort Line Spectacles SF401AF-EU
Lens colour: clear
Lens material: polycarbonate
 Optical Class 1
 2C-1.2 lens provides UV protection and good colour recognition



3M™ SecureFit™ Comfort Line Spectacles SF408AS-EU
Lens colour: Blue Mirror
Lens material: polycarbonate
 Optical Class 1.5-3.1 lens provides UV protection and glare reduction



3M™ SecureFit™ Comfort Line Spectacles SF410AS-EU
Lens colour: indoor/outdoor
Lens material: polycarbonate
 Optical Class 1
 5-1.7 lens provides UV protection and good colour recognition



3M™ Comfort Line Spectacles 2840 Series

Protection, comfort and adjustability. With a unique style, the 2840 spectacles 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™ Spectacles 2840 also feature an integrated browguard for increased

protection incorporating a strong polycarbonate lens with anti-scratch and anti-fog coating (except 3M™ Spectacles 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
- Inclinable lens enabling individual adjustment and optimal personal fit
- Lightweight (26g)

Compatible with

- Ideal combination with 3M™ Respirators 9300 Series and 4000 Series and the 3M™ Half Masks 7500 Series



3M™ Comfort Line Spectacles 2840

Lens colour: clear

Lens material: polycarbonate



3M™ SecureFit™

Comfort Line Spectacles 2841

Lens colour: grey

Lens material: polycarbonate



3M™ SecureFit™

Comfort Line Spectacles 2842

Lens colour: amber

Lens material: polycarbonate



3M™ SecureFit™

Comfort Line Spectacles 2844

Lens colour: Indoor Outdoor Mirror

Lens material: polycarbonate



3M™ SecureFit™

Comfort Line Spectacles 2846

Lens colour: red-orange

Lens material: polycarbonate



3M™ SecureFit™

Comfort Line Spectacles 2845

Lens colour: IR shade 5

Lens material: polycarbonate



3M™ Solus™ Comfort Line Spectacles

Solus Comfort Line Spectacles combine a modern design and an optimal dual technology, with the soft inner padding of the temple, leading to increased comfort and protection, without optical distortion.

Features and Benefits:

Style

- Stylish and modern design, eye protection is more likely to be worn if it looks good
- With colour accented soft temple components, Solus brings sophistication and comfort to safety eyewear

Premium Protection

- Strong PC lenses with anti-scratch and anti-fog coating
- Wrap-around lens provides excellent lateral protection

Comfort

- Lightweight (23g)
- Soft inner padding on temple for increased comfort and stability when worn

Compatible with

- Specially designed for improved compatibility with other PPE



3M™ Solus™ Comfort Line Spectacles

Colour: amber

Lens material: polycarbonate



3M™ Solus™ Comfort Line Spectacles

Lens colour: red mirror

Lens material: polycarbonate



3M™ Solus™ Comfort Line Spectacles

Lens colour: bronze

Lens material: polycarbonate



3M™ Solus™ Comfort Line Spectacles

Lens colour: I/O (indoor/outdoor)

Lens material: polycarbonate



3M™ Solus™ Comfort Line Spectacles

Lens colour: not I/O (indoor/outdoor)

Lens material: polycarbonate



3M™ Maxim™ Comfort Line Spectacles

Protection, comfort, and adjustability, Maxim comfort line spectacles, all have a unique patented aspherical lens which provides excellent coverage and a wide angle of vision. The temples are fully inclinable and adjustable in length for optimal fit. They are available in more than 15 different lens and frame options.

The unique minimizer option for welding assistance protects against Infra-red without blocking visible light.

Features and Benefits:

Style

- Stylish and modern design

Premium Protection

- Patented aspherical lens for excellent coverage and field of view
- Ventilation channel across the lens to minimise misting

Comfort

- Soft, adjustable nosebridge
- Dual-injected cushion browguard for extra comfort and shock absorbion
- Adjustable length temples with pantoscopic system

Compatible with

- Ballistic version is specially designed for improved compatibility with other PPE e.g. with 3M™ Peltor™ Earmuffs X Series



3M™ Maxim™ Premium Line Spectacles

Lens colour: clear

Lens material: polycarbonate



3M™ Maxim™ Welding Premium Line Spectacles

Lens colour: shade 5.0

Lens material: polycarbonate



3M™ Maxim™ Ballistic Premium Line Spectacles

Lens colour: bronze

Lens material: polycarbonate



3M™ Maxim™ Ballistic Premium Line Spectacles

Lens colour: amber

Lens material: polycarbonate



3M™ Maxim™ Utility Pack

Lens colour: clear, bronze and amber

Lens material: polycarbonate



3M™ Maxim™ Ballistic Premium Line Spectacles

Band



3M™ Maxim™ Ballistic Premium Line Spectacles

Lens colour: clear

Lens material: polycarbonate



3M™ Marcus Grönholm Premium Line Spectacles

Protection, comfort, and stylish design. Marcus Grönholm premium line spectacles combine attractive and modern styling with wrap around design. The strong metal frame provides a comfortable fit.

Features and Benefits:

Style

- Stylish and modern design, eye protection is more likely to be worn if it looks good
- Wrap-around design
- Bronze and blue mirror lenses are available

Premium Protection

- High curve lenses provide optimal field of view
- Excellent UV protection, ideal for sunny environments
- Strong polycarbonate lens with anti-scratch and anti-fog coating

Comfort

- Spring hinges for robustness and soft temple tips for extra comfort
- Adjustable nose grips provide a comfortable fit

Compatible with

- Slim nose bridge and flat temples for improved compatibility with other PPE
- Ideal combination with 3M™ Respirators 9300 Series and 4000 Series and the 3M™ Half Masks 7500 Series



3M™ Marcus Grönholm Premium Line Spectacles

Colour: blue Mirror

Lens material: polycarbonate



3M™ Marcus Grönholm Premium Line Spectacles

Lens colour: bronze

Lens material: polycarbonate



3M™ Marcus Grönholm Premium Line Spectacles

Lens colour: clear

Lens material: polycarbonate



3M™ Refine 300 Premium Line Spectacles

Better Style means better compliance

Women don't have to settle for bulky, oversized eyewear anymore. The 3M™ Refine 300 Safety Eyewear is specially sized for smaller heads and profiles.

The result is excellent coverage with fewer gaps where dangerous particulates or flying debris can damage the eyes. Appealing, well-fitting design will lead to increased wearer acceptance.

Features and Benefits:

Style

- Slim frame design
- Clear and bronze anti-fog and anti-scratch lenses

Premium Protection

- Strong polycarbonate lens with anti-scratch and anti-fog coating
- Integrated side protection
- Meets the low energy impact requirements of EN 166

Comfort

- Specific slim design that fits smaller faces
- Adjustable soft nose pads to improve comfort

Compatible with

- Compatible with 3M's respiratory protection range



3M™ Refine 300 Premium Line Spectacles

Lens colour: mocha

Lens material: polycarbonate



3M™ Refine 300 Premium Line Spectacles

Lens colour: clear

Lens material: polycarbonate



3M™ Premium Line Spectacles 1100E / 1200E Series

Introducing safety eyewear that combines the edgy styling and solid performance that workers crave. Upgrade your safety compliance with the 1100E and 1200E Series.

With inspired designs and a solid frame construction, the new 1100E and 1200E styles deliver the looks, attitude and brand that workers want to wear.

Features and Benefits:

Style

- Stylish and modern design, delivers the looks attitude and brand that workers want to wear
- Available with clear or grey lens

Premium Protection

- Polycarbonate lenses absorb 99.9% UV radiation
- Frame made from a high density nylon material for robust protection
- Strong polycarbonate lens with anti-scratch and anti-fog coating
- Each pair comes with a micro-fibre pouch

Comfort

- Lightweight half frame assures a comfortable fit
- Soft adjustable nosepiece

Compatible with

- Low profile nose-bridge provides increased compatibility with 3M respirators



3M™ Premium Line Spectacles 1200E

Colour: grey or clear

Lens material: polycarbonate



3M™ Premium Line Spectacles 1200E

Lens colour: clear

Lens material: polycarbonate



3M™ Premium Line Spectacles 1100E

Lens colour: clear

Lens material: polycarbonate
Features wrap around frame and wide temples with integrated side protection.



3M™ Premium Line Spectacles 1100E

Lens colour: grey

Lens material: polycarbonate
Features wrap around frame and wide temples with integrated side protection.



3M™ Fuel™ X2 Premium Line Spectacles

Pump up your safety compliance levels with some of the best looking protective eyewear on the market. The Fuel X2 Series – where compliance meets style.

An ultra efficient blend of comfort and style, Fuel X2 offers a refined look and superb features. The revolutionary frame

design features bold new grooved styling, rubber over-moulded adjustable temples and a fully adjustable nose-bridge. The sleek frame profile and rimless lower lenses help ensure that protection and performance remain uncompromised.

Features and Benefits:

Style

- Rubber over-moulded adjustable temples
- Half frame design
- Each pair comes with a microfibre pouch

Premium Protection

- Polycarbonate lenses absorb 99.9% UV radiation
- Meets the low energy impact requirements of EN166
- Frame made from a high density nylon material for impact, torsion and heat resistance
- Special mirror coating provides glare reduction and UV protection
- Strong polycarbonate lens with anti-scratch and anti-fog coating

Comfort

- Adjustable temple arms
- Soft adjustable nose bridge

Compatible with

- Compatible with other 3M PPE products



3M™ Fuel™ X2 Premium Line Spectacles

Lens colour: red mirror

Lens material: polycarbonate



3M™ Fuel™ X2 Premium Line Spectacles

Lens colour: bronze

Lens material: polycarbonate



3M™ Fuel™ X2 Premium Line Spectacles

Lens colour: clear

Lens material: polycarbonate



3M™ BX™ Premium Line Spectacles

The sleek, contoured and fully adjustable BX model is designed for today's flexible work force. Also available with bi-focal lenses which provide magnification for reading or precision work.

Features and Benefits:

Style

- Stylish and modern design

Premium Protection

- Anti-Fog coating reduces fogging and ensures clearer vision
- Excellent protection against flying particles

Comfort

- Soft tip temples to improve comfort
- Soft, universal-fit nose bridge
- Adjustable length temples with pantoscopic system (3 angles for custom fit)

Compatible with

- Special design for improved compatibility with other PPE



3M™ BX™ Premium Line Spectacles

Colour: clear

Lens material: polycarbonate



3M™ BX™ Premium Line Spectacles

Lens colour: grey

Lens material: polycarbonate



3M™ BX™ Readers Premium Line Spectacles

Lens colour: clear

Lens material: polycarbonate

3 focal strengths available:

+1.5, +2.0 and +2.5



3M™ LED Light Vision™ Premium Line Spectacles

The 3M™ LED Light Vision™ Premium Line Spectacles will allow you to light a dark zone while protecting your eyes and having hands-free for working.

This new innovation opens new horizons for safety: electrical work, car repair, DIY, mechanical work in dark environments, night time reading.

Features and Benefits:

Style

- Modern and stylish design

Premium Protection

- This safety spectacle is equipped with an adjustable ultra-bright LED with long battery life
- The polycarbonate anti-fog lens protects against UV and low energy impact at extreme temperatures

Comfort

- The frame has rubber temples and rubber nose pads for extra-comfort

Compatible with

- Provides excellent fit with a variety of other 3M PPE



3M™ LED Light Vision™ Premium Line Spectacles

Lens colour: clear

Lens material: polycarbonate



3M™ Headlights

Separate headlights compatible with all 3M™ spectacles.



NEW

3M™ Solus™ 1000 Series with 3M™ Scotchgard™ Anti-Fog Coating

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

- Provides scratch resistance and durability
- Provides superior anti-fog and anti-scratch properties, complying with K & N marking requirements of EN166
- 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™ 1201

Lens colour: clear

Also available in: 3M™ Solus™ 1202 grey
3M™ Solus™ 1203 amber

Lens material: polycarbonate

Frame colour: green/black



3M™ Solus™ 1101

Lens colour: clear

Also available in:
3M™ Solus™ 1102 grey
3M™ Solus™ 1103 amber

Lens material: polycarbonate

Frame Colour: blue/black



3M™ Solus™ 1101 Kit



3M™ Solus™ 1201 Kit

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



NEW

3M™ Goggle Gear 500 Series with 3M™ Scotchgard™ Anti-Fog Coating

3M™ Goggle Gear 501 has a low profile design, an adjustable headband and optional prescription insert. The goggle is available with a Scotchgard™ Anti-Fog 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
- Designed to be worn with 3M Goggle Gear prescription inserts

3M™ Scotchgard™ Anti-Fog Coating

- Provides scratch resistance and durability
- Provides superior anti-fog and anti-scratch properties, complying with K & N marking requirements of EN166
- 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

3M™ Goggle Gear Protective Eyewear 500

Lens colour: clear

Lens material: polycarbonate



Prescription insert

Lens colour: clear

Lens material: polycarbonate



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 with

- Special design for improved compatibility with other PPE

3M™ Maxim™ Hybrid Goggles

Colour: clear

Lens material: polycarbonate





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

Comfort

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

Compatible with

- Ideal combination with 3M™ Respirators 9300 Series and 4000 Series and the 3M™ Half Masks 7500 Series

3M™ Goggles 2890

Lens colour: clear

Lens material: polycarbonate



3M™ Goggles 2890A

Acetate lens

3M™ Goggles 2890S

Sealed polycarbonate lens

3M™ Goggles 2890SA

Sealed acetate lens



3M™ Safety Goggles 2895S

Sealed polycarbonate lens
Features shade 5 lens for welding and cutting



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)

Compatible with

- Special helmet version is compatible with Peltor™ Helmet G3000



3M™ Fahrenheit™ Comfort Goggle

Colour: clear

Lens material: polycarbonate



3M™ Fahrenheit™ for Peltor™ Helmet

Lens colour: clear

Lens material: acetate



3M™ Fahrenheit™ T-N-Wear

Lens colour: clear

Lens material: acetate

| 3M™ Eyewear | Lens Type | Impact Protection | Coating | Lens Filter and Shading | Visual Light Lens Transmittance | EN166 Lens Marking | Specialised field of use (see User Instructions) |
|------------------------|----------------------|-------------------|---------|-------------------------|---------------------------------|-----------------------|--|
| Over Spectacles | | | | | | | |
| 3M™ 2800 | PC Clear | FT | AS | 2C-1.2 | 88% | 2C-1.2 3M 1 FT | |
| 3M™ 2801 | PC Grey | FT | AS | 5-3.1 | 86% | 5-3.1 3M 1 FT | |
| 3M™ 2802 | PC Amber | FT | AS | 2-1.2 | 83% | 2-1.2 3M 1 FT | |
| 3M™ 2805 | PC Welding | FT | AS | 4-5 | 2% | 4-5 3M 1 FT | |
| Spectacles | | | | | | | |
| 3M™ SecureFit™ 200 | PC Clear | FT | AS | 2C-1.2 | 91% | 2C-1.2 3M 1 FT | |
| 3M™ SecureFit™ 200 | PC Clear | FT | AS/AF | 2C-1.2 | 91% | 2C-1.2 3M 1 FT | |
| 3M™ SecureFit™ 200 | PC Amber | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 FT | |
| 3M™ SecureFit™ 200 | PC Grey | FT | AS/AF | 5-3.1 | 13% | 5-3.1 3M 1 FT | |
| 3M™ SecureFit™ 400 | PC Clear | FT | AS/AF | 2C-1.2 | 91% | 2C-1.2 3M 1 FT | |
| 3M™ SecureFit™ 400 | PC Amber | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 FT | |
| 3M™ SecureFit™ 400 | PC Grey | FT | AS/AF | 5-3.1 | 13% | 5-3.1 3M 1 FT | |
| 3M™ SecureFit™ 400 | PC Indoor/Outdoor | FT | AS/AF | 5-1.7 | 54% | 5-1.7 3M 1 FT | |
| 3M™ SecureFit™ 400 | PC Blue Mirror | FT | AS/AF | 5-3.1 | 14% | 5-3.1 3M 1 FT | |
| 3M™ 2820 | PC Clear | FT | AS/AF | 2C-1.2 | 87% | 2C-1.2 3M 1 FT | |
| 3M™ 2821 | PC Amber | FT | AS/AF | 2-1.2 | 23% | 2-1.2 3M 1 FT | |
| 3M™ 2822 | PC Grey | FT | AS/AF | 5-2.5 | 82% | 5-2.5 3M 1 FT | |
| 3M™ Virtua™ AP | PC Clear | FT | AS | 2C-1.2 | 90% | 2C-1.2 3M 1 FT | |
| 3M™ Virtua™ AP | PC Grey | FT | AS | 5-2.5 | 21% | 5-2.5 3M 1 FT | |
| 3M™ Tora™ | PC Clear | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 FT | |
| 3M™ Tora™ | PC Amber | FT | AS/AF | 2C-1.2 | 27% | 2C-1.2 3M 1 FT | |
| 3M™ Tora™ | PC Bronze | FT | AS/AF | 5-2.5 | 86% | 5-2.5 3M 1 FT | |
| 3M™ Tora™ CCS | PC Clear | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 FT | Hearing |
| 3M™ 2840 | PC Clear | FT | AS/AF | 2C-1.2 | 88% | 2C-1.2 3M 1 FT | |
| 3M™ 2841 | PC Grey | FT | AS/AF | 5-2.5 | 23% | 5-2.5 3M 1 FT | |
| 3M™ 2842 | PC Amber | FT | AS/AF | 2-1.2 | 83% | 2-1.2 3M 1 FT | |
| 3M™ 2844 | PC Indoor/Outdoor | FT | Mirror | 5-1.7 | 49% | 5-1.7 3M 1 FT | |
| 3M™ 2845 | PC Shade 5 | FT | AS/AF | 5 | 2% | 5 3M 1 FT | |
| 3M™ 2846 | PC Red-Orange | FT | AS/AF | 2-1.7 | 47% | 2-1.7 3M 1 FT | |
| 3M™ Solus™ | PC Clear | FT | AS/AF | 2C-1.2 | 89% | 2C-1.2 3M 1 FT | |
| 3M™ Solus™ | PC Amber | FT | AS/AF | 2C-1.2 | 87% | 2C-1.2 3M 1 FT | |
| 3M™ Solus™ | PC Bronze | FT | AS/AF | 5-3.1 | 12% | 5-3.1 3M 1 FT | |
| 3M™ Solus™ | PC Indoor/Outdoor | FT | Mirror | 5-1.7 | 54% | 5-1.7 3M 1 FT | |
| 3M™ Solus™ | PC Red Mirror | FT | Mirror | 5-3.1 | 15% | 5-3.1 3M 1 FT | |
| 3M™ Maxim™ | PC Clear | FT | AS/AF | 2C-1.2 | 88% | 2C-1.2 3M 1 FT K N | |
| 3M™ Maxim™ Welding | PC Shade 5 | FT | AS/AF | 5 | 2% | 5 3M 1 FT K N | |
| 3M™ Maxim™ Ballistic | PC Clear | FT | AS/AF | 2C-1.2 | 88% | 2C-1.2 3M 1 FT K N | |
| 3M™ Maxim™ Ballistic | PC Amber | FT | AS/AF | 2C-1.2 | 88% | 2C-1.2 3M 1 FT K N | |
| 3M™ Maxim™ Ballistic | PC Bronze | FT | AS/AF | 5-3.1 | 14% | 5-3.1 3M 1 FT K N | |
| 3M™ Marcus Grönholm | PC Clear | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 F | |
| 3M™ Marcus Grönholm | PC Bronze | FT | AS/AF | 5-3.1 | 14% | 5-3.1 3M 1 F | |
| 3M™ Marcus Grönholm | PC Blue Mirror | FT | Mirror | 5-3.1 | 14% | 5-3.1 3M 1 F | |
| 3M™ Refine 300 | PC Clear | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 FT | |
| 3M™ Refine 300 | PC Mocha | FT | AS/AF | 5-3.1 | 17% | 5-3.1 3M 1 FT | |
| 3M™ Solus 1000 | PC Clear | FT | AS/AF | 2C-1.2 | 91% | 2C-1.2 3M 1 FT KN | |
| 3M™ Solus 1000 | PC Grey | FT | AS/AF | 5-3.1 | 14% | 5-3.1 3M 1 FT KN | |
| 3M™ Solus 1000 | PC Amber | FT | AS/AF | 2C-1.2 | 89% | 2C-1.2 3M 1 FT KN | |
| 3M™ Fuel™ X2 | PC Clear | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 FT | |
| 3M™ Fuel™ X2 | PC Bronze | FT | AS/AF | 5-3.1 | 9% | 5-3.1 3M 1 FT | |
| 3M™ Fuel™ X2 | PC Red Mirror | FT | Mirror | 5-3.1 | 15% | 5-3.1 3M 1 FT | |
| 3M™ BX™ | PC Clear | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 FT | |
| 3M™ BX™ | PC Grey | FT | AS/AF | 5-3.1 | 9% | 5-3.1 3M 1 FT | |
| 3M™ BX™ Readers | PC Clear | FT | AS/AF | 2C-1.2 | 90% | 2C-1.2 3M 1 FT, +1.50 | |
| 3M™ LED Light Vision™ | PC Clear | FT | AS/AF | 2C-1.2 | 86% | 2C-1.2 3M 1 FT | |
| Goggles | | | | | | | |
| 3M™ Maxim™ Hybrid | PC Clear | FT | AS/AF | NA | 88% | 3M 1 FT K N | 3 |
| 3M™ 2890 | PC Clear | BT | AS/AF | 2C-1.2 | 88% | 2C-1.2 3M 1 K N BT 9 | 3,4,9 |
| 3M™ 2890A | Acetate Clear | FT | AF | 2C-1.2 | 84% | 2C-1.2 3M 1 N FT | 3,4 |
| 3M™ 2890S | Sealed PC Clear | BT | AS/AF | 2C-1.2 | 88% | 2C-1.2 3M 1 K N BT 9 | 3,4,5,9 |
| 3M™ 2890SA | Sealed Acetate Clear | FT | AF | 2C-1.2 | 84% | 2C-1.2 3M 1 N FT | 3,4,5 |
| 3M™ 2895S | Sealed PC Shade 5 | BT | AS/AF | 5 | 2% | 5 3M 1 B K N | 3,4,5,9 |
| 3M™ Goggle Gear 500 | PC Clear | BT | AS/AF | 2C-1.2 | 89% | 2C-1.2 3M 1 BT KN | 3,4 |

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

1 - MECHANICAL WORK

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

2 - OUTSIDE WORK

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

3 - DRIVER

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

4 - CHEMICAL APPLICATION

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

| Mechanical work | Outside Work | Driver | Chemical Application | Metallurgy | Surface Inspection | Welding | 3M™ Eyewear |
|-----------------|--------------|--------|----------------------|------------|--------------------|---------|-----------------------------------|
| | | | | | | | Over Spectacles |
| y | | | | y | | | 3M™ 2800 (Clear) |
| y | y | y | | | | | 3M™ 2801 (Grey) |
| y | | | | | y | | 3M™ 2802 (Amber) |
| | | | | y | | y | 3M™ 2805 (Welding) |
| | | | | | | | Spectacles |
| y | | | | y | | | 3M™ SecureFit™ (Clear) |
| y | | | | y | | | 3M™ SecureFit™ (Clear) |
| y | | | | | y | | 3M™ SecureFit™ (Amber) |
| y | y | y | | | | | 3M™ SecureFit™ (Grey) |
| y | | | | y | | | 3M™ SecureFit™ (Clear) |
| y | | | | | y | | 3M™ SecureFit™ (Amber) |
| y | y | y | | | | | 3M™ SecureFit™ (Grey) |
| | y | y | | | | | 3M™ SecureFit™ (Indoor/Outdoor) |
| y | | y | | | | | 3M™ SecureFit™ (Blue Mirror) |
| y | | | | y | | | 3M™ 2820 (Clear) |
| y | | y | | | y | | 3M™ 2821 (Amber) |
| | y | y | | | | | 3M™ 2822 (Grey) |
| y | | | | y | | | 3M™ Virtua™ AP (Clear) |
| | y | y | | | | | 3M™ Virtua™ AP (Grey) |
| y | | | | y | | | 3M™ Tora™ (Clear) |
| y | | y | | | y | | 3M™ Tora™ (Amber) |
| y | y | y | | | | | 3M™ Tora™ (Bronze) |
| y | | | | y | | | 3M™ Tora™ CCS (Clear) |
| y | | | | y | | | 3M™ 2840 (Clear) |
| | y | y | | | | | 3M™ 2841 (Grey) |
| y | | y | | | y | | 3M™ 2842 (Amber) |
| | y | y | | | | | 3M™ 2844 (Indoor/Outdoor) |
| | | | | y | | y | 3M™ 2845 (Shade 5) |
| y | | | | | y | | 3M™ 2846 (Red-Orange) |
| y | | | | y | | | 3M™ Solus™ (Clear) |
| | | y | | | y | | 3M™ Solus™ (Amber) |
| | y | y | | | | | 3M™ Solus™ (Bronze) |
| | y | y | | | | | 3M™ Solus™ (Indoor/Outdoor) |
| | y | | | | | | 3M™ Solus™ (Red Mirror) |
| y | | | | y | | | 3M™ Maxim™ (Clear) |
| | | | | y | | y | 3M™ Maxim™ Welding (Shade 5) |
| y | | | | | | | 3M™ Maxim™ Ballistic (Clear) |
| y | | y | | | y | | 3M™ Maxim™ Ballistic (Amber) |
| y | y | y | | | | | 3M™ Maxim™ Ballistic (Bronze) |
| y | | y | | | | | 3M™ Marcus Grönholm (Clear) |
| y | y | y | | | | | 3M™ Marcus Grönholm (Bronze) |
| y | | y | | | | | 3M™ Marcus Grönholm (Blue Mirror) |
| y | | | | y | | | 3M™ Refine 300 (Clear) |
| | y | y | | | | | 3M™ Refine 300 (Mocha) |
| y | | | | y | | | 3M™ Solus 1000 (Clear) |
| y | y | y | | | | | 3M™ Solus 1000 (Grey) |
| y | | | | y | | | 3M™ Solus 1000 (Amber) |
| y | | | | | | | 3M™ Fuel™ X2 (Clear) |
| y | y | y | | | | | 3M™ Fuel™ X2 (Bronze) |
| y | y | | | | | | 3M™ Fuel™ X2 (Red Mirror) |
| y | | | | y | | | 3M™ BX™ (Clear) |
| | y | | | | | | 3M™ BX™ (Grey) |
| y | | | | y | | | 3M™ BX™ Readers (Clear) |
| y | | | | | | | 3M™ LED Light Vision™ (Clear) |
| | | | | | | | Goggles |
| y | | | | | | | 3M™ Maxim™ Hybrid (Clear) |
| y | | | | | | | 3M™ 2890 (Clear) |
| | | | y | y | | | 3M™ 2890A (Clear) |
| y | | | | | | | 3M™ 2890S (Clear) |
| | | | y | y | | | 3M™ 2890SA (Clear) |
| y | | | | y | | y | 3M™ 2895S (Shade 5) |
| y | | | | | | | 3M™ Goggle Gear 500 |

5 - METALLURGY

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

6 - SURFACE INSPECTION

Quality control, Wood lamp, curing
RISKS: Ultraviolet, Blue light

7 - WELDING

Welders assistant, brazing, gas welding, oxy-cutting
RISKS: Ultraviolet, glare, infrared, sparks

For additional eyewear options, please see our Eye Protection Catalogue.