

3M Safety Solutions – OH&ESD  
Eye Protection Products



Engineered  
for Safety  
Designed for Style

The Power to Protect Your World.™



# Introduction

3M is the world leader in protective equipment and has over 100 years of experience in the optical safety field. We are proud to work with our customers to ensure that their choice of safety spectacle gives them the best chance of achieving full compliance. With the acquisition of Peltor™ we have broadened our portfolio of premium eyewear, a core element of our PPE range.

We are there for you with the right 3M safety solutions. We serve as a beacon to those who aspire to make a profound, positive and lasting impact on workplace health and safety. 3M is at the forefront of product innovation giving you the confidence and power to protect your world.

“The race team guys wear 3M safety sunglasses because they’re comfortable, they look good, and they’re protected.”



*Steve  
Martin*

Force India has risen through the ranks of the sport over the past three years, taking tangible steps towards securing front-runner status in Formula One. Steve Martin is Health and Safety Officer for the team.

“If someone is going to put a pair of safety glasses on, or use hearing protection, or even use a mask with glasses, then all elements need to be compatible to achieve results. We get this with 3M.

The other great thing about 3M is the global nature of supply. We can travel to 20 countries around the world, go into shops that supply 3M with a PPE need and be confident that anything we find will complement our existing stock of 3M products at the track. I want to know exactly what PPE products all of our staff are wearing. We can do that with 3M.”

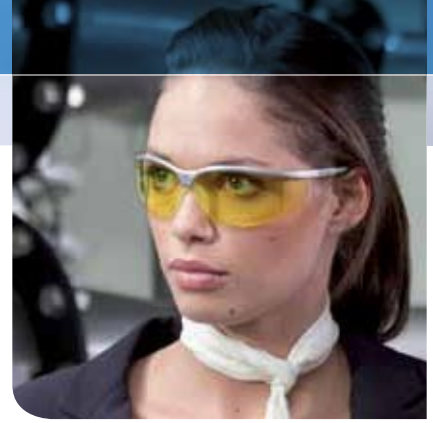
– **Steve Martin, Health & Safety Officer**  
**Force India Formula One**  
**Silverstone, England**

# Contents

The 3M™ protective eyewear range is split into three main areas to cover every safety requirement:

- Premium range: offers attractive styling, increased wearer comfort and fit
- Comfort range: includes modern designs, high wearer comfort and reliable protection
- Classic range: lightweight, offers cost-effective protection and maximum comfort

In addition, Specialist eyewear offers protection in niche applications.



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# Style & Protection

## Comfort

Even the best safety solutions in the world can't always protect. Over 70% of employees stated that they don't wear eyewear when needed because it isn't comfortable enough\*. This shows the importance of achieving a balance of comfort and safety. We work across continents, industries, and product categories to deliver 3M innovation in comfort for our customers. Many products come with adjustable features and soft materials at points of contact in order to improve fit and comfort, and to accommodate different face sizes and shapes.

## Protection

Over 50% of people who have used 3M safety spectacles said they used 3M products because of the quality, protection provided and especially comfort\*. This, combined with very high brand awareness, demonstrates that our product range is viewed very positively within the market. The broad range of eyewear products include durable anti-scratch and convenient anti-fog coatings and are all approved to EN166:2001 and are CE marked.

## Style

Style and appearance of PPE can help increase employee engagement whilst employees feel proud of wearing stylish and modern looking eyewear. The 3M range of eye protection offers a variety of leading edge products to choose from.

## Compatibility

Eye protection often needs to be worn in conjunction with other protective equipment and it is essential that comfort and fit with other PPE is maintained. Most of the eyewear range can be used in combination with respiratory and hearing protection from 3M. Compatibility with other PPE will be subject to a number of variable factors which require the employer and end user to decide on an appropriate selection depending on individual needs.

\*Data Source: 3M End User Research Feb 2010

## Features Explained



ASPHERICAL LENS

### Aspherical Lens

Most lenses are constructed using spherical curves (sections from a ball shape) which are of constant curvature. The human face has irregular curves which are better followed by an aspheric (non spherical) curve.



ANTI-SCRATCH

### Anti-Scratch Coating (AS)

Super multi-layered coating providing extreme protection from abrasion.



ADJUSTABLE ARMS

### Adjustable Arms

Gives the ability to extend or shorten spectacle arms.



DUST

### Dust

Careful design of ventilation features resists the penetration of large dust particles to provide protection for the user.



ANTI-FOG

### Anti-Fog Coating (AF)

This coating reduces fogging.



ADJUSTABLE ANGLE

### Adjustable Angle

Gives the ability to change the angle of the spectacles to suit different face shapes.



SPLASH

### Liquid Splash or Droplets

The ventilation and coverage features give protection to the user in the event of accidental splashes or spray of hazardous liquids.



DX COATING

### DX Coating

A state of the art coating provides an extreme protection against mist, scratches, static and provides chemical resistance.



ROTATING TIPS

### Rotating Tips

New soft material rotating tips to hold the eyewear in place in all situations.



MOLTEN METAL

### Molten Metal

The design provides resistance to penetration and adhesion of molten metal.



MIRROR

### Mirror Coating

Specific sun glare coating providing protection against scratches, UV, sunlight and glare by reflecting harmful light.



WITH CORD

### Comes with Cord

Cord included which fits to spectacle and when hung around the neck, enables the user to have them readily accessible.



WITH POUCH

### Comes with Pouch

Soft microfiber pouch included which is suitable for lens cleaning.



# Premium Spectacles

Our extensive premium eyewear range offers attractive styling which also gives the wearer increased comfort due to a number of additional advanced features including anti-fog lens coatings, adjustable arms, soft temple tips and many more features.

**NEW**

## 3M™ Fuel™ X2 Spectacles

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 helps ensure that protection and performance remain uncompromised.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71506-00000M	UV	2C-1.2 3M 1 FT
PC - Bronze	71506-00001M	Solar - Glare	5-3.1 3M 1 FT
PC - Red Mirror	71502-00002M	Solar - Glare	5-3.1 3M 1 FT



71506-00000M



71502-00002M

**NEW**

## 3M™ 1200E Spectacles

With inspired designs, low energy impact lenses and a solid lightweight half frame construction, the new 1200E style delivers the looks, attitude and brand that workers want to wear.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71509-00000M	UV	2C-1.2 3M 1 FT
PC - Grey	71509-00001M	Solar	5-3.1 3M 1 FT



71509-00000M



71509-00001M



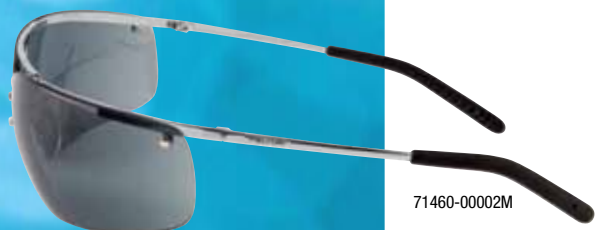
71507-00000M



71507-00001M



71460-00001M



71460-00002M

**NEW**

## 3M™ Refine™ 300 Spectacles

Better fit means better protection. Refine™ 300 safety eyewear is especially designed to fit smaller head and face shapes. 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 and compliance.



ANTI-SCRATCH



ANTI-FOG

Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71507-00000M	UV	2C-1.2 3M 1 FT
PC - Bronze	71507-00001M	Solar	5-3.1 3M 1 FT

## 3M™ Metaliks™ Spectacles

Polished metal frame with a sleek 10-base de-centered twin lens for optimum eye coverage and optimal field of vision. Comfortable spatula temples with soft tips for a perfect fit. Soft adjustable nose pads to custom fit virtually all face shapes and sizes.



ANTI-SCRATCH



ANTI-FOG

Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71460-00001M	UV	2C-1.2 3M 1 F
PC - Grey	71460-00002M	Solar	5-3.1 3M 1 F

## 3M™ Marcus Gronholm Spectacles

Stylish full metal frames with adjustable nosepiece. Formable rubber tipped temples for extra comfort and adjustability. Flat temples with spring hinges to improve fit under a helmet. De-centered polycarbonate twin lens, deeply curved for superior eye coverage and optimal field of view. Large size also available.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71462-00001M	UV	2C-1.2 3M 1 F
PC - Bronze	71462-00002M	Solar - Blue light	5-3.1 3M 1 F
PC - Blue Mirror	71462-00003M	Solar - Glare - Yellow	5-3.1 3M 1 F
<b>Large Size</b>			
PC - Clear	71462-00004M	UV	2C-1.2 3M 1 F



71462-00001M



71462-00003M

## 3M™ Metaliks™ Sport Spectacles

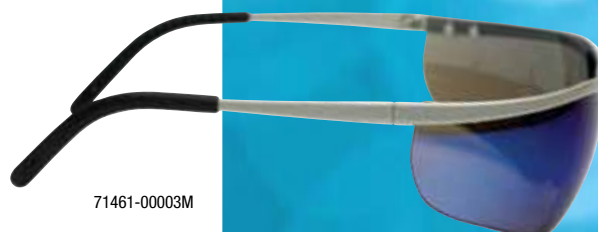
Half metal frames with saddle type nosepiece. Formable rubber tipped temples for extra comfort and adjustability. De-centered polycarbonate twin lens, strongly curved for superior eye coverage and optimal field of vision.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71461-00001M	UV	2C-1.2 3M 1 FT
PC - Yellow	71461-00002M	UV - Blue light	2C-1.2 3M 1 FT
PC - Blue Mirror	71461-00003M	Solar - Glare	5-3.1 3M 1 FT
PC - Grey	71461-00004M	Solar	5-3.1 3M 1 FT



71461-00002M

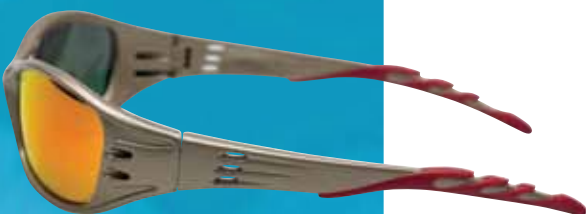


71461-00003M

Can't decide which style is right for you?  
 Visit [www.3Meyecatchingprotection.co.uk](http://www.3Meyecatchingprotection.co.uk)  
 to try our range on and see for yourself!



71502-00001M



71502-00003M

## 3M™ Fuel™ Spectacles

Designed to be worn at work, at home or during outdoor recreational activities. 3M™ Fuel™ High-Performance safety glasses are made from a high density nylon material for impact, torsion and extreme heat resistance. The frame's moulded lens supports prevent the lenses from being dislodged by a strong frontal impact. Ventilation system on nose bridge and temples to help prevent fogging.



Lens Colour	Product Code	Filter	Lens Marking
PC - I/O Mirror	71502-00001M	Solar - Glare	5-1.7 3M 1 FT
PC - Blue Mirror	71502-00002M	Solar - Glare	5-3.1 3M 1 FT
PC - Red Mirror	71502-00003M	Solar - Glare	5-3.1 3M 1 FT
PC - Bronze	71502-00004M	Solar - Blue light	5-3.1 3M 1 FT
PC - Polarised	71502-00005M	Solar - Glare	5-3.1 3M 1 FT



2750



2751

## 3M™ 2750 Spectacles

3M™ 2750 Spectacles combine attractive and modern styling with a wraparound design for increased wearer confidence. They are available in 2 lens options. Soft, comfortable, ventilated nose bridge. Adjustable temple length offers 5 positions to suit the individual. Slim nose bridge and flat temples to help improve fit with other PPE. Works well with 3M™ Aura™ 9300+ Series Respirators and 3M™ 4000 Series Respirators and the 3M™ 7500 Series Half Masks.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	2750	UV	2C-1.2 3M 1 FT
PC - Grey	2751	Solar	5-2.5 3M 1 FT





# Comfort Spectacles

Comfort is a key issue when it comes to encouraging employees to wear their protective eyewear consistently for long periods. This series offers great wearer comfort! Our range offers the wearer reliable protection that includes modern designs and styles.

## 3M™ 2840 Spectacles

With a unique style, the 3M™ 2840 Spectacles have been designed with user comfort and convenience in mind. The temples are fully inclinable and adjustable in length for optimal fit (3 positions). The soft dual moulded padding on the temple offers increased comfort and has an integrated browguard for increased protection. Inclinable lens enabling individual adjustment and optimal personal fit. Works well with 3M™ Aura™ 9300+ Series Respirators and 3M™ 4000 Series Respirators and the 3M™ 7500 Series Half Masks.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	2840	UV	2C-1.2 3M 1 FT
PC - Grey	2841	Solar	5-2.5 3M 1 FT
PC - Yellow	2842	UV - Blue light	2-1.2 3M 1 FT
PC - I/O Mirror	2844	Solar Glare	5-1.7 3M 1 FT
PC - Shade 5	2845	Welding (UV-IR)	5 3M 1 FT
PC - Orange	2846	UV - Blue light	2-1.7 3M 1 FT



2841



2842

## 3M™ Maxim™ Spectacles

The aspherical lens provides 180° of Pure Vision and offers superior eye coverage. Ventilation channel across the lens to help minimise misting. DX Coating to resist fogging, scratching and chemicals. Soft, universal-fit nosebridge. Dual-injected cushion browguard for extra comfort and shock absorption. Adjustable length temples and angle adjustment for improved comfort and fit. Welding filter options provide protection against impact, UV, visible light and IR. Conforms to European Standards EN166 and EN169.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	13225-00000M	UV	2C-1.2 3M 1 FT
PC - Bronze	13226-00000M	Solar - Blue light	5-3.1 3M 1 FT
PC - I/O Mirror	13227-00000M	Solar - Glare	5-1.7 3M 1 FT
PC - Yellow	13228-00000M	UV - Blue light	2-1.2 3M 1 FT
PC - Clear	13229-00000M	UV	2C-1.2 3M 1 FT
PC - 3.0	13323-00000M	Welding (UV-IR)	3 3M 1 FT
PC - 5.0	13324-00000M	Welding (UV-IR)	5 3M 1 FT



13225-00000M



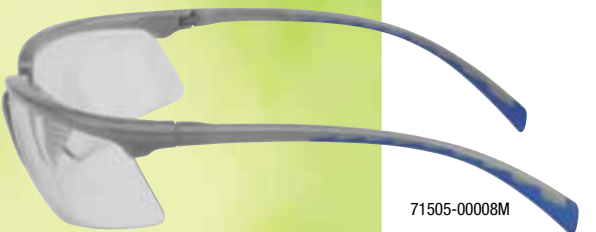
13228-00000M



2740



2741



71505-00008M



71505-00009M

## 3M™ 2740 Spectacles

The 3M™ 2740 Spectacles combine a modern design with various adjustment options leading to increased comfort and protection. They are available in 3 lens options. Stylish and modern design. Temple pivots enabling the user to adjust the lens angle providing optimal fit and comfort. Adjustable temple length offers a secure and comfortable fit to suit the individual. Soft temple tips reduce pressure making them extremely comfortable to wear.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	2740	UV	2C-1.2 3M 1 FT
PC - Grey	2741	Solar	5-2 3M 1 FT
PC - Yellow	2742	UV - Blue light	2-1.2 3M 1 FT

## 3M™ Solus™ Spectacles

From colour-accented temples, to the high profile dual lens look of fashion street wear, Solus™ brings sophistication and comfort to safety eyewear. The purity of the lens design gives the wearer a freedom of vision and at only 23g offers a high level of comfort. The lens curve has been calculated to optimise the fitting, field of vision and coverage of the eyes. 3M™ Solus™ Spectacles are also available in a blue lens with a light Flash Mirror coating to remove eye stress and fatigue often occurring in monochromatic (single colour) yellow lit environments. Perfect in work environments where there is strong glare from bright lighting (outdoor, semiconductor fabrication, photolithography and similar industries where there are medium to high levels of yellow incandescent/fluorescent lamps, or high and low pressure sodium vapour lighting). The Flash Mirror coating will also help to reflect the glare for extra comfort for the eyes.



Lens Colour	Product Code	Filter	Lens Marking	Frame	Coating
PC - Clear	71505-00001M	UV	2C-1.2 3M 1 FT		AS
PC - Clear	71505-00002M	UV	2C-1.2 3M 1 FT		AS-AF
PC - Bronze	71505-00003M	Solar - Blue light	5-3.1 3M 1 FT		AS-AF
PC - Yellow	71505-00004M	UV - Blue light	2C-1.2 3M 1 FT		AS-AF
PC - I/O (Mirror)	71505-00005M	Solar - Glare	5-1.7 3M 1 FT		Mirror
PC - Red Mirror	71505-00006M	Solar - Glare	5-3.1 3M 1 FT		Mirror
PC - Clear	71505-00007M	UV	2C-1.2 3M 1 FT		AS
PC - Clear	71505-00008M	UV	2C-1.2 3M 1 FT		AS-AF
PC - Blue Mirror	71505-00009M	Solar - Glare - Yellow	5-3.1 3M 1 FT		Mirror



# Classic Spectacles

Our classic series offers lightweight single moulded protective eyewear that is cost effective, yet very comfortable. All 3M eyewear is approved to EN166:2001 and is CE marked.

## 3M™ 2720 Spectacles

Cost effective protection and comfort. 3M™ 2720 Classic Line Spectacles are lightweight and offer the wearer high levels of comfort together with reliable protection. They are available in 3 lens options. Lightweight and comfortable with a stylish and modern design. Slim nose bridge and flat temples for improved compatibility with other PPE. Combines well with 3M™ Aura™ 9300+ Series Respirators.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	2720	UV	2C-1.2 3M 1 FT
PC - Grey	2721	Solar	5-2.5 3M 1 FT
PC - Yellow	2722	UV - Blue light	2C-1.2 3M 1 FT



2720



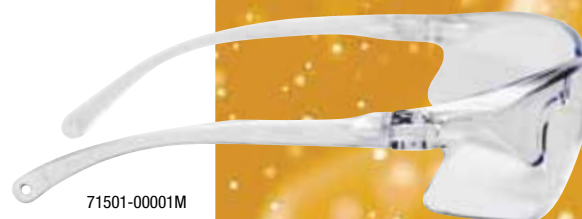
2721

## 3M™ Tora™ Spectacles

Lenses and temples in combined colours intensify the contemporary smart look. They offer excellent peripheral vision and good lateral side protection. Extremely lightweight at only 22g. 3M™ Tora™ Spectacles' cool image and perfect fit makes this line of 3M™ Protective Eyewear very popular amongst younger members of staff.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71501-00001M	UV	2C-1.2 3M 1 FT
PC - Bronze	71501-00002M	Solar - Blue light	5-2.5 3M 1 FT
PC - Yellow	71501-00003M	UV - Blue light	2C-1.2 3M 1 FT



71501-00001M



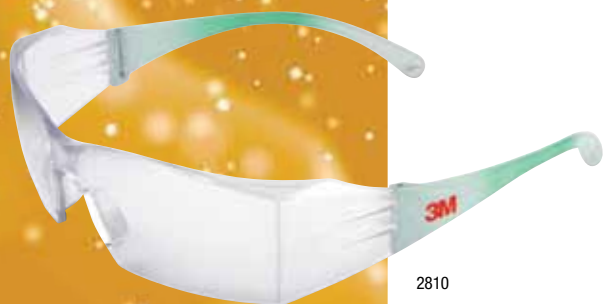
71501-00002M



2821



2822



2810

## 3M™ 2820 Spectacles




Safety with style. Very lightweight, the 3M™ 2820 Spectacles are a sleek, modern design offering excellent coverage and field of vision. They are available in 3 lens options. Soft flexible temples offer improved comfort. Combines well with 3M™ Aura™ 9300+ Series Respirators.



ANTI-SCRATCH



ANTI-FOG

Lens Colour	Product Code	Filter	Lens Marking
 PC - Clear	2820	UV	2C-1.2 3M 1 FT
 PC - Grey	2821	Solar	5-2.5 3M 1 FT
 PC - Yellow	2822	UV - Blue light	2-1.2 3M 1 FT

## 3M™ 2810 Spectacles

Very lightweight, the 3M™ 2810 Spectacles combine the more traditional style of safety spectacle with an attractive appearance. The flat flexible temples with satin finish enhance the style and user comfort and offer improved fit with hearing protection. Very lightweight (21g) and design is excellent for a smaller face size. Combines well with 3M™ Aura™ 9300+ Series Respirators.

Lens Colour	Product Code	Filter	Lens Marking
 PC - Clear	2810	UV	2C-1.2 3M 1 FT

Can't decide which style is right for you?  
 Visit [www.3Meyecatchingprotection.co.uk](http://www.3Meyecatchingprotection.co.uk)  
 to try our range on and see for yourself!

**NEW**

## 3M™ Virtua™ AP Spectacles

The new 3M™ Virtua™ AP Spectacles feature a graceful, unisex styling and lightweight comfort to help promote compliance. A protective brow bar to help guard against particulates. Impact resistant, 3-piece polycarbonate construction with integral side-shields provides maximum protection at an affordable price.



ANTI-SCRATCH

Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71512-00000M	UV	2C-1.2 3M 1 FT
PC - Grey	71512-00001M	UV	5-2.5 3M 1 FT



71512-00000M



71512-00001M

## Specialist Spectacles

3M's specialist range offers a wide range of protective eyewear for demanding situations. Whether it's addressing the need for light resistant eyewear, combining with other PPE, different lens powers, welding or precision work, this range offers eyewear for diverse scenarios.



## 3M™ LED Light Vision™ Spectacles

This safety spectacle is equipped with an adjustable ultra-bright LED with long battery life (over 50 hours). The 2 lithium CR2032 batteries are included and can be easily changed. The frame has rubber temples and rubber nose pads for extra comfort. The polycarbonate anti-fog lens protects against UV and impact at extreme temperatures. 3M™ LED Light Vision™ 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, plumbing, home-work, mechanical work in dark environments, night time reading.



ANTI-SCRATCH

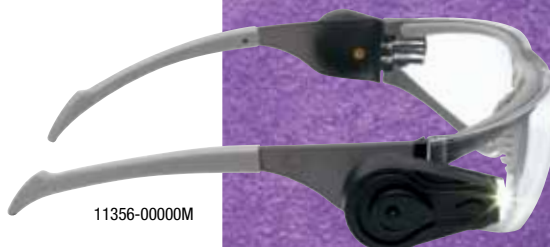


ANTI-FOG



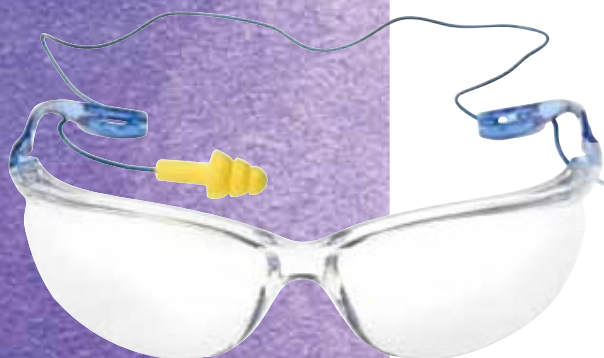
WITH POUCH

Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	11356-00000M	UV	2C-1.2 3M 1 FT

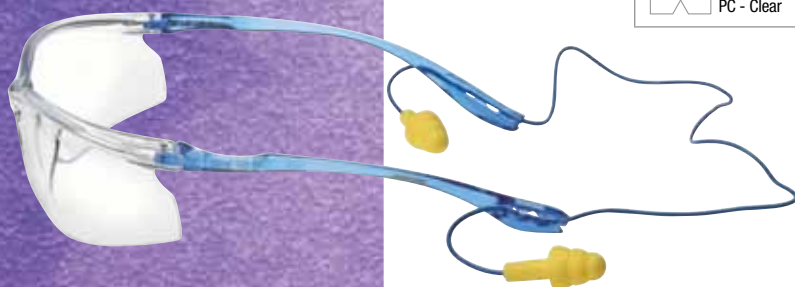


11356-00000M





71511-00000M



**NEW**

## 3M™ Tora™ CCS Spectacles

The new 3M™ Tora™ CCS protective eyewear features the integral 3M™ Cord Control System (CCS). CCS is designed to keep corded earplugs attached, untangled and ready for use. The earplug cord can also be used as a lanyard and worn around the neck to carry eyewear when neither product is in use.



ANTI-SCRATCH



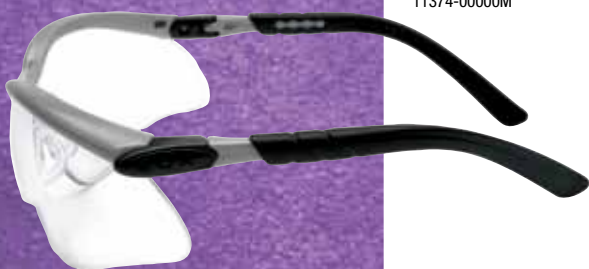
ANTI-FOG

Earplugs supplied separately.

Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71511-00000M	UV	2C-1.2 3M 1 FT



11374-00000M



## 3M™ BX™ Readers Spectacles

3M™ BX™ Readers Spectacles with injected bi-focal polycarbonate lenses available in 3 powers: +1.50, +2.00 and +2.50 dioptres. The bottom part of the lens with the prescription allows magnification for reading or precision work, while giving excellent protection against flying particles and has an anti-fog coating.



ADJUSTABLE ARMS



ADJUSTABLE ANGLE



ANTI-SCRATCH



ANTI-FOG

Lens Colour	Product Code	Filter	Lens Power	Lens Marking
PC - Clear	11374-00000M	UV	+1.50	2C-1.2 3M 1 FT, +1.50
PC - Clear	11375-00000M	UV	+2.00	2C-1.2 3M 1 FT, +2.00
PC - Clear	11376-00000M	UV	+2.50	2C-1.2 3M 1 FT, +2.50

## 3M™ Eagle™ Near Vision Spectacles

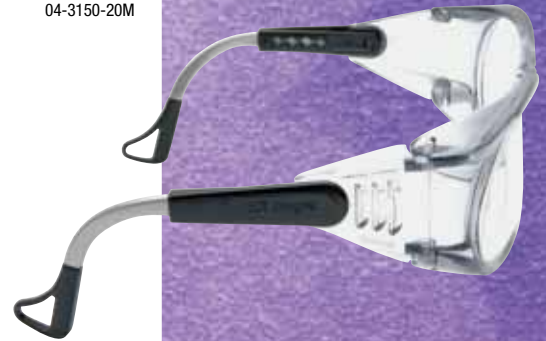
3M™ Eagle™ Near Vision Spectacles with fully-adjustable temples fitted with single vision clear polycarbonate lenses. Available in 3 lens powers: +1.50, +2.00 and +2.50. Magnification lenses for working with small detail (precision work, quality control, work with electronic components).



Lens Colour	Product Code	Filter	Lens Power	Lens Marking
PC - Clear	04-3150-20M	UV	+1.50	2C-1.2 3M 1 F K, +1.50
PC - Clear	04-3200-20M	UV	+2.00	2C-1.2 3M 1 F K, +2.00
PC - Clear	04-3250-20M	UV	+2.50	2C-1.2 3M 1 F K, +2.50



04-3150-20M



## 3M™ Eagle™ Welding Spectacles

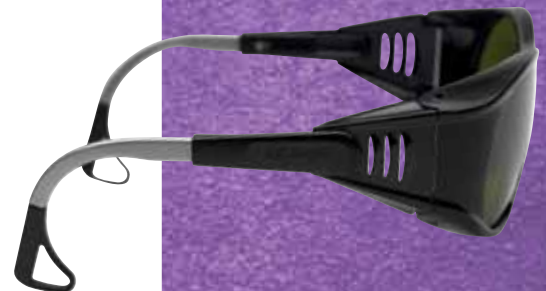
The polycarbonate lens reduces the UV and IR levels and provides eye comfort by controlling visible light. Can be used in certain situations where UV, IR or visible light creates a risk. Available in shade 3.0 (welder's assistant) up to 7.0 (oxy cutting).



Lens Colour	Product Code	Filter	Lens Marking
PC - 3.0	27-3024-03M	Welding (UV-IR)	3 3M 1 F
PC - 5.0	27-3024-05M	Welding (UV-IR)	5 3M 1 F
PC - 7.0	27-3024-07M	Welding (UV-IR)	7 3M 1 F



27-3024-03M



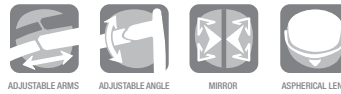


13325-00000M



## 3M™ Maxim™ Minimizer Spectacles

This unique filter provides UV, glare and IR protection while allowing good visibility (50% of light transmittance) with perfect colour recognition. Perfect for a welder's assistant and welding environment.



Lens Colour	Product Code	Filter	Lens Marking
PC - Minimizer	13325-00000M	Welding (UV-IR)	6-1.7 3M 1 FT



13296-00000M



## 3M™ Maxim™ Ballistic Spectacles

In addition to the 3M™ Maxim™ benefits of an aspherical lens and the soft adjustable nose bridge, this specific model has short flat temples with pantoscopic adjustment. Can be worn in combination with a helmet and/or ear muffs, this model exceeds Military VO test regimen for high velocity impact (Standard MIL-STD 662 - impact at 98m/s).



Specially designed for Peltor™ Ear Muffs.

## 3M™ Maxim™ Ballistic Utility Pack

The perfect belt-pack for military/police personnel, utility service or regular leisure users. The black case contains three lens colours: clear, bronze and yellow. Comes with flat temples and an adjustable nylon headband. The headband can also be bought separately (Ref: 16610-00000M).

Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	13296-00000M	UV	2C-1.2 3M 1 FT
PC - Bronze	13297-00000M	Solar - Blue light	5-3.1 3M 1 FT
PC - I/O Mirror	13298-00000M	Solar - Glare	5-1.7 3M 1 FT
PC - Yellow	13299-00000M	UV - Blue light	2-1.2 3M 1 FT
<b>Maxim™ Ballistic Utility Pack</b>			
PC - Clear	13200-99999M	UV	2C-1.2 3M 1 FT
PC - Bronze	13200-99999M	Solar - Blue light	5-3.1 3M 1 FT
PC - Yellow	13200-99999M	UV - Blue light	2-1.2 3M 1 FT





# Specialist Goggles

Our specialist goggles range offers high comfort and protection in demanding situations. Whether it's addressing the need for it to be used in conjunction with other PPE or requires ventilation to release heat and assist in fog disipation, this range offers goggles for diverse scenarios.

## 3M™ Maxim™ 2x2 Air Seal Goggles

Revolutionary safety frame able to switch from temples to a headband in a few seconds. Thanks to a quick and easy system, you can change the flat temples into a broad elastic strap for a secure fit. This advanced dual lens design also features the Air Seal for superior comfort and high impact absorption. A venting system has been designed to release heat and assist in fog reduction.



Lens Colour	Product Code	Filter	Protection	Lens Marking
PC - Clear	71504-00002M	UV	Impact	2C-1.2 3M 1 FT



Changing headband and temple is quick and easy.



71504-00002M



## 3M™ Maxim™ Hybrid Goggles

The 3M™ Maxim™ Hybrid Goggles are a very lightweight low profile form of eyewear protection which provide the same protection as standard goggles. This new product provides high comfort and protection against liquid droplets and mechanical hazards. The high performance ventilation system overcomes fogging problems while keeping liquids and dust out of the goggles. The comfortable nylon head strap is adjustable thanks to a pivoting clip system that is easy to operate and provides a secure fit. Replacement lens also available.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	13330-00000M	-	2C-1.2 3M 1 FT
<b>Replacement Lens</b> PC - Clear	13330-10000M	-	2C-1.2 3M 1 FT



13330-00000M





## Comfort Goggles

Comfort is a key issue when it comes to encouraging employees to wear their protective goggles consistently for long periods. This series sets new benchmarks in wearer comfort! Our range offers the wearer reliable protection against impact, dust and chemical splashes. Can be worn with other PPE and the range also includes a half face visor accessory.



2890



### 3M™ 2890 Goggles

The 3M™ 2890 Goggles feature a modern, slim design and are available with four different options using either an acetate or polycarbonate lens with either sealed (3M™ 2890S and 3M™ 2890SA) or indirect ventilation. They are suitable for a number of different applications where versatile, comfortable goggles are required.

Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	2890	UV	2C-1.2 3M 1 K N BT 9
Acetate - Clear	2890A	UV	2C-1.2 3M 1 N FT
PC - Clear	2890S	UV	2C-1.2 3M 1 K N BT 9
Acetate - Clear	2890SA	UV	2C-1.2 3M 1 N FT

### 3M™ Modul-R Goggles

Very lightweight low profile goggles with TPE (thermoplastic elastomer) body providing incredible comfort and protection against impact, dust and chemical splashes. TPE is a material used in some respirator facepieces for its softness at extreme temperature and for its excellent resistance to chemical products. The high performance ventilation system overcomes fogging problems while keeping liquids and dust out of the goggles. The nylon head strap is adjustable and thanks to a pivoting clip system, the wearer can position the goggles on a helmet. The anti-scratch/anti-fog coated polycarbonate lens provides a distortion free field of view thanks to a highly curved form. The low profile design allows the wearer to use 3M™ Modul-R Goggles in combination with other PPE.



71361-00001M



### 3M™ Modul-R Half Visor

Polycarbonate Half-Visor with adjustable ventilation system (closed or open position). Very easy strap clip attachment system. Can only be used in conjunction with the Modul-R Goggle.



71361-00003M

Lens Colour	Product Code	Ventilation	Headband	Filter	Lens Marking
PC - Clear	71361-00001M	Indirect	Nylon	UV	2C-1.2 3M 1 BT
<b>Replacement Lens</b> PC - Clear	71361-00002M	•	•	UV	2C-1.2 3M 1 BT
<b>Half Visor</b> PC - Clear	71361-00003M	Direct, Non-vented	-	-	-



## 3M™ Fahrenheit™ Goggles

Soft PVC crystal frame with a wide support area all around the face to enhance comfort. Specific channel on the side of the frame to accommodate the temple of prescription frames. Aerodynamic shape with cylindrical lens for 180° of distortion-free vision. Model fits well with prescription glasses, disposable respirators and half-masks. Indirect ventilation system to prevent fog, liquids and dust. The non-vented version also provides protection against gas and fumes. Wide nylon elastic strap (25mm) which is easily adjustable thanks to a buckle system and to a pivoting strap attachment mechanism. Available in polycarbonate (mechanical work) and acetate (chemical application).



71360-00001M

Lens Colour	Product Code	Headband	Ventilation	Coating	Filter	Lens Marking
PC - Clear	71360-00001M	Nylon	Indirect	AS-AF	UV	2C-1.2 3M 1 BT
PC - Clear	71360-00002M	Nylon	Indirect	AS	UV	2C-1.2 3M 1 BT
Acetate - Clear	71360-00005M	Neoprene	Non-vented	AS-AF	UV	2C-1.2 3M 1 B 9

## 3M™ Fahrenheit™ T-N-Wear Goggles

This specific model has been specially designed for painting, plastering, cement or grinding dust. Based on the proven technology used on professional racing helmets, the Tear-N-Wear view strip uses a clear polyester adhesive system which avoids light diffusion and eliminates distortion. The 3M™ Fahrenheit™ T-N-Wear Goggles come ready and loaded with 2 polyester films that can be immediately removed and easily replaced. These reusable goggles have a Neoprene elastic headband and an anti-mist Acetate lens for excellent heat, chemical and scratch resistance. Replacement strips are available in packs of 10.



71360-00003M

Lens Colour	Product Code	Headband	Ventilation	Filter	Lens Marking
Acetate - Clear	71360-00003M	Neoprene	Indirect	UV	2C-1.2 3M 1 B 9



71359-0000M



71347-00001M

## Classic Goggles

Our Classic goggles series offers many great benefits to the wearer from improved comfort with our cooling ventilation system and high level impact protection.

### 3M™ 4700 and 3M™ 4800 Goggles

The 3M™ 4700 Goggles have direct ventilation for cooling comfort while offering the highest level of impact protection. The 3M™ 4800 are good all round goggles that provide protection against liquid splash and dust.



Lens Colour	Product Code	Coating	Lens Marking
4700 PC - Clear	71359-0000M		3-1.2 3M 1 B
4800 PC - Clear	71347-00001M		3-1.2 3M 1 B
4800 PC - Clear	71347-00004M	AF	3-1.2 3M 1 B



2800

## Comfort Overspectacles

Our overspectacles are designed to fit over most prescription spectacles with minimal interference. They offer an adjustable and comfortable fit, providing excellent coverage and field of vision, combined with a good level of protection against impacts.

### 3M™ 2800 Overspectacles

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. Adjustable length temples (four 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 spectacles.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	2800	UV	2C-1.2 3M 1 FT

## 3M™ OX 2000 Overspectacles

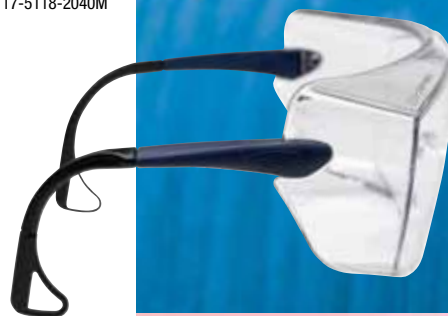
3M™ OX 2000 Overspectacles come with adjustable lock-in temples (5 positions) and rotating tips (excellent grip in all positions). The flatter polycarbonate screen features the DX Coating for perfect protection against mist and provides chemical resistance.



Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	17-5118-2040M	UV	2-1.2 3M 1 F



17-5118-2040M



## Classic Overspectacles

Our overspectacles are designed to fit over most prescription spectacles with minimal interference. They have moulded sideshields and comfortable fit, providing excellent coverage and field of vision, combined with a good level of protection against impacts.

## 3M™ Visitor Overspectacles

These lightweight polycarbonate visitor spectacles have moulded sideshields and browguards, and can be worn on their own or over current style prescription spectacles.

Lens Colour	Product Code	Filter	Lens Marking
PC - Clear	71448-00001M	UV	3M 1 F



71448-00001M





26-6710-00M



26-2000-00P



16610-00000M



90931-00000M



90933-00000M



90943-00000M



12-0200-00M



12-0500-00M



12-0600-00M



26-6800-00P

## Cleaning, Cords and Cases

### Cleaning

Polyester/Polyamide cloth made up of high density micro-filaments. Washable at 40°. Size 17.5cm x 17.5cm.

A workshop style dispenser which contains 500 sealed sachets. Each tissue is impregnated with a quick drying anti-fog, anti-static cleaning product.

Product Code	Name
26-6710-00M	Black Microfibre Lens Cleaning Cloth
26-2000-00P	Dispenser for X 500 Lens Cleaning Tissues

### Cords

Conveniently fits to any spectacle and when hung around the neck, enables the user to have them readily accessible.

Product Code	Name
16610-00000M	Adjustable nylon headband for Maxim™ and Maxim™ Ballistic
90931-00000M	Nylon cord with toggle adjustable system
90933-00000M	Adjustable cord with snap clasp for rotating tips temples (Eagle, OX 2000)
90943-00000M	Universal spectacle cord (pack of 6)

### Cases

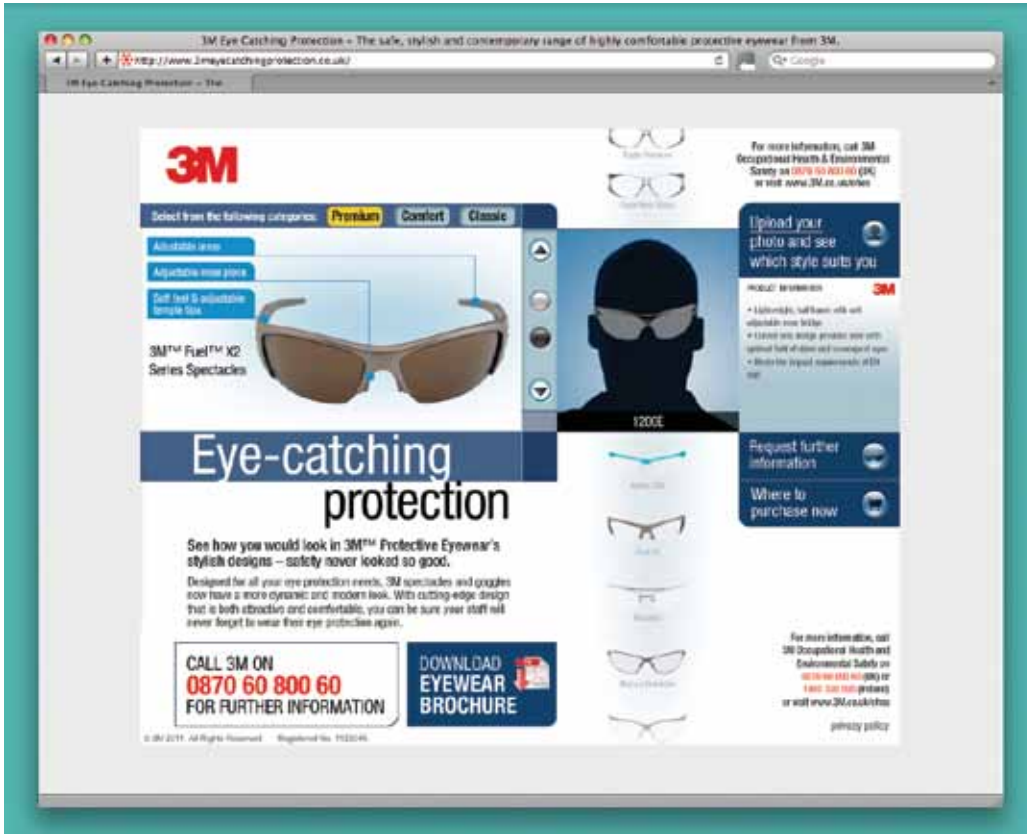
Product Code	Name
12-0200-00M	Large rigid spec case with flap and belt loop
12-0500-00M	Semi-rigid case with belt loop and snap clasp
12-0600-00M	Soft case with zipper, belt loop and snap clasp
26-6800-00P	Soft microfibre pouch with snap clasp for goggle (15x23cm), suitable to clean the lens
275	Goggle carrying bag

# Lens Colour Table

Classification	Lens Type	Filter Code	Protection	Benefits	Typical Applications	Markets
Clear Lens	Clear 	2C-1.2	Impact protection (low energy), UV (A, B and C)	Visibility, good colour recognition	Mechanical work, engineering	Industrial manufacturing (metal, chemical, transportation, automotive), DIY
Clear Lens	Clear CR39 and Mineral Lenses 	N/A	Good resistance to scratching and chemicals, UV (A,B,C) protection	Visibility, good colour recognition	Chemical laboratories	Laboratories
Solar Lens	Indoor/Outdoor Lens (I/O) 	5-1.7 (EN172)	Impact protection (low energy), UV (A,B,C), glare	Mirror coating keeps lens clear while reflecting light instead of absorbing it. For both sunny and low light conditions	Fork lift truck driving, mechanical work both indoor and outdoor	Construction, logistics, transport
Solar Lens	Bronze Lens 	5-2.5 (Bronze) 5-3.1 (Dark Bronze) (EN 172)	Impact protection (low energy), UV (A,B,C), blue light (480nm)	Good visibility and colour recognition in sunlight and glare conditions	Outdoor work and mechanical work with glare	Construction and outdoor mechanical work
Solar Lens	Blue Lens 	5-3.1 (EN172)	Impact protection (low energy), UV (A,B,C), bright light	Eliminates glare, eye stress and fatigue in monochromatic (single colour) yellow lit environments	Outdoor work, semi conductor fabrication, photolithography, sodium vapour lighting, yellow lighting	Construction and outdoor mechanical work
Solar Lens	Silver, Red, Blue Mirror Lens 	5-3.1	Impact protection (low energy), UV (A,B,C), scratches, glare	Good colour recognition in sunlight and glare conditions	Outdoor work, mechanical work with glare, recreational activities	Construction and outdoor mechanical work
Solar Lens	Grey Lens 	5-2.1 or 5-2.5 or 5-2	Impact protection (low energy), UV (A,B,C), scratches, glare	Good colour recognition in sunlight and reduced eye fatigue in glare conditions	Outdoor work, mechanical work with glare, recreational activities, vehicle drivers and road works	Industrial manufacturing, construction and outdoor mechanical work
Solar Lens	Polarised 	5-3.1	Impact protection (low energy), UV (A,B,C), glare	Horizontal glare, good contrast in bright environments	Outdoor work, mechanical work with glare, recreational activities	Construction and outdoor mechanical work, e.g. in wet conditions, marine
High Contrast Lens	Red-Orange 	2-1.7	Impact protection (low energy), UV (A, B and C), blue light from 400nm to 530nm	Filters blue light from 400nm to 530nm thus preventing damage to cornea	Polymerisation, paint and adhesive curing, crack testing	Dental, automotive repair, aerospace
High Contrast Lens	Vermillion 	2-1.4	Impact protection (low energy), UV (A,B,C)	Excellent colour recognition against green backgrounds	Shooting	Shooting, forestry, recreational activities
High Contrast Lens	Yellow 	2-1.2	Impact protection (low energy), UV (A, B and C), visible light, blue light (480nm)	Enhanced contrast in low light conditions. Filter blue light from 400nm to 530nm thus preventing damage to cornea	Surface inspection, work in poor visibility/dark environment, mechanical work, shooting	Industrial manufacturing, oil production, shooting, dental, automotive repair and aerospace
Welding Lens	IR Shade 5/Green  IR shade 3.0 IR shade 5.0 IR shade 7.0	5 (EN169) or 4-5 (EN171) 3 5 7	Impact protection (low energy), UV (A, B and C), visible light, IR	Prevents welding flash burn (99.5% IR absorption)	Certain gas welding applications, brazing, cutting and welder's assistant. NOT suitable for electric arc welding	Welding, engineering, construction, automotive, metal scrap yard
Welding Lens	Minimiser Lens 	6-1.7	Impact protection (low energy), UV (A,B,C), visible light, IR	Prevents welding flash burns, whilst improving colour recognition (compared to green shade)	Welder's assistant, glass work feeder	As for IR shade 5

To see which protective eyewear is right for you and your employees, please use our Product Selection Tool to help you make the best choice. [www.3M.co.uk/eyewearselector](http://www.3M.co.uk/eyewearselector)

Or go to [www.3Meyecatchingprotection.co.uk](http://www.3Meyecatchingprotection.co.uk) to see how you would look in our protective eyewear range with stylish designs.



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