Eye Protection by 3M

3M, a world leader in safety and protective equipment, is proud to have a complete range of eyewear as part of its product offering. This catalogue shows just a selection of our range.

The portfolio of 3M™ Eye Protection products promises quality eyewear that provides an optimal balance of comfort, protection and design.

It is our goal is to ensure that we satisfy your needs through the provision of exceptional leadership, expertise, quality and service excellence. With our global technology, manufacturing and knowledge network we do more than simply develop products that help your workforce to operate in safety and comfort. Advanced engineering and technology paired with the high standard of quality and innovation of a continuously evolving range of product solutions that you, our customers, come to expect from 3M.
Style
Style is a critical factor when it comes to raising the acceptance of the user to wear personal protective equipment (PPE). 3M’s range of eyewear gives you a variety of modern and stylish products to choose from.

Protection
The 3M portfolio of eye protection offers the highest level of optical class. A broad range of eyewear products include durable anti-scratch and convenient anti-fog coatings. All products are approved to EN 166 and are CE marked, offering protection against a range of hazards such as UV light, IR light, impact and liquid splash.

Comfort
Many of our products come with adjustable features and soft materials in points of contact in order to improve fit and comfort to accommodate different face sizes and shapes.

Compatibility
It is essential that comfort and fit with other PPE is maintained. The eyewear range can be used in combination with respiratory and hearing protection by 3M. Compatibility with other PPE will be subject to a number of variable factors which requires employer and end user to conduct an appropriate selection depending on individual needs.
3M™ 2800 Safety Overspectacles

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

Other 3M™ and 2800 Ovespectacles

3M™ 2800 Overspectacles
Lens color: clear
Lens material: polycarbonate

3M™ 2802 Overspectacles
Lens color: amber
Lens material: polycarbonate

3M™ 2805 Overspectacles
Lens color: IR Shade 5
Lens material: polycarbonate
3M™ 2820 Classic Line Spectacles

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 21 g.
+ Temple pivots for adjustable the lens angles
+ Soft, flexible temples for improved comfort

**Compatible with**
+ Fits well with 3M™ 9300 series respirators for the majority of users.

3M™ 2820 Classic Line Spectacles
Lens colour: clear
Lens material: polycarbonate

3M™ 2821 Classic Line Spectacles
Lens colour: grey
Lens material: polycarbonate

3M™ 2822 Classic Line Spectacles
Lens colour: amber
Lens material: polycarbonate
3M™ Virtua™ AP Series 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
+ High-wrap lens fits snug against the face, for better coverage.
+ Integral side-shields and brow guard

Comfort
+ Comfortable, impact-resistant, lightweight frame - weighs less then 26 grams.

Compatible with
+ Meets the requirements of EN 166

Polycarbonate lens absorbs 99.9% UV

3M™ Virtua™ AP Series
Lens colour: clear
Lens material: polycarbonate

Other 3M™ Virtua™ AP Eye Protection - Classic Line

3M™ Virtua™ AP Series
Lens colour: Grey
Lens material: polycarbonate
3M™ Tora™ Series Classic Line Spectacles

Tora Classic Line Spectacles cool image and perfect fit 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.

Features and Benefits:

**Style**
- Stylish and modern design, eye protection is more likely to be worn if it looks good
- Lenses and temples in combined colours intensify the contemporary smart look

**Premium Protection**
- 9D base curved lens offer excellent peripheral vision and perfect lateral side protection
- Good impact resistance with Anti-Scratch coating for improved durability
- Special 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: PC Clear
- Lens material: polycarbonate

Other 3M™ Tora™ Classic Line spectacles
- Compatible with a variety of 3M™ E-A-R™-corded earplugs.

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™ 2840 Comfort Line Spectacles

Protection, comfort and adjustability. With a new, 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. The soft inner padding offers increased comfort. The 3M 2840 spectacles also feature an integrated browguard for increased protection incorporating a strong polycarbonate lens with anti-scratch and anti-fog coating (except 3M™ 2844 spectacles), 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 for high optical clarity 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™ 9300 Series and 3M™ 4000 Series Respirators and the 3M™ 7500 Series Half Masks.

3M™ 2840 Comfort Line Spectacles
Lens colour: clear
Lens material: polycarbonate

Other 3M™ 2840 Comfort Line Spectacles

3M™ 2841 Comfort Line Spectacles
Lens colour: Grey
Lens material: polycarbonate

3M™ 2842 Comfort Line Spectacles
Lens colour: yellow
Lens material: polycarbonate

3M™ 2844 Comfort Line Spectacles
Lens colour: amber
Lens material: polycarbonate

3M™ 2845 Comfort Line Spectacles
Lens colour: IR shade 5
Lens material: polycarbonate

3M™ 2846 Comfort Line Spectacles
Lens colour: red-orange
Lens material: polycarbonate
3M™ Solus™ Comfort Line Spectacles

Protection, comfort and adjustability. Solus Comfort Line Spectacles combine a modern design and an optimal duel 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 temples, to the high profile dual lens look of fashion street wear, Solus brings sophistication and comfort to safety eyewear

Premium Protection
- The lens curve has been calculated for each eye separately to optimise the field of vision
- 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
- Strong PC lenses with anti-scratch and anti-fog coating

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

Other 3M™ Solus™ Comfort Line Spectacles
- Lens colour: amber
- Lens material: polycarbonate

Other 3M™ Solus™ Comfort Line Spectacles
- Lens colour: red mirror
- Lens material: polycarbonate

Other 3M™ Solus™ Comfort Line Spectacles
- Lens colour: bronze
- Lens material: polycarbonate

Other 3M™ Solus™ Comfort Line Spectacles
- Lens colour: I/O (indoor/outdoor)
- Lens material: polycarbonate

Other 3M™ Solus™ Comfort Line Spectacles
- Lens colour: clear
- 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 180° of Pure Vision and superior eye coverage
+ Ventilation channel across the lens to minimise misting
+ DX Coating provides anti-fog and anti-scratch properties

**Comfort**
+ Soft, universal-fit nosebridge
+ Dual-injected cushion browguard for extra comfort and shock absorption
+ Adjustable length temples with pantoscopic system

**Compatible with**
+ Specially designed for improved compatibility with other PPE i.e. Maxim Ballistic version specially designed to be worn with earmuffs

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3M™ Maxim™ Comfort Line Spectacles

- Lens colour: clear
- Lens material: polycarbonate

3M™ Maxim™ Premium Line Spectacles

- Lens colour: shade 5.0
- Lens material: polycarbonate

3M™ Maxim™ Ballistic Premium Line Spectacles

- Lens colour: clear
- Lens material: polycarbonate

- Lens colour: amber
- Lens material: polycarbonate

- Lens colour: bronze
- Lens material: polycarbonate

3M™ Maxim™ Ballistic Premium Line Spectacles Band

- Lens colour: bronze
- Lens material: polycarbonate

3M™ Maxim™ Utility Pack

- Lens colour: clear, bronze and amber
- Lens material: polycarbonate
3M™ Marcus Gronholm Premium Line Spectacles

Protection, comfort, and stylish design. Marcus Gronholm premium line spectacles combine attractive and modern styling with wraparound design. The strong, hypoallergenic metal frame exists in 2 sizes to fit everyone.

Features and Benefits:

Style
- Stylish and modern design, eye protection is more likely to be worn if it looks good
- Wraparound design
- Bronze and blue mirror lenses suitable for working environments that require additional sun protection

Premium Protection
- De-centered Polycarbonate twin lens, deeply curved for superior eye coverage and optimal field of view
- Strong polycarbonate lens with anti-scratch and anti-fog coating

Comfort
- The strong, hypoallergenic metal frame is specially designed to fit almost everyone.
- Formable rubber tipped temples for extra comfort and adjustability
- Flat temples with spring hinges to wear under helmet

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

Other 3M™ Marcus Gronholm Products

3M™ Marcus Gronholm Premium Line Spectacles
- Lens colour: Blue Mirror
- Material: Polycarbonate

3M™ Marcus Gronholm Premium Line Spectacles
- Lens colour: bronze
- Material: polycarbonate

3M™ Marcus Gronholm Premium Line Spectacles
- Lens colour: clear
- Material: polycarbonate
3M™ Refine 300 Series Premium Line Spectacles

Better Style means better compliance

Women don't have to settle for the bulky, oversized eyewear anymore. The new Refine 300 safety eyewear is specially sized for women's smaller facial profiles.

Refine 300 Safety Eyewear is especially designed to fit smaller head & 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.

Features and Benefits:

Style
+ Slim frame design
+ Padded, adjustable nose-bridge
+ Clear and bronze anti-fog and anti-scratch lenses
+ Meets the low energy impact requirements of EN 166

Premium Protection
+ The lens curve has been calculated for each eye separately to optimise the field of vision
+ Strong polycarbonate lens with anti-scratch and anti-fog coating
+ Integrated side protection

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

Compatible with
+ Compatible with 3M’s respiratory protection range

Lens colour: Mocha
Lens material: Polycarbonate

Other 3M™ Refine 300 Spectacles

Lens colour: Clear
Lens material: Polycarbonate
3M™ 1100E / 1200E Series Premium Line Spectacles

Introducing safety eyewear that combines the edgy styling and solid performance that workers crave. Upgrade your safety compliance with the new 3M 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: 1100E
- Wrap-around frame
- Wide temples with integrated side protection
- Polycarbonate lenses absorb 99.9% UV radiation
- Soft, adjustable nose-bridge
- Meets the low energy impact requirements of EN 166
- Available in two lens options: clear, grey

Style: 1200E
- Lightweight, half-frame
- Polycarbonate lenses absorb 99.9% UV radiation
- Soft, adjustable nose-bridge
- Meets the high-impact requirements of EN 166
- Available in two lens options: clear, grey

Style
- Stylish and modern design
- The 1100E and 1200E styles deliver the looks, attitude and brand that workers want to wear

Premium Protection
- 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 microfiber pouch

Comfort
- Soft adjustable nosepiece
- Light, wrap around frame assures a comfortable fit
- Integrated side protection in the temples (1100E)
- Half frame design for even more weight reduction (1200E)

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

3M™ 1200E Premium Line Spectacles
Lens colour: Clear - Grey
Material: Polycarbonate

Other 3M™ 1100E/1200E Spectacles

3M™ 1200E Spectacles
Lens colour: clear
Material: polycarbonate

3M™ 1100E Spectacles
Lens colour: clear
Material: polycarbonate

3M™ 1100E Spectacles
Lens colour: grey
Material: polycarbonate
3M™ Fuel™ X2 Series Premium Line Spectacles

Pump up your safety compliance levels with some of the best looking protective eyewear on the market. The new Fuel X2 Series Spectacles—the crossroads of compliance and 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
- Soft, adjustable nose-bridge
- Polycarbonate lenses absorb 99.9% UV radiation
- Half frame design
- Meets the low energy impact requirements of EN 166
- Each pair comes with a microfibre pouch

**Premium Protection**
- Made from a high density nylon material for impact, torsion and extreme heat resistance
- Special mirror coating provides scratch resistance and UV protection
- Strong polycarbonate lens with anti-scratch and anti-fog coating

**Comfort**
- Soft, universal-fit nosebridge
- Unique adjustable length temples

**Compatible with**
- Compatible with other 3M PPE products

3M™ Fuel™ X2 Premium Line Spectacles
Lens colour: red mirror
Lens material: polycarbonate

Other 3M™ Premium Line Spectacles

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 in bi-focal lenses that provides magnification for reading or precision work.

Features and Benefits:

**Style**
+ Stylish and modern design

**Premium Protection**
+ Special 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
- Lens colour: clear
- Lens material: polycarbonate

Other 3M™ BX Premium Spectacles
- 3M™ BX™ Premium Line Spectacles
  - Lens colour: grey
  - Lens material: polycarbonate

- 3M™ BX™ Readers
  - Premium Line Spectacles
  - Lens colour: clear
  - Lens material: polycarbonate
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, plumbing, home-work, mechanical work in dark environment, 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

Similar 3M™ Products

3M™ Headlights
Separate headlights compatible with all 3M™ spectacles.
3M™ MAXIM™ Hybrid Goggles

The Maxim Hybrid goggle is a very lightweight, low profile form of eyewear protection that provides the same protection as a goggle. 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
- DX Coating to resist fogging, scratching, chemicals, and to make it more anti static
- High performance ventilation system

Compatibility
- Special design for improved compatibility with other PPE

3M™ Maxim™ Hybrid Goggles
Lens colour: clear
Lens material: polycarbonate
3M™ 2890 Comfort Safety Goggles

The 3M 2890 comfort safety goggles 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**
- Optical clarity Class 1 to allow prolonged, comfortable wear
- 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)
- Special Anti-Fog coating reduces fogging and ensures clearer vision
- UV Protection gives reliable protection against specified levels of hazardous UV radiation
- Additional protection against gas & Fine particles (2890S/2890SA/2895S)
  All except 2895S feature a clear lens for protection against UV light. The 2895S features a shade 5 lens for gas welding and cutting.
- 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™ 9300 Series and 3M™ 4000 Series Respirators and the 3M™ 7500 Series Half Masks
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.
- Model specially designed to fit with prescription glasses, dust mask or respiratory half-mask
- Indirect ventilation system to prevent fog, liquids and dust (the non-vented version also provides protection against gas and fumes)

Comfort
- 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
- 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

Compatible with
- Special Helmet version is compatible with Peltor™ G3000 helmet.

Other 3M™ Fahrenheit products

3M™ Fahrenheit™ Comfort Goggle
- Lens 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
### Eyewear Selection Guide

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<tr>
<th>Product Code</th>
<th>Lens Type</th>
<th>Impact Protection</th>
<th>Coating</th>
<th>Filter</th>
<th>VLT</th>
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<td>PC Clear</td>
<td>FT</td>
<td>AS</td>
<td>UV</td>
<td>91%</td>
<td>2-1.2 3M 1 FT</td>
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<td>PC I/O Mirror</td>
<td>FT</td>
<td>Mirror</td>
<td>Solar (incl UV)</td>
<td>53%</td>
<td>5-1.7 3M 1 FT</td>
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<tr>
<td>2846 Grey</td>
<td>PC Grey</td>
<td>FT</td>
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### 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: Corrosion, paint dust, alkali, alkaline

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### Special field of use (explanation in the UI)

<table>
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#### 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: UV, ultraviolet, blue light

#### 7 - WELDING
Welders assistant, brazing, gas welding, oxy-cutting...
RISKS: UV, ultraviolet, glare, infrared, sparks

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

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**Spectacles**

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|  |  |  |  |  |  |  |  |  |

**Overspectacles**

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**Spectacles**

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**Goggles**

|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

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