

# 3M™ Protective Eyewear



## Eye Injuries are Prevalent in the Workplace

Every day, approximately 2,000 U.S. workers sustain a work-related eye injury that requires medical treatment.<sup>1</sup> This is a problem for both employers and their workers, because about 1 in 10 injuries require one or more missed workdays to recover.<sup>2</sup>

### Eye injuries occur for two main reasons:

- **Not wearing eye protection.**

Nearly three out of every five workers injured are not wearing eye protection at the time of the accident.<sup>3</sup>

- **Wearing the wrong eye protection for the job.**

40% of the injured workers were wearing some form of eye protection when the accident occurred. However, these workers were most likely to be wearing protective eyeglasses that offered inadequate eye protection.<sup>3</sup>

## Most Eye Injuries are Preventable

Experts believe that the correct eye protection could lessen the severity of or even prevent 90% of eye injuries.<sup>4</sup> Compliance and education play a major role in preventing these injuries.

- **Compliance**

In jobs where eye protection is required, to be effective, the eyewear must be of the appropriate type for the hazard encountered and properly fitted.<sup>3</sup>

- **Education**

Even though the vast majority of employers furnished eye protection at no cost to employees, about 40% of the workers received no information on where and what kind of eyewear should be used.<sup>3</sup>

## 3M Protective Eyewear

3M protective eyewear features the comfort and adjustability that professionals need for extended wear. With over 400 options in a wide range of styles, lens tints, coatings and shades, 3M protective eyewear offers solutions for almost every environment.

### Multiple Lens Tints and Coatings

3M offers a variety of task specific lenses and tints to help reduce glare, eye stress and fatigue, as well as a range of lens coatings—from standard Hard Coat and Anti-Fog to 3M's exclusive coatings, such as Rugged Anti-Scratch (RAS) and DX™ Anti-Fog Hard Coat.

### Cool and Contemporary Styles

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 offers a variety of modern and stylish products.

### Extensive Eyewear Line

3M's extensive full line of protective eyewear includes economical and value-oriented models, as well as unique premium products. Some models are available in readers and goggles. 3M also offers eyewear that is compatible with some personal protective equipment, such as earmuffs and hard hats.

### Compliant

All 3M protective eyewear and goggles meet the High Impact Requirements of ANSI Z87.1-2003 or ANSI Z87.1-2010, depending on the model, and provide UV protection—polycarbonate lenses absorb 99.9% UVA and UVB.

<sup>1</sup>cdc.gov/niosh © 2012 National Institute for Occupational Safety and Health.

<sup>2</sup>preventblindness.org © 2011 Prevent Blindness America.

<sup>3</sup>Bureau of Labor Statistics.

<sup>4</sup>U.S. Eye Injury Registry Summary Report, 1998-2002.

## Announcing 3M™ Total Eyewear Solutions

A comprehensive program focused on helping you keep workers protected and comfortable with a wide variety of prescription and non-prescription safety eyewear professionally fitted for your employees.



See [3M.com/PPESafety](http://3M.com/PPESafety) for more product selection.



## Premium Protective Eyewear

Changing outdoor light conditions doesn't require changing eyewear anymore.

### Smart Lens™

UPC: 10078371620339

Product #: 13407-00000-5

#### Features and Benefits

- Photochromic lens lightens and darkens with changing outdoor light conditions
  - Light to dark in less than 20 seconds
  - Dark to light in less than 3 minutes
- Anti-Fog Lens
- Soft, adjustable nose bridge
- Durable frame with nylon brow and magnesium alloy temples
- Spring-hinged temples for narrow or wide fit
- Polycarbonate lenses absorb 99.9% UVA and UVB
- Includes microfiber storage bag and lanyard



Safety directors should assess their particular workplace and make all people wearing Smart Lens™ photochromic eyewear aware of the time required for the lens transition. Special care should be taken when moving from outdoors to indoors. Outdoor temperatures may affect the lens transmission time. Do not store on vehicle dashboard. Prolonged exposure to intense heat can damage eyewear. Always store Smart Lens in protective bag.



#### Other 3M™ Premium Protective Eyewear



##### Light Vision™ 2

UPC: 1007837162114

Product #: 11476-00000-10

##### Features and Benefits

- Half-frame style, hands-free direct lighting
- Clear Anti-Fog Lens, Gray Frame, Dual LED Lights



##### Light Vision™ OTG

UPC: 10078371622036

Product #: 11489-00000-10

##### Features and Benefits

- Clear DX™ Anti-Fog Hard Coat Lens, LED Lights
- Fits over most prescription eyewear



##### OCC™ 304

UPC: 10078371623736

Product #: 11451-00000-10

##### Features and Benefits

- Gray Polarized Hard Coat Lens, Silver Aluminum Frame



##### Fuel™ X2 Protective Eyewear

UPC: 10078371116351

Product #: 11635-00000-10

##### Features and Benefits

- Red Mirror Lens, Dark Copper Frame

# 3M™ Protective Eyewear



## Value Protective Eyewear

### Maxim™ with RAS New in 2012

UPC: 10078371118607

Product #: 11860-00000-20

#### Features and Benefits

- Rugged anti-scratch (RAS) coating helps provide at least four times more scratch resistance than any other current hard coat on 3M non-prescription safety eyewear
- Helps keep lenses clear, longer
- Helps lower replacement costs by extending the life of the lens
- Helps protect the lens from many chemicals
- Meets the requirements of CSA Z94.3-2007 and the High Impact Requirements of ANSI Z87.1-2010



#### Other 3M™ Value Protective Eyewear



##### Maxim™ GT

UPC: 10078371626126

Product #: 14246-00000-20

##### Features and Benefits

- Clear Anti-Fog Lens, Metallic Gray and Black Frame



##### Metaliks™ Sport

UPC: 10078371623552

Product #: 11343-00000-20

##### Features and Benefits

- Clear Anti-Fog Lens, Nickel Frame



##### Privo™

UPC: 10078371620872

Product #: 12261-00000-20

##### Features and Benefits

- Clear Anti-Fog Lens, Black/Orange Frame



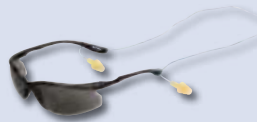
##### Moon Dawg™

UPC: 10078371621787

Product #: 11215-00000-20

##### Features and Benefits

- Gray Anti-Fog Lens, Black Frame



##### Virtua™ Sport CCS

UPC: 10078371117990

Product #: 11799-00000-20

##### Features and Benefits

- Gray Hard-Coat Lens, Gray Temple
- Designed to keep eyewear and earplugs attached



See [3M.com/PPESafety](http://3M.com/PPESafety) for more product selection.



## Economy Protective Eyewear

### Virtua™ AP

UPC: 10078371118157

Product #: 11815-00000-20

Sleek unisex styling, lightweight comfort and exceptional value.

### Features and Benefits

- A selection of “task-specific” lens tints
- Comfortable, lightweight frame – weight less than 1 oz.
- High-wrap lenses fit snug against the face for a better viewing area
- Polycarbonate lenses absorb 99.9% UVA and UVB rays
- Meets the High Impact Requirements of CSA Z94.3-2007 and the High Impact Requirements of ANSI Z87.1-2010



### Other 3M™ Economy Protective Eyewear



#### Virtua™

UPC: 10078371621046

Product #: 11329-00000-20

#### Features and Benefits

- Clear Anti-Fog Lens, Clear Temple



#### SX™

UPC: 10078371622197

Product #: 12141-00000-20

#### Features and Benefits

- Clear Anti-Fog Lens, Black Frameless



#### KX™

UPC: 10078371622227

Product #: 12150-00000-20

#### Features and Benefits

- Clear Uncoated Lens, Black Temple



#### OX™

UPC: 10078371622241

Product #: 12159-00000-20

#### Features and Benefits

- Clear Uncoated Lens, Black Temple
- Fits over most prescription eyewear

Eyewear  
injuries happen when you  
least expect them.  
Be prepared.

# 3M™ Protective Eyewear



## Protective Eyewear with Readers



### Did you know?

The term “presbyopia” means “old eye” and is a vision condition involving the loss of the eye’s ability to focus on close objects.

3M’s Protective Eyewear with Readers are ideal for anyone who wears reading glasses, who is engaged in small detailed work or has difficulty reading small print.

### BX™ Readers

UPC: 10078371620469

Product #: 11374-00000-10

Sleek, contoured and fully adjustable with molded-in magnifying diopters on the lower lens.

Clear Anti-Fog Lens, Silver Frame, +1.5 Diopter.

#### Features and Benefits

- Adjustable length temples
- Lens angle adjustment
- Soft, adjustable nose bridge
- Polycarbonate lenses absorb 99.9% UVA and UVB
- Meets the requirements of CSA Z94.3-2007 and the High Impact Requirements of ANSI Z87.1-2010



### Other 3M™ Protective Eyewear with Readers



#### Light Vision™ 2 Readers

UPC: 10078371621121

Product #: 11477-00000-10

#### Features and Benefits

- Hands-free directed lighting with ultra-bright, adjustable LED lights
- Clear Anti-Fog Lens, Gray Frame, +1.5 Diopter



#### Nuvo™ Readers

UPC: 10078371620629

Product #: 11434-00000-20

#### Features and Benefits

- “Retro” styling designed with molded-in magnifying diopters on the lower lens
- Clear Anti-Fog Lens, Gray Frame, +1.5 Diopter



#### Lexa™ Readers

UPC: 10078371622500

Product #: 13353-00000-20

#### Features and Benefits

- Clear DX™ Anti-Fog Hard Coat Lens, Black Temple, (M) +1.5 Diopter

See [3M.com/PPESafety](http://3M.com/PPESafety) for more product selection.



## Safety Goggles

### Maxim™ 2x2 Air Seal Goggle

UPC: 10078371621664

Product #: 40686-00000-10

Advanced, dual lens design with a unique air bladder seal.

#### Features and Benefits

- Air seal for comfort and impact absorption
- Excellent orbital eye coverage
- Polycarbonate lenses absorb 99.9% UVA and UVB
- Meets the High Impact Requirements of ANSI Z87.1-2010
- Clear Anti-Fog Lens, Black Frame, Elastic Strap



#### Other 3M™ Safety Goggles



#### Fectogoggles™

UPC: 10078371623217

Product #: 16400-00000-10

#### Features and Benefits

- Impact protection that helps seal out particulates
- Clear DX™ Anti-Fog Hard Coat Lens, Elastic Strap, (M)



#### Lexa™ Splash GoggleGear™

UPC: 10078371623361

Product #: 16644-00000-10

#### Features and Benefits

- Fully assembled, soft flange seals and vented channels
- Clear DX™ Anti-Fog Hard Coat Lens, Elastic Strap, (M)



#### Lexa™ Dust GoggleGear™

UPC: 10078371623286

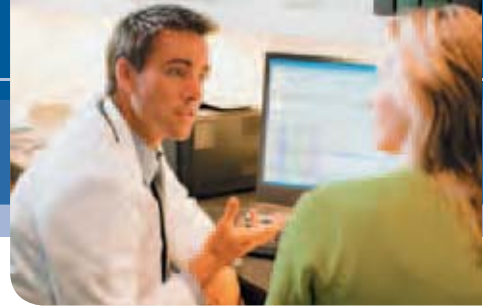
Product #: 16615-00000-10

#### Features and Benefits

- Clear DX™ Anti-Fog Hard Coat Lens, Black Frame, (M)



# 3M™ Prescription (SRx) Eyewear



## 3M™ Prescription Eyewear (SRx)

3M's safety prescription eyewear is engineered to help provide employees who have prescriptions with the eye protection they need to work in a wide variety of environments. Using the latest in lens and coating technologies, 3M safety prescription eyewear is durable and helps improve visual acuity.

### A Comprehensive Selection of Frame Styles

With over 60 choices, 3M's frame collection features a variety of fitting characteristics to improve comfort, including soft adjustable nose pads, comfort nose bridges, spring hinge flex temples and adjustable length temples.



All products feature lateral coverage either integrated into the frame design or as separately attached sideshields.

### Compliant

All 3M prescription eyewear frames meet the requirements of ANSI Z87.1-2003 or ANSI Z87.1-2010, depending on the model.



### Lens Materials, Options and Coatings

3M offers many lens material options, which offer a wide range of impact protection. They include Polycarbonate, Trivex®, plastic and glass.

You can choose from a variety of lens options, including Progressive Addition Lens designs. For sun protection, we offer Transitions® and Life Rx® photochromic lenses, as well as Polarized lenses. Coating options include SuperCote™, Anti-Reflective and Anti-Fog coatings.



# Eyewear Protection for Every Employee

See [3M.com/PPESafety](http://3M.com/PPESafety) for more product selection.

## Popular 3M™ Prescription Eyewear Styles

### ZT200

#### Features and Benefits

- Plastic construction for consideration in non-conductive applications
- Computer designed to help provide a comfortable fit for a wide range of head shapes and facial features
- Removable Lens Carriers with Integrated Side Protectors
- High Visibility Reflective Temples for greater visibility at dusk and night
- Replaceable foam brow protector to help shield the eyes from particulates, perspiration and wind



#### Other 3M™ Prescription Eyewear

##### V1000

Wraparound styling and close-fitting comfort, for indoor and outdoor tasks. Offered in jet, snow and wine fade.



##### D490

Unisex, modern design uses a straight browline to create an upbeat look. Offered in popular black crystal and brown amber.



##### Steel 800

Classic aviator style with contemporary colors and treatments. Offered in gold and gunmetal with a tortoise brow piece.



### Enhance your eye safety program with 3M Total Eyewear Solutions

3M offers more than just safety eyewear. With Total Eyewear Solutions, we can be a partner in the success of your program. We're committed to making your life easier and to helping you fit your employees with the appropriate prescription and non-prescription eyewear for their job. Offering more than 400 non-prescription and over 230 prescription eyewear options, the Total Eyewear Solutions program is focused on helping to keep your employees protected and comfortable.

To learn more about the 3M Total Eyewear Solutions program, contact your authorized 3M distributor or your local 3M representative.

In U.S.	Non-Prescription	Prescription (SRx)
Technical Assistance	1-800-243-4630	
Customer Care Center	1-800-328-1667	1-800-982-2828
Internet	<a href="http://3M.com/PPESafety">3M.com/PPESafety</a>	<a href="http://3M.com/safetyrx">3M.com/safetyrx</a>