



## Selection of Industrial Safety Eyewear

Eye and face protection must be selected based on the hazards to which the worker is exposed. The first step is to identify the hazards in the workplace

### Hazards involved eye injury is as follow:

- Impact (flying particles, sand, welding spark, etc.)
- Dust (nuisance dust)
- Chemical (splash and mists)
- Optical radiation (glare, welding, cutting, torch brazing, etc.)
- Thermal (hot sparks, splash from molten metal, high temperature exposure)
- Electrical (short-circuit, electric arc, etc.)

### Protective eyewear selected based on the above hazards can have the following lens features:

- Polycarbonate material for impact resistance
- Radiation absorptive such as UV, IR, visible lights, blue lights etc
- Anti-fog coated
- Hard coated for scratch resistant
- Optical class 1

### Approved to one or more of the following standards:

- ANSI Z87.1 1989 (USA)
- EN166 (EUROPEAN)
- SS473 (SINGAPORE)
- JIS (JAPAN)
- AS/NZ 1337 (AUSTRALIA / NEW ZEALAND)
- CSA Z94.3 1988 (CANADA)





# EYE PROTECTION



## QB Safety Goggle QB-GH5100-CLR-AF

### Features:

- Soft rubber frame provides comfort for long time wearing
- Flexible housing fits most prescription eyewear (over-spec)
- Universal fit nose bridge conforms to facial contours to ensure a comfortable fit
- Fully adjustable headband fits most users
- Indirect venting system offers ventilation and dust prevention simultaneously
- Anti-fog polycarbonate lens filters out more than 99.9% of harmful UV radiation
- Meet ANSI Z87.1, CE EN166 standards



## QB Chemical Goggle QB-SG5903-CLR

### Features:

- Excellent field of view for improved safety and wearer confidence
- Impact resistance against high speed particles at extremes temperature
- Indirect ventilation design helps provide protection against liquids, dust, gases & vapors
- General designs and flexible nose bridge for improved comfort
- Broad, fully adjustable headbands for optimum fit and reliable protection
- Protection against UV radiation
- Anti-fog coating help prevent fogging and enhance safety
- Can be worn over most prescription spectacles
- Optical class 1 Quality
- Meet ANSI Z87.1, CE EN166 standards



## QB AirGuard QB-HY-YZ-6 / QB-HY-YZ-6-AF

### Features:

- Lightweight goggle with direct ventilation
- Soft, flexible vinyl frame
- Polycarbonate lens, Anti-fog (QB-HY-YZ-6-AF)
- Ideal protection against dust and impact
- Meets CE EN166 standards



## QB ChemGuard Pro QB-HY-YZ-2-AF

### Features:

- Lightweight goggle with indirect ventilation
- Soft, flexible vinyl frame
- Anti-fog, polycarbonate lens
- Ideal protection against dust, impact and chemical splash
- Meets CE EN166 standards



## 3M™ Fahrenheit Goggles 40654 Polycarbonate lens / 40659 Acetate lens

### Features:

- Optical class 1 lens suitable for prolonged use
- Design provides excellent coverage and good field of vision
- Offers excellent protection against UV radiation
- Provides excellent protection against large dust particles and liquid droplets
- Lens coating provide excellent scratch resistance. An anti-fogging coating is applied to the majority of the range
- Designed to be worn with prescription eyewear
- Clear, replaceable lens films provide additional protection against abrasion
- Meet ANSI Z87.1, CE EN166 standards





# EYE PROTECTION

## QB Intruder 1570A

### Features:

- Adjustable and comfortable soft nose pad
- Bendable temple for better fit
- Ultra lightweight and comfortable for all day use
- High impact and scratch resistant polycarbonate lens
- Filters out 99.9% of all harmful UV radiation
- Optical Class 1 Quality Lens
- Anti-fog lens (Clear lens only)
- Meets ANSI Z87.1-2003, CE EN 166 standards



QB-1570A-HC-DB-MIR



QB-1570A-HC-CLR-AF



QB-1570A-HC-IO

## QB Phantom 5900

### Features:

- Ultra lightweight
- Universal nose bridge
- Unobstructed wide vision lens
- High impact and scratch resistant polycarbonate lens
- Filters out 99.9% of all harmful UV radiation
- Meets ANSI Z87.1-2003, CE EN166 standards



QB-5900-HC-SMK



QB-5900-HC-CLR



QB-5900-HC-IO

## QB Hornet FL280

### Features:

- Angle adjustable temple
- Soft Asian nose pad
- Soft TPE temple for comfortable fit
- Wrap around lens with wide vision
- High impact and scratch resistant polycarbonate lens
- Filters out 99.9% of all harmful UV radiation
- Meets ANSI Z87.1-2003 CE EN166 standards



QB-FL280-HC-SMK



QB-FL280-HC-CLR



QB-FL280-HC-IO

## QB Viggen 1910-K

### Features:

- One-piece lens, with dual 9.75 base curvature, snugly fits all kinds of faces and provides full eye-protection against high impact at the same time
- Optical class 1 lens offers users the clearest and the most panoramic view without obstruction
- Anti-fog lens (Clear lens only)
- Modern co-material temple design with soft temple tips



QB-1910-K-HC-CLR-AF



QB-1910-K-HC-IO

- Suitable for various working environments
- Polycarbonate lens filters out 99.9% of harmful UV light
- Meet ANSI Z87.1, AS/NZS 1337.1 and CE EN166 standards



# EYE PROTECTION



## QB Hunter SG514

### Features:

- Wraparound design with integrated side protection
- Ultra lightweight and comfortable for all day use
- High impact and scratch resistant polycarbonate lens
- Filters out 99.9% of all harmful UV lights
- Soft nose pad
- Optical Class 1 quality lens
- Meets ANSI Z87.1-2003



## QB Zoom 7724

### Features:

- Fashionable design, suitable for both men and women
- Close-fitting, unitary front with dual 9.5 base curved lens offers wide and unobstructed vision
- Universal bridge fits almost all face contours
- 100% polycarbonate lenses filter out more than 99.9% of harmful UV radiation
- Meet ANZI Z87.1-2003



## QB Vulcan 9210

### Features:

- Full wraparound design for maximum field vision and peripheral protection
- Universal fit nose bridge
- Incredibly light, resilient and durable protective eyewear for all day wear
- Single lens spectacle available with various tint/mirror finish
- Soft nose pad provides superior comfort
- Scratch-resistant, hard coated polycarbonate lens filters out more than 99.9% of harmful UV light
- Anti-fog lens (Clear lens only)
- Meets ANSI Z87.1-2003, CE EN166 standards





# EYE PROTECTION

## QB Falcon S200A

### Features:

- Wraparound design fits and looks great on most face shapes
- Ultra lightweight and comfortable for all day use
- High impact and scratch resistant polycarbonate lens



QB-S200-A-L/ORG



QB-S200-A-L/BRN



QB-S200-A-GRN-IR8-AF



QB-S200-A-IO



QB-S200-A-L/GRY



QB-S200-A-GRN-IR5



QB-S200-A-CLR



QB-S200-A-DB-MIR

- Filters out 99.9% of all harmful UV light
- Soft nose pad
- Optical Class 1 Quality Lens
- Meets ANSI Z87.1-2003, CE EN 166 standards

## QB Python S21

### Features:

- A fashionable close fitting design, offer wide and unobstructed vision
- A styling co-injection temples which resembles sunglasses that is suitable for both men and women
- Lightweight and comfortable for all day use
- High impact scratch resistant polycarbonate lens
- Filters out 99.9% of harmful UV radiation
- Soft Asian nose bridge
- Anti-fog lens (Clear lens only)
- Meets ANSI Z87.1:2003, CE EN166 standards



QB-S21-HC-DB-MIR



QB-S21-HC-SMK



QB-S21-HC-CLR-AF



QB-S21-HC-IO

## QB Skyraider 2048

### Features:

- Made from 100% polycarbonate
- Fits over prescription frames
- Full front, side and top (brow) protection
- Suitable as everyday use safety spectacle
- Optical Class 1 Quality lens
- Filters out 99.9% of all harmful UV light
- Meets ANSI Z87.1-2003, CE EN166 standards



QB-2048-CLR



QB-2048-SMK



# EYE PROTECTION



## QB Phoenix 2101

### Features:

- 8 base curved lenses provide excellent coverage and maximum field of vision, without the distraction of seams or traditional type side shield
- Semi-frame with direct ventilation system help reducing possible fogging
- Slim temple design with 4 position temple length adjustment provides great fitting for users
- Sleeve in soft nose pieces provides snug fitting
- High impact resistant anti-scratch lens
- Lenses provide 99.9% of UV radiation
- Anti-fog lens (Clear lens only)
- Meet ANSI Z87.1-2003, CE EN166 standards



## QB Tornado 1350

### Features:

- Angle adjustable temple
- Soft nose pad
- Ultra lightweight and comfortable for all day use
- High impact and scratch resistant polycarbonate lens
- Filters out 99.9% of all harmful UV radiation
- Optical Class 1 Quality Lens
- Anti-fog lens (Clear lens only)



- Meets ANSI Z87.1-2003, CE EN166 standards

## QB Raven Visitor 5064

### Features:

- Stylish and compact overspec accommodates most prescription frames
- 5-curved design can be assembled with prescription lenses according to users' need
- Full front, side and top protection with high impact resistance
- Soft earpiece provides a secure and comfortable fit
- Scratch-resistant, hard coated polycarbonate lens filters out more than 99.9% of harmful UV light
- Meets ANSI Z87.1 - 2003, CE EN166 standards



## QB Harrier 5400

### Features:

- Ratchet angle adjustable temple
- Length adjustable temple
- Extra large flat (base 2) lens fits over prescription frames
- Optical Class 1 Quality Lens
- Filters out 99.9% of all harmful UV light
- Full side and brow protection
- Meets ANSI Z87.1-2003, CE EN166 standards





# EYE PROTECTION

## QB Raider SG511

### Features:

- A combination of fashion, style and lightweight safety spectacle that provides a wide view of your work place
- High impact & scratch resistant polycarbonate lenses
- Filters out 99.9% of all harmful UV radiation
- Adjustable template to customize the fit to your head
- Frame colours available in dark blue, red/ white/ blue, yellow/ black/ yellow
- Lens colours available in clear and smoke
- Meets ANSI Z87.1-2003, CE EN166-F standards



QB-SG511-1-DB-SMK



QB-SG511-1-DB-CLR



QB-SG511-2-YBY-CLR

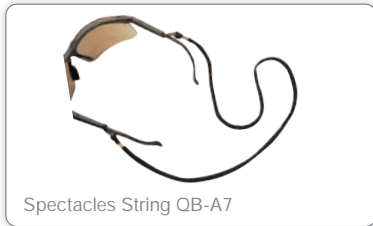


QB-SG511-2-YBY-SMK



QB-SG511-3-RWB-CLR

## Spectacle Accessories



Spectacles String QB-A7



Spectacles Pouch QB-SSC-061



Spectacles Bag QB-D401



83735-00000

3M™ Super-clear™  
Disposable Protective  
Eyewear Lens Cleaning  
Station (1520DM)

### Features:

- Contains 16 oz. pump and bottle of cleaning fluid
- Contains 1500 sheets of lens cleaning paper
- Ready to hang



83738-00000

3M™ Super-clear™  
Protective Eyewear Lens  
Cleaning Tissue Refill  
(851TM)

### Features:

- Heavy duty, soft, non-abrasive tissue
- Cleans lenses safely without scratching
- Use to refill super-clear lens cleaning station



# EYE PROTECTION

## CS 101

### Features:

- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Stainless steel
- Colour: Silver, Black
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 56-19, 135



## FCS 01

### Features:

- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Stainless steel
- Colour: Silver, Black
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 56-16, 135



## FCS 02

### Features:

- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Stainless steel
- Colour: Silver, Blue
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 54-17, 140



## FCS 06

### Features:

- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Stainless steel
- Colour: Grey, Silver
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 51-20, 145







# EYE PROTECTION

## FCS 07

### Features:

- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Stainless steel
- Colour: Black, Silver
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 52-21, 145



## FCS 08

### Features:

- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Stainless steel
- Colour: Black
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 54-19, 135



## RX 600

### Features:

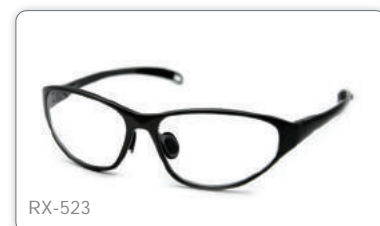
- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Stainless steel
- Colour: Silver
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 56-14, 135



## RX 523

### Features:

- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Stainless steel
- Colour: Grey, Silver
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 59-17, 133





# EYE PROTECTION

## DM 467

### Features:

- Suitable for single vision, bifocal and progressive lens. Clear plastic side shields are attached for increased eye protection
- Materials: Plastic Frame with metal temple
- Colour: Black, Tortoise shell
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 52-18



## DF 609

### Features:

- Suitable for single vision, bifocal and progressive lens. Temples are adjustable for better comfort
- Materials: Plastic
- Colour: Grey, Black
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 57-16



## Y 01

### Features:

- Suitable for single vision, bifocal and progressive lens. A whole set with 5 interchangeable films and a removable clip-on. Adjustable ear strap is included for better secured fitting
- Materials: TR 90
- Colour: Blue, Red, Grey, Black
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: Free size



## 20098

### Features:

- Suitable for single vision, bifocal and progressive lens. A whole set with 5 interchangeable films and a removable clip-on. Adjustable ear strap is included for better secured fitting
- Materials: TR 90
- Colour: Black & Red
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: Free size





# EYE PROTECTION

## 20097

### Features:

- Suitable for single vision, bifocal and progressive lens. A whole set with 5 interchangeable films and a removable clip-on. Adjustable ear strap is included for better secured fitting
- Materials: TR 90
- Colour: Black & Red
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: Free size



## 20096

### Features:

- Suitable for single vision, bifocal and progressive lens. A whole set with 5 interchangeable films and a removable clip-on. Adjustable ear strap is included for better secured fitting
- Materials: TR 90
- Colour: Black & Red
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: Free size



## 20095

### Features:

- Suitable for single vision, bifocal and progressive lens. A whole set with 5 interchangeable films and a removable clip-on. Adjustable ear strap is included for better secured fitting
- Materials: TR 90
- Colour: Black & Red
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: Free size





# EYE PROTECTION

## SW 06

### Features:

- Suitable for single vision, bifocal and progressive lens. A removable soft foam brow band is attached to blocks out dust and perspiration
- Materials: Plastic
- Colour: Black & Yellow
- Application: Suitable for mining, construction, chemicals & petroleum industry & people who are exposed to wet environments
- Compliance: Z87.10
- Size: 57-20, 135



## OP 08-C6/ OP 08-C7/ OP 08-C8

### Features:

- Lightweight and flexible. Suitable for single vision, bifocal and progressive lens. Plastic side shields are attached for increased eye protection
- Materials: TR 90
- Colour: Black + Orange, Green + Yellow, Black + Blue
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 56-18, 139



## OP 09-C6 / OP 09-C7

### Features:

- Lightweight and flexible. Suitable for single vision, bifocal and progressive lens. Plastic side shields are attached for increased eye protection
- Materials: TR 90
- Colour: Black & Red Green + Grey, Black + Grey
- Application: Suitable for mining, construction, chemicals & petroleum industry
- Compliance: Z87.10
- Size: 57-16, 137

