



# Core Style Safety Eyewear

## Features

- ANSI Z87.1.2010 rated
- 3/4 frame
- Lightweight, shatterproof, polycarbonate lenses
- De-centered cut lens for superior optical quality
- Scratch-resistant coating
- Microfiber storage bag included with single piece part numbers only
- Accessories sold separately



**SG-1864**



**SG-18615**



**SG-1821**



**SG-18117**



**SG-18146**



**SG-181212**



**SG-181813**

Core Safety Eyewear Specifications									
Part Number	SG-1864	SG-1864-12	SG-18615	SG-18615-12	SG-1821	SG-18117	SG-18146	SG-181212	SG-181813
Price	<--->	<--->	<--->	<--->	<--->	<--->	<--->	<--->	<--->
Pieces/package	1	12	1	12	1	1	1	1	1
Frame Color	Shiny Pearl Gray	Shiny Pearl Gray	Shiny Pearl Gray	Shiny Pearl Gray	Matte Black	Crystal Brown	Woodland Brown Camo	Emerald Pearl	Mocha Brown
Lens Color	Clear	Clear	Indoor/Outdoor	Indoor/Outdoor	Smoke	Brown Flash Mirror	Brown	Gold Mirror	Brown
Lens Features	Anti-fog	Anti-fog	-	-	-	HD	HD	-	HD Polarized
Material									
Frame	3/4 frame, Polycarbonate with TPR Temples								
Lens	Polycarbonate								
Nosepiece	TPR (ThermoPlastic Rubber)								
Temple Width	130 mm								
Light Transmission % (True tested values)	91	91	50	50	18	20	22	16	22
UV Blocking Transmission %	99.9								
Agency Approvals	ANSI Z87.1.2010								



Company Information

Systems Overview

Programmable Controllers

Field I/O

Software

C-more & other HMI

Drives

Soft Starters

Motors & Gearbox

Steppers/Servos

Motor Controls

Proximity Sensors

Photo Sensors

Limit Switches

Encoders

Current Sensors

Pressure Sensors

Temperature Sensors

Pushbuttons/Lights

Process

Relays/Timers

Comm.

Terminal Blocks & Wiring

Power

Circuit Protection

Enclosures

Tools

Pneumatics

Safety

Appendix

Product Index

Part # Index



# Safety Eyewear



## Features

- All Crossfire lenses meet or exceed ANSI Z87+ requirements for safety eyewear.
- All foam-lined frames use closed-cell Ethylene Vinyl Acetate 35 (EVA 35) which is fire-retardant, non-absorbent and resistant to material breakdown from perspiration.
- Select styles feature de-centered cut lenses, resulting in 100% visual accuracy.
- Bayer's Makrolon<sup>®</sup> polycarbonate or Grilamid<sup>®</sup> TR90 materials provide lightweight, stress-resistant and outstanding impact strength to select Crossfire safety glasses.
- Thermoplastic rubber (TPR) provides maximum durability, hypoallergenic non-slip comfort to select nose pieces and temples.
- Panlite<sup>®</sup> L1250VX polycarbonate lenses provide superior optical quality and impact protection while blocking 99.9% of harmful UVA and UVB rays. (Polycarbonate lenses should not be exposed to temperatures in excess of 200°F.)

Frame construction offered in full, ¾, ½ or frameless based on style.

- Full frame indicates the lens is completely supported by the frame.
- ¾ frame indicates a majority of the frame is supporting the lens.
- ½ frame indicates the lens is supported by the top portion of the frame and no lower frame is present.
- Frameless designs have the hinges mounted directly to a solid lens.

## Style Categories

### Standard

- Infinity
- RPG
- Core
- KP6
- ES4
- ES5
- Cobra
- Sniper
- Viper
- Blade
- Mini-Blade

### Foam-lined

- Eclipse
- \* Raptor
- \* Diamondback
- \* Concept
- \* Shield

### Over-the-glass

- OG3

### Readers

- ES5

### Polarized










- Infinity
- RPG
- Core
- ES4
- ES5
- Sniper

### Accessories

- Microfiber storage bag
- Black cloth zipper pouch
- Adjustable string cord (length: 14 inches)
- 3/16" adjustable woven cord (length: 15.5 inches)

## LENS SELECTION GUIDE

### TRANSMISSION (Typical)

	Smoke: The perfect all-around tint for normal outdoor conditions.	18% of light passes through
	Colored Mirror: The mirrored surface over a smoke base lens diminishes glare by absorbing reflection across the mirror surface. Good for bright outdoor conditions.	16% of light passes through
	Silver Mirror: Similar to a smoke lens, but has the added mirror coating which filters more light, further reducing the glare. Ideal for bright outdoor conditions.	16% of light passes through
	HD Brown: Filters blue light which can cause eye fatigue and a haze effect. Use in normal to bright outdoor conditions.	22% of light passes through
	Indoor/Outdoor: Offers protection from the glare of bright artificial lighting and sunlight. Great for indoor and outdoor use.	50% of light passes through
	Clear: Allows maximum light transmission without changing or distorting sight or colors. Suitable for indoor or low light conditions.	91% of light passes through
	Yellow: Enhances available light. Appropriate for low light conditions in both indoor and outdoor environments.	80% of light passes through
	Orange: Enhances available light. Made for low light conditions in both indoor and outdoor environments.	80% of light passes through
	Ice Blue lens: Counteracts the effects of yellow light which cause glare and eye stress. Used in high yellow light conditions (fluorescent lighting).	80% of light passes through
	Polarized: Filters bent light caused by reflection, reducing glare and eye fatigue. Suitable for sunny outdoor conditions.	18% of light passes through
	HD Copper: Enhances available light. Made for low light conditions in both indoor and outdoor environments.	25% of light passes through
	HD Green: Filters blue light which can cause eye fatigue and a haze effect. Use in normal to bright outdoor conditions.	20% of light passes through



# Safety Eyewear Accessories



**SG-CR1**



**SG-CR3**



**SG-G3**



**SG-G4**

Safety Eyewear Accessories				
Part Number	SG-CR1	SG-CR3	SG-G3	SG-G4
Price	<--->	<--->	<--->	<--->
Pieces/package	1	1	1	1
Description	Black microfiber storage bag	Black cloth zipper pouch with hook and belt loop	Adjustable string cord with loop ends Length: 14 inches	3/16" adjustable woven cord with slip-on woven ends Length: 15.5 inches