

## Features

- ANSI Z87.1.2010 rated
- 1/2 frame
- Lightweight, shatterproof, polycarbonate lenses
- Adjustable nose piece
- 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-2164**



**SG-2141**



**SG-2123**



**SG-211125**



**SG-2169**



**SG-21427**

ES4 Safety Eyewear Specifications							
Part Number	SG-2164	SG-2164-12	SG-2141	SG-2123	SG-211125	SG-2169	SG-21427
Price	<--->	<--->	<--->	<--->	<--->	<--->	<--->
Pieces/package	1	12	1	1	1	1	1
Frame Color	Shiny Pearl Gray	Shiny Pearl Gray	Crystal Black	Shiny Black	Crystal Brown	Matte Black	Crystal Black
Lens Color	Clear	Clear	Smoke	Silver Mirror	Brown Flash Mirror	Red Mirror	Silver Mirror
Lens Features	-	-	-	-	HD	HD	Polarized
Material							
<b>Frames</b>	1/2 frame, TR90 ThermoPlastic						
<b>Lens</b>	Polycarbonate						
<b>Nosepiece</b>	TPR (ThermoPlastic Rubber)						
Temple Width	125 mm						
Light Transmission % (True tested values)	91	91	18	16	16	16	16
UV Blocking Transmission %	99.9						
Agency Approvals	ANSI Z87.1.2010 (Lenses marked "H" as tested for smaller head sizes)						



# 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