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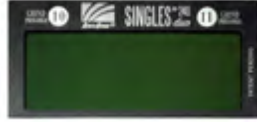
PERSONAL  
PROTECTION  
EQUIPMENT

**ARCONE**<sup>®</sup>

# AUTO-DARKENING LENSES

Looking for an upgrade to your existing welding lens? We've got you covered with the ArcOne Singles Retro-fit Lens lineup.

- HD Technology
- Compatible with most 2 x 4 welding helmets
- Light shade of 2.5 provides clearer view when not in use
- Low power solar technology
- No battery changes. Ever.



PART #	DESCRIPTION AND DIMENSIONS	LIGHT SHADE	DARK SHADE	SENSITIVITY	GRIND MODE	DELAY	TIG RATING	SENSORS	VIEWING AREA (SQ. IN.)
<b>SINGLES®</b>		<b>HIGH DEFINITION TECHNOLOGY</b>							
S240-8	Singles HD 2x4" (2 x 4 ¼ x .2")	2.5	8	Fixed	N	N	50	2	5.25
S240-9	Singles HD 2x4" (2 x 4 ¼ x .2")	2.5	9	Fixed	N	N	50	2	5.25
S240-10	Singles HD 2x4" (2 x 4 ¼ x .2")	2.5	10	Fixed	N	N	50	2	5.25
S240-11	Singles HD 2x4" (2 x 4 ¼ x .2")	2.5	11	Fixed	N	N	50	2	5.25
S240-12	Singles HD 2x4" (2 x 4 ¼ x .2")	2.5	12	Fixed	N	N	50	2	5.25
S450-9	Singles HD 4x5" (4 ½ x 5 ¼ x .2")	2.5	9	Fixed	N	N	50	2	5.25
S450-10	Singles HD 4x5" (4 ½ x 5 ¼ x .2")	2.5	10	Fixed	N	N	50	2	5.25
S450-11	Singles HD 4x5" (4 ½ x 5 ¼ x .2")	2.5	11	Fixed	N	N	50	2	5.25
S450-12	Singles HD 4x5" (4 ½ x 5 ¼ x .2")	2.5	12	Fixed	N	N	50	2	5.25
S540-9	Singles HD 5x4" (5 ¼ x 4 ½ x .2")	2.5	9	Fixed	N	N	50	2	5.25
S540-10	Singles HD 5x4" (5 ¼ x 4 ½ x .2")	2.5	10	Fixed	N	N	50	2	5.25
S540-11	Singles HD 5x4" (5 ¼ x 4 ½ x .2")	2.5	11	Fixed	N	N	50	2	5.25
S540-12	Singles HD 5x4" (5 ¼ x 4 ½ x .2")	2.5	12	Fixed	N	N	50	2	5.25
<b>SINGLES® DUO</b>		<b>HIGH DEFINITION TECHNOLOGY</b>							
S240-10/11	Singles Duo HD 2x4" (2 x 4 ¼ x .25")	2.5	10 & 11	Fixed	Y	N	50	2	5.25
S240-11/12	Singles Duo HD 2x4" (2 x 4 ¼ x .25")	2.5	11 & 12	Fixed	Y	N	50	2	5.25
<b>SUPER SINGLES®</b>		<b>HIGH DEFINITION TECHNOLOGY</b>							
SS240	Super Singles HD 2x4" (2 x 4 ¼ x .25")	3	10.5	Dual	Y	Y	25	2	5.25

# AUTO-DARKENING LENSES



PART #	DESCRIPTION AND DIMENSIONS	LIGHT SHADE	DARK SHADE	SENSITIVITY	GRIND MODE	DELAY	TIG RATING	SENSORS	VIEWING AREA (SQ. IN.)
<b>PROFESSIONAL GRADE</b>		<b>Entry-level, for welders who occasionally grind. Best options for students! *</b>							
1000F	Shade Master® Professional Grade True Color Technology	4	9-13	Variable	Y	Variable	25	2	6.0
4500V	Shade Master® Professional Grade True Color Technology	4	9-13	Variable	Y	Variable	25	4	7.1
<b>DIGITAL INDUSTRIAL</b>		<b>Industrial grade lenses for welders who perform diverse welding work, TIG weld and require clearest vision.</b>							
X54V	5x4" Digital ASIC (5 ¼ x 4 ½ x .244")	4	9-13	8 Settings	Y	8 Settings	5	2	7.25
X54Vi	5x4" Digital ASIC HD (5 ¼ x 4 ½ x .267")	4	5-14	8 Settings	Y	8 Settings	5	4	7.25
<b>HD DIGITAL INDUSTRIAL</b>		<b>Industrial grade, for welders working on complex and varied projects. ArcOne's most premium lens.</b>							
X81VX	Xtreme® Digital ASIC w/ X-TIG - HD 5x4" (5 ¼ x 4 ½ x .295")	3	5-14	8 Settings	Y	8 Settings	<5	5	12.6
<b>XTREME®</b>		<b>Industrial grade lenses for welders who perform various welding work, TIG weld and require a larger viewing area.</b>							
X450V	Xtreme® 4x5" Variable (4 ½ x 5 ¼ x .267")	3	9-12	Variable	Y	Variable	5	4	12.6
<b>BFF®</b>		<b>Industrial grade; for welders working on complex and varied projects. This lens has the largest viewing area in its category.</b>							
BFFVX	BFF® HD Lens with X-TIG (5 ¼ x 4 ½ x .374")	3	5-13	Variable	Y	2 delay settings: Delay 0.1 and 2 sec.	5	3	17

\* The Professional Grade is a non-HD Lens.



## See color in its truest form with ArcOne's HD Technology.

This innovative technology increases the range of visible light when looking through the lens, and while welding. By increasing the range of light, more natural colors can be seen, providing a clearer, more defined view of your work area.

## HAWK® HELMET SERIES

The Hawk® provides excellent head, neck and ear coverage.

- Can be retrofit with any ArcOne Singles Lens



**SATISFACTION GUARANTEED!**  
3-year warranty on all ArcOne® Auto-Darkening lenses.

## CARRERA™ HELMET SERIES

The Carrera™ ArcOne® helmet is ultra-light, and has a sleek, modern wider fit design.

- Built with many features from the premium welding hoods



PART #	H-0300	S240-10-0300	S240-10/11-0300	S240-11/12-0300	SS240-0300	1000F-0100	4500V-0100
<b>Consumer target</b>	Passive lens for the occasional welder, DIY	Entry level for the occasional welder, students, DIY				Entry level for the occasional welder, students, DIY	
<b>Viewing Area</b>	8.5 sq. in	5.25 sq. in	5.25 sq. in	5.25 sq. in	5.25 sq. in	6 sq. in	7.1 sq. in
<b>HD Technology</b>		HD	HD	HD	HD		
<b>Light Shade</b>		2.5	2.5	2.5	2.5	4	4
<b>Dark Shade</b>	10	10	10-11	11-12	10	9-13	9-13
<b>Variable Sensitivity</b>					✓	✓	✓
<b>Variable Delay</b>					✓	✓	✓
<b>X-TIG®</b>							
<b>Cut &amp; Grind Mode</b>			✓	✓	✓	✓	✓
<b>TIG Rating</b>		50 amps	50 amps	50 amps	25 amps	25 amps	25 amps
<b>Arc Sensors</b>	n/a	2	2	2	2	2	4
<b>Digital</b>							
<b>Solar powered</b>		✓	✓	✓	✓	✓	✓

**Viewing Area:** The total area through which the user can see. Larger viewing areas tend to be preferable for welding in different positions or all-day use because they increase peripheral vision.

**HD Technology:** This innovative technology increases the range of visible light seen through the lens providing a clearer, more defined view of the work area.

**Light State:** The shade when the welding filter is not welding. The lighter the light state, the better the welder can see his/her work area.

**Dark State:** The range of shades that determine how dark the filter will get when the arc is struck. Required darkness depends on the welding application.

**Variable Sensitivity:** Welding lens feature that allows the user to set the sensitivity of the sensors. High sensitivity is required for low light or low amperage applications; Low Sensitivity is ideal for intense light or high amperage applications.

**Variable Delay:** Lens feature that allows the welder to set the number of seconds it takes the lens to switch back to its light shade after the weld is complete.

# VISION® HELMET SERIES

The Vision® helmet is light, slim and will fit into tight areas, all while offering optimal face, ear and neck coverage.

- Best in class optical clarity and sensitivity
- Patented cover plate quick change system
- Dust and water resistance
- Meet ANSI and CSA standards



V-1500	1000F-1500	4500V-1500	X54V-1500	X54VI-1500	X81VX-1500	BFFVX-1500
Passive lens for the occasional welder, DIY	Entry level for the occasional welder, students, DIY		Professional for the everyday welder		Industrial for the everyday welder working on different types of complex projects	
25.5 sq. in	6 sq. in.	7.1 sq. in.	7.25 sq. in.	7.25 sq. in.	12.6 sq. in	17 sq. in
			HD	HD	HD	HD
	4	4	4	4	3	3
10	9-13	9-13	9-13	5-14	5-14	5-13
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	
					✓	✓
	✓	✓	✓	✓	✓	✓
	25 amps	25 amps	5 amps	5 amps	< 5 amps	5 amps
n/a	2	4	2	4	5	3
			✓	✓	✓	
	✓	✓	✓	✓	✓	Solar/USB rechargeable battery

**X TIG®:** A mode designed for welding in an environment with obstructed views. Sensors are triggered by the electromagnetic field created when welding.

**Cut & Grind Mode:** Ideal if you frequently switch between welding, cutting or grinding.

**Tig Rating:** The minimum light or amperage for which the auto-darkening lens will activate.

**Arc Sensors:** An increased number of arc sensors makes the lens more sensitive and provides better lens response.

**Digital:** Whether or not the auto-darkening lens has a digital display.

**Solar Powered:** Whether or not the lens has a solar battery. ArcOne's Vision BFFVX hood can last up to 6 months on a single charge.

**AVAILABLE  
DECAL OPTIONS**

FOR THE  
VISION® HELMET



BLACK (SKU# 1500)



SPEEDWAY (SKU# 1523)



TANK (SKU# 1555)



EL DIABLO (SKU# 1579)

FOR THE  
CARRERA™ HELMET



BLACK (SKU# 0100)



CARBON FIBER  
(SKU# 0110)



BLUE DOOM  
(SKU# 0141)



TOP GUN  
(SKU# 0166)



FIGHTING TIGER  
(SKU# 0171)

# AIRPLUS® POWERED AIR PURIFYING RESPIRATORY (PAPR)

The AirPlus® Powered Air System is the third generation development from the ArcOne® PAPR program.

ArcOne's AirPlus® air purifying respirator system is a motorized, battery operated system that blows a constant supply of fresh, filtered air over the face. It creates a positive pressure inside the respirator head top, keeping out harmful welding fumes and particulates.

## BASIC SYSTEM SPECIFICATIONS

BLOWER UNIT	
Type	Flow Control
Motor speed	6,000-10,000 RPM
Air supply (min/max)	170 LPM/260 LPM (6/9.5 CFM)*
Case	Impact-Proof ABS
Filter cartridge	Single plug-in
Filter	HEPA
Expandable breathing tube	31.5 in to 63 in
Pre-filter	Yes
Spark arrestor	Yes

BATTERY	
Type	Lithium Ion
Voltage	7.4 V
Operating time	14 hours at minimum fan speed
Charging time	6 hours
Charging cycles	500

CHARGER	
Type	DC rectifier
Voltage	120 V / 60 Hz
Output current	8.4 V, 1500 mA
Approvals	CE and UL

\*Performance dependent on filter life/cleanliness



- 8-setting airflow control, minimum flow at 170 LPM
- Constant airflow correction technology
- Visual and audible alarms for low battery voltage
- 14-hour battery operating time at minimum fan speed
- Audible and vibration alarms for low flow and missing filter
- Flexible, quick disconnect breathing tube
- Lightweight unit
- Ergonomic belt
- Pre-filter
- Spark arrestor
- NIOSH Approvals TC-21C-0947 and TC-21C-1095

**1-year warranty for the blower unit**

## AIRPLUS® SYSTEM PARTS AND ACCESSORIES

### AIRPLUS® SYSTEMS

PART #	DESCRIPTION
AP-1	AirPlus® Powered Air Purifying System includes Battery, Battery Charger, Waist Belt, Flexible Breathing Tube and Flame Retardant cover, Air Flow Indicator, Powered Respirator with HEPA filter, Spark Arrestor (2) and Pre-Filter (2).

### AIRPLUS® PARTS AND ACCESSORIES

PART #	DESCRIPTION
AP-BAT-03	AirPlus® battery
AP-BLW-02	AirPlus® blower unit (includes one P3 Filter)
AP-CHG-03	AirPlus® battery charger
AP-FIL-03-4	AirPlus® HEPA filter (4-Pack)
AP-FIL-03-12	AirPlus® HEPA filter (12-Pack)
AP-FIL-04-10	AirPlus® pre-filter (10 pack)
AP-WBT-01	AirPlus® waist belt (34.5")
AP-WBT-02	AirPlus® Heavy-duty waist belt (52.9")
AP-WBT-EXT	AirPlus® waist belt extension (10")
AP-AFI-01	AirPlus® Air flow indicator
AP-SA-01-2	AirPlus® spark arrestor (2-pack)
CA-CAC-02	Duffle bag



THERE ARE FOUR HEAD TOP OPTIONS THAT PAIR WITH YOUR AIRPLUS® PAPR SYSTEM



AirShield®



Airshield® flip-front  
welding helmet 4500V



Vision® helmet  
with X81VX



Vision® helmet with  
BFFVX lens

# AIRPLUS® SYSTEM PARTS AND ACCESSORIES



## WELD TO THE FULLEST

Every welder is different. That's why the ArcOne® AirPlus® is available with different head top options to choose from.

## PAIR YOUR ARCONE® AIRPLUS® BLOWER SYSTEM WITH ONE OF ARCONE'S HEAD TOP OPTIONS

	AIRSHIELD® For grinding applications	AIRSHIELD® FLIP FRONT For welding and grinding	VISION® with X81VX For mostly welding applications	VISION® with BFFVX For mostly welding applications
Part Number	AP-AR-SH	AP-4500V-AIR	AP-X81VX-1500	AP-BFFVX-1500
Viewing Area (square inches)	41.2	7.1	12.6	17.05
HD Technology	N/A		✓	✓
Light Shade	N/A	4	3	3
Dark Shade	N/A	9-13	5-14	5-13
Variable Sensitivity	N/A	✓	✓	✓
Variable Delay	N/A	✓	✓	
X-Tig Mode	N/A		✓	✓
Cut & Grind Mode	N/A	✓	✓	✓
TIG Rating	N/A	25	<5	5
Arc Sensors	N/A	4	5	3
Digital	N/A		✓	
Solar power	N/A	✓	✓	✓ (also comes with USB charger)
<b>PAPR Kit Part Number</b>	<b>AP1K-AIRSH</b>	<b>AP1K-A-4500V</b>	<b>AP1K-V-X81VX</b>	<b>AP1K-V-BFFVX</b>

PART #	DESCRIPTION
AP-AIRDUCT-01	AirPlus® Airduct - includes headgear
AP-SWB-01	AirPlus® sweatband (2-Pack)
AP-HG-K	AirPlus® headgear kit (Knobs, screws, pivot stop)
AP-BTC-03	AirPlus® breathing tube FR Cover
AP-BT3-FR	AirPlus® breathing tube FR Cover
O2-OP	Outside cover plate
AP-HFS-01	AirPlus® face seal for Vision model with screws
AP-HFS-02	Face seal for AirShield®
AP-HFS-03	AirPlus® Quick Change face seal for Vision
AIR-CL	AirShield® clear replacement visors (2-Pack)



## AIRPLUS® KITS

ArcOne® is now offering four kit options for the AirPlus® Powered Air Purifying Respirator (PAPR) System at a greatly discounted price.



PART #: AP1K-V-BFFVX



PART #: AP1K-V-X81VX



PART #: AP1K-AIRSH



PART #: AP1K-4500V

### AirPlus® with Vision® BFFVX Powered

**Air Purifying System kit includes:**

- Black Respiratory Vision® Auto-Darkening Welding Helmet with BFF® Lens, AirPlus® battery, battery charger, waist belt, flexible breathing tube with FR cover, airflow indicator, powered respirator with HEPA Filter, Pre-Filter, Spark Arrestor and duffle bag.

**BFFVX Lens specifications:**

- 17 Square inch viewing area
- Light state: 3 - Dark state: 5-13
- Grind mode
- 2 optical sensors, 1 magnetic sensor

### AirPlus® with Vision® X81VX Powered

**Air Purifying System kit includes:**

- Black Respiratory Vision® Auto-Darkening Welding Helmet with X81VX Lens, AirPlus® battery, battery charger, waist belt, flexible breathing tube with FR cover, airflow indicator, powered respirator with HEPA Filter, Pre-Filter, Spark Arrestor and duffle bag.

**X81VX Lens specifications:**

- 12.6 Square inch viewing area
- Light state: 3 - Dark state: 5-14
- Grind mode
- 4 optical sensors

### AirShield® with AirPlus® Powered

**Air Purifying System kit includes:**

- Respiratory AirShield® grinding visor, AirPlus® battery, battery charger, waist belt, flexible breathing tube with FR cover, airflow indicator, powered respirator with HEPA Filter, Pre-Filter, Spark Arrestor and duffle bag.

### AirShield® Flip front with AirPlus® Powered

**Air Purifying System kit includes:**

- Black Respiratory Vision® Auto-Darkening welding helmet with X81VX Lens, AirPlus® battery, battery charger, waist belt, flexible breathing tube with FR cover, airflow indicator, powered respirator with HEPA Filter, Pre-Filter, Spark Arrestor and duffle bag.

**4500V Lens specifications:**

- 7.1 Square inch viewing area
- Light state: 4 - Dark state: 9-13
- 4 optical sensors

# THE AIRPLUS® SYSTEM



Number	Description	Part Number
1	Face Seal	AIRSHIELD/AIRSHIELD FLIP FRONT: AP-HFS-02 VISION QUICK FACE SEAL: AP-HFS-03 VISION FACE SEAL: AP-HFS-01
2	Airduct assembly with headgear	AP-AIRDUCT-01
3	Breathing tube & fire retardant cover Fire retardant cover replacement (cover only)	AP-BTC-03 AP-BT3-FR
4	Flame retardant waistbelt	AP-WBT-01
5	Battery charger with universal plugs	AP-CHG-03
6	Heavy-duty Lithium Ion 6-cell battery	AP-BAT-03
7	Airplus blower unit	AP-BLW-02
8	HEPA filter (Pack of 4 or 12)	AP-FIL-03-4 (Pack of 4) AP-FIL-03-12 (Pack of 12)
9	Pre-filter (10 pack)	AP-FIL-04-10
10	Spark arrestor (2 pack)	AP-SA-01-2
11	Air flow indicator	AP-AFI-01

# ACCESSORIES

ArcOne's specially designed cover plates are lightweight and come in standard sizes.

Can also be used with other manufacturer's helmets.

### INSIDE AND OUTSIDE COVER PLATES FOR RETRO-FIT LENSES

PART #	COMPATIBLE LENS
02-OP FOR INSIDE AND OUTSIDE	S450, S540, X450V
02-OP FOR OUTSIDE	X54V, X54Vi
03-OP FOR INSIDE AND OUTSIDE	S240, S240-10/11, S240-11/12, SS240
08-IP FOR INSIDE	X54V, X54Vi



02-OP

### INSIDE COVER PLATE SHADE UPGRADES

PART #	DESCRIPTION
03IP-1	Passive Shade 1 Upgrade for 2 x 4" helmets
03IP-2	Passive Shade 2 Upgrade for 2 x 4" helmets
02IP-1	Passive Shade 1 Upgrade for 4 x 5" and 5 x 4" helmets
02IP-2	Passive Shade 2 Upgrade for 4 x 5" and 5 x 4" helmets
04IP-1	Passive Shade 1 Upgrade for Carrera™ ArcOne® 90 x 110 mm helmets (04-OP-1)
04IP-2	Passive Shade 2 Upgrade for Carrera™ ArcOne® 90 x 110 mm helmets (04-OP-2)



03-HGSB AND 06-HGSB-2

**ArcOne® has the highest quality and the longest lasting headgear on the market.**

ArcOne® sweatbands meet your budget without compromising comfort.

### HEADGEAR AND SWEATBANDS

PART #	DESCRIPTION
03-HGSB	FatBoy® Ultra-absorbent sweatband
04-HG	Economical ratchet headgear with cloth sweatband
04-HGSB-5	Lightweight felt sweatbands (5-Pack)
06-HG	ComfaGear® ratchet headgear with deluxe sweatband
06-HGSB-2	Deluxe sweatbands (2-Pack)
07-HGSB	Single rear felt sweatband
15-HG	ComfaGear® ratchet headgear with deluxe sweatband and large knobs
16-HG	Vision head gear ratchet with added gel pad for added comfort
16-HGSB	Replacement gel pad for 16-HG



16-HG

**NEW! Vision helmet improved headgear! Increased comfort for the welder.**

ArcOne's new and improved headgear includes a comfort gel pad specially designed for all-day wear.

# ACCESSORIES

ArcOne® produces two types of magnifier lenses, also known as diopters or cheaters.

The Standard Magnifying Lens is perfect for helmets like the Vision® that have a built-in mag lens holder. The Universal Magnifying Lens replaces your 2 x 4" rear cover plate, ideal with our Carrera™ ArcOne® welding helmet, or with the mounts for any manufacturer's 5 x 4" or 4 x 5" welding helmets.



**STANDARD MAGNIFYING LENS**

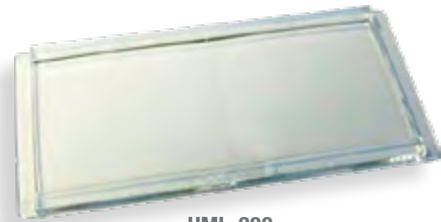
(Mag lens holder required)

PART #	DESCRIPTION
VML-100	1.00 Strength
VML-150	1.50 Strength
VML-200	2.00 Strength
VML-250	2.50 Strength

**UNIVERSAL MAGNIFYING LENS**

(Fits all manufacturer's mount helmets, kit is included)

PART #	DESCRIPTION
UML-100	1.00 Strength
UML-150	1.50 Strength
UML-200	2.00 Strength
UML-250	2.50 Strength
UML-300	3.00 Strength



UML-300



BFFVX-1500



XB1VX-1500



X54V-1500



X54VI-1500

**INSIDE COVER PLATES FOR VISION® HELMETS**

BFFVX	X81VX	X54V	X54VI
02-OP	04-OP	08-IP (Optional Anti-Fog 02-IP-AF)	08-IP (Optional Anti-Fog 02-IP-AF)

**REPLACEMENT ACCESSORIES FOR VISION® HELMETS**

OUTSIDE COVER PLATE	SWEATBANDS	REPLACEMENT HEADGEAR
02-OP	06-HGSB-2 (Front) 07-HGSB (Rear)	16-HG for X54V, X54Vi, BFFVX, X81VX

## BROWGUARDS & VISORS

- All models provide full face and eye protection against sparks, spatter, small particles, and non-hazardous liquids.
- Made for most work applications including grinding, cutting, brazing and machining.
- Browguards offer a sleek, wrap around design that can be worn comfortably with impact resistant safety glasses.
- Meet ANSI Z87.1 standards.



BG-FL



BG-1



BG2-2CL



BG4-K



BG-FF-8

	CUTTING & GRINDING					BRAZING AND PLASMA CUTTING	
PART #	BG-FL	BG1*	BG1-2CL*	BG2-2CL	BG4-K	BG-FF-5	BG-FF-8
Consumer Target	Entry level, basic protection	Professional and industrial cutting & grinding		Industrial cutting & grinding, best face protection. Includes a chin guard (for BG4-K only).		Cutting & brazing	Plasma cutting
Dimensions	8 x 15 ½ x 0.04 in	16 x 8 x 0.06 in	16 x 9 x 0.06 in	16 x 9 x 0.06 in	16 x 9 x 0.06 in	16 x 9 x 0.06 in	16 x 9 x 0.06 in
Material	P.E.T.G.	Injection moulded Polycarbonate				Injection moulded Polycarbonate	
Crown Size	3 in	3 in	3 in	4 in	3 in	4 in	4 in
Headgear Material	HDPE	Nylon	Nylon	Nylon	Nylon	Nylon	Nylon
Ratchet Suspension	✓	✓	✓	✓	✓	✓	✓

\* CSA approved.

### DIMENSIONS

Larger visor dimensions provide more protection for ears, face and neck.

### MATERIALS

Visor material; visors made from Injection moulded polycarbonate provide, better protection, longer life and are more resistant to scratching.

### CROWN SIZE

Larger crown sizes provide more head protection.

### HEADGEAR MATERIAL

Nylon provides longer life than HDPE.

# BROWGUARDS & VISORS

## AIRSHIELD®

PART #	DESCRIPTION
AIR-SH	AirShield® High-Impact Grinding Visor (7" x 5.4" x .040")
AIR-HEL	AirShield® Replacement Shell
AIR-CL	AirShield® Visor (8.75" x 5.5" x .040") (2-Pack)
AIR-WHA-04	Adapter to attach ArcOne® welding helmet to AirShield® using 04-HG
AIR-WHA-10	Adapter to attach ArcOne® welding helmet to AirShield® using 15-HG
SUHHA-03	Hard Hat Adapter, Slotted for V-Crown Hard Hats



AIR-SH  
AirShield®

## VISORS

### ArcOne® visors provide the protection you need.

Visors are molded from strong polycarbonate (injection molded), not thin materials or materials that yellow over time. Visors are available in two different styles, a more traditional look (168CL-PC) or a more stylish look (2CL-PC). Visors come in clear, dark green, IR3 and IR5 shades.

The 168 and 02 visors are CSA approved when used in combination with our BG1 Browguard. ArcOne® cost-performance durable visors fit most manufacturer browguards.

	PART #	SIZE	DESCRIPTION
<b>Modern Design Polycarbonate Injection Molded</b>	2CL-PC	16" x 9" x .060"	Clear (each)
	2CL-PC-50	16" x 9" x .060"	Clear, 50-Pack
	2DGN-PC	16" x 9" x .060"	Dark Green (each)
	2DGN-PC-50	16" x 9" x .060"	Dark Green, 50-Pack
<b>Traditional Design Polycarbonate Injection Molded</b>	168CL-PC	16" x 8" x .060"	Clear (each)
	168CL-PC-50	16" x 8" x .060"	Clear, 50-Pack
	168DG-PC	16" x 8" x .060"	Dark Green (each)
	168DG-PC-50	16" x 8" x .060"	Dark Green, 50-Pack
	168IR3-PC	16" x 8" x .060"	IR3 (each)
	168IR3-PC-50	16" x 8" x .060"	IR3, 50-Pack
	168IR5-PC	16" x 8" x .060"	IR5 (each)
	168IR5-PC-50	16" x 8" x .060"	IR5, 50-Pack
<b>PETG - Flat Stock</b>	1910CL-PE-10	19" x 9.75" x .040"	Clear visor, 10-pack
	1910DG-PE-10	19" x 9.75" x .040"	Dark Green visor, 10-pack
	1910IR5-PE-10	19" x 9.75" x .040"	IR5 visor, 10-pack
<b>PETG</b>	FLV-0815040-10	8" x 15.5" x .040"	Clear FL visor, 10-Pack
	FLV-0815040-100	8" x 15.5" x .040"	Clear FL visor, 100-Box
	FVL-0815060-10	8" x 15.5" x .060"	Clear FL visor, 10-Pack
	FLV-0815060-100	8" x 15.5" x .060"	Clear FL visor, 100-Box
<b>Chin Guard</b>	FS-CH	N/A	Clear Polycarbonate chin guard for 2CL Visor



2CL-PC  
Clear Visor



168IR5-PC  
IR5 Visor



1910DG-PE  
Dark Green PETG



FVL-0815060-10  
Clear FL Visor

# HARD HATS

Our slotted hard hat is made from polyethylene and is offered with ratchet headgear.

White V-Crown Hard Hat w/ Vision® helmet and SUHHA-02 adapter

- AVAILABLE V-CROWN COMBINATIONS:**
- Welding Helmet
  - Visor with FSHHA-01 Adapter



## HARD HATS

### SMOOTH DOME

Sleek and modern style is ideal for welding applications and attachments. Rain trough and slotted design high density polyethylene shell to accommodate all the latest accessories such as hearing protection, face shields, forestry kits or welding protection. Ratchet adjustment to properly fit all head sizes large or small. Attachment points for chin straps. HH-T1 CSA Type 1 Class E and ANSI Type I Class E.



PART #	COLOR
HH-T1-OR - Safety hard hat Type 1	Orange
HH-T1-WR - Safety hard hat Type 1	White
HH-T1-YR - Safety hard hat Type 1	Yellow

### V-CROWN

Hard hat with HDPE shell with rain trough, foam liner, 4-point nylon suspension, ratchet adjustment and 4 anchor points for chin strap. Foam liner to offer added lateral front, side and back protection. HH-T2 CSA Type 2 Class E and ANSI Type II Class E.



PART #	COLOR
HH-T2-OR - Safety hard hat Type 2	Orange
HH-T2-WR - Safety hard hat Type 2	White
HH-T2-YR - Safety hard hat Type 2	Yellow

## HARD HAT ADAPTERS

PART #	DESCRIPTION
SUHHA-02	Hard hat adapter for welding helmet ArcOne, MSA, North, Honeywell, Dynamic, and more
SUHHA-03	Hard hat adapter for welding helmet - Slotted for ArcOne HH-VC serie only
UHHA-01	Universal hard hat adapter (for non-slotted hard hats)
FSHHA-01	Universal hard hat adapter for visor
FSHHA-02	Hard hat slotted adapter for visor
FSHHA-03	Fibre-metal hard hat adapter for welding helmet












FSHHA-01  
(168 Visor & HH not included)



# SAFETY GLASSES

**ArcOne® safety glasses provide protection and comfort with eye-catching designs.**

Each style is lightweight and durable. Some styles come with IR3 and IR5 lenses for cutting and brazing. Meets ANSI Z87 or Z87+ safety standards and CSA Z94.3.

















LENS SELECTION GUIDE		LIGHT TRANSMISSION PERCENTAGE
	<b>CLEAR</b> Allows maximum light transmission. Suitable for indoor or low light conditions.	<b>91%</b>
	<b>INDOOR/OUTDOOR</b> Offers protection from bright indoor lighting or some sunlight.	<b>50%</b>
	<b>SMOKE</b> Typical sunglass tint for outdoor use. Excellent all-around outdoor use.	<b>15%</b>
	<b>AMBER</b> Enhance light situations. Perfect for low lighting conditions both inside and outside.	<b>80%</b>
	<b>MOCHA</b> Excellent filter for blue light and outside sunlight conditions.	<b>22%</b>
	<b>CHOCOLATE</b> Excellent filter for blue light and outside sunlight conditions.	<b>22%</b>
	<b>SILVER MIRROR</b> An additional filter reducing outdoor glare. Ideal for sunlight conditions.	<b>16%</b>
	<b>COLORED MIRROR</b> Mirror surface over a smoke lens diminishes glare and absorbs outdoor conditions. Ideal for sunlight.	<b>16%</b>
	<b>IR LENSES</b> Use when infrared protection is required. Consult safety director for shade 3 or 5 operation.	

## SE-1000 SERIES

The SE-1000 Series proves that quality and performance can come in an economical package. Offers full eye protection with a substantial amount of material than the eco-specs used by many companies. Available in multiple lens/finish configurations.



**Blocks up to 99.9% UV. Meets Z87.1 and CSA Z94.3.**

PART #	FRAME COLOR	LENS TYPE	FINISH	COATING	ANTI-SCRATCH
SE-1000	Clear	 Clear	 None	Hard coated	✓
SE-1001	Gray	 Smoke	 Gray Mirror	Hard coated	✓
SE-1002	Tan	 Indoor/Outdoor	 I/O Mirror	Hard coated	✓
SE-1003	Blue	 Smoke	 Blue Mirror	Hard coated	✓
SE-1004	Purple/Blue	 Smoke	 Purple/Blue	Hard coated	✓
SE-1005	Amber	 Amber	 None	Hard coated	✓
SE-1006	Smoke	 Smoke	 None	Hard coated	✓
SE-1007	Clear	 Mocha	 None	Hard coated	✓

# SAFETY GLASSES

**\*DO NOT WEAR IR3 AND IR5 WHILE DRIVING\***

## SE-2000 SERIES

The SE-2000 Series is a notch above the 1000 Series in style, as it creates an elegance not common for a standard price-performance product. Comes with rubber tips for added comfort and multiple lens/finish combinations including IR5 for cutting and brazing operations.

**Blocks up to 99.9% UV. Meets Z87.1 & CSA Z94.3.**



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING	ANTI-SCRATCH	MAGNIFICATION
SE-2000	Clear	Clear	None	Uncoated		N/A
SE-2001	Gray	Smoke	Silver Mirror	Hard coated	✓	N/A
SE-2002	Tan	Indoor/Outdoor	I/O Mirror	Hard coated	✓	N/A
SE-2003	Blue	Smoke	Blue Mirror	Hard coated	✓	N/A
SE-2004	Purple/Green	Smoke	Purple/Green	Hard coated	✓	N/A
SE-2005	Amber	Amber	None	Hard coated	✓	N/A
SE-2006	Smoke	Smoke	None	Hard coated	✓	N/A
SE-2007	Mocha	Mocha	Brown Mirror	Hard coated	✓	N/A
SE-2008	Smoke	IR5	None	Hard coated	✓	N/A
SE-2100	Clear	1.0 Diopter Bifocal	None	Hard coated	✓	1.0
SE-2150	Clear	1.5 Diopter Bifocal	None	Hard coated	✓	1.5
SE-2200	Clear	2.0 Diopter Bifocal	None	Hard coated	✓	2.0
SE-2250	Clear	2.5 Diopter Bifocal	None	Hard coated	✓	2.5
SE-2300	Clear	3.0 Diopter Bifocal	None	Hard coated	✓	3.0

## SE-7000 SERIES

The 7000 Series looks like other brands that cost more than double. You will want to wear these as your every day sunglasses; they are very stylish and provide full eye coverage. The 7000 Series come in multiple lens/finish combinations including IR3 and IR5, as well as silver, blue, and red mirrors.

**Blocks up to 99.9% UV. Meets Z87.1 & CSA Z94.3.**



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING	ANTI-SCRATCH
SE-7000	Black Gloss	Clear	Anti-fog	Hard coated	✓
SE-7001	Black Gloss	Smoke	Silver Mirror	Hard coated	✓
SE-7002	Black Gloss	Indoor/Outdoor	I/O Mirror	Hard coated	✓
SE-7003	Black Gloss	Chocolate	Blue Revo Mirror	Hard coated	✓
SE-7004	Black Gloss	Mocha	Red Revo Mirror	Hard coated	✓
SE-7008	Black Gloss	IR5	None	Hard coated	✓
SE-7009	Black Gloss	IR3	None	Hard coated	✓

# SAFETY GOGGLES

## ArcOne® safety goggles have been designed with you in mind.

ArcOne® offers fashionable goggle choices, available in a variety of styles, colors and lens options. Each goggle also comes with a pouch that doubles as a lens cleaner.

Meets ANSI Z87 safety standards.

### ACTION

The Action goggle can be used to protect your eyes in an industrial situation. The adjustable strap and interior pads provide all day comfort while at the same time increasing sealing around the eyes.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-ACT-A1101	Flat Black	Clear	Silver Mirror	Hard coated
G-ACT-B1204	Black Gloss	Smoke	Blue/Purple Revo	Hard coated

### CORONADO

The Coronado gives the look of fashion eyewear with the protection of goggles. A clean, low cut padding around the eyes increases protection as well as comfort. Removable temples give way to a strap should you desire a tighter fit. Looking great never protected so well.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-COR-A1301	Flat Black	IR3	Mirror finish	Hard coated

### THE FLY

The Fly is easily recognizable by the large round viewing area. It is worn by safety conscience individuals as well as those looking to be noticed. Whether you are outdoors or working in a dangerous environment where you need full coverage, the Fly is your perfect choice.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-FLY-A1101	Flat Black	Clear	Silver Mirror	Hard coated
G-FLY-B1202	Black Gloss	Smoke	Yellow/Orange Mirror	Hard coated
G-FLY-A1301	Flat Black	IR3	None	Hard coated

## SAFETY GOGGLES AND ACCESSORIES

### HOLLYWOOD

Hollywood goggles provide a hip style without compromising comfort. Thick foam completely surrounds the eyes ensuring no penetration. Removable temples give way to a strap should you desire a tighter fit. Diopter inserts available from 1.0 to 3.0 in half-shade increments.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-HOL-B1205	Black Gloss	● Smoke	■ Blue/Green Mirror	Hard coated
G-HOL-A1501	Flat Black	● IR5	■ Mirror Finish	Hard coated

### HOLLYWOOD DIOPTERS

PART #	DIOPTER
D-HOL-1.0	+1.00 Magnification
D-HOL-1.5	+1.50 Magnification
D-HOL-2.0	+2.00 Magnification
D-HOL-2.5	+2.50 Magnification
D-HOL-3.0	+3.00 Magnification



### G-CLIP

The G-Clip is another eyewear option providing IR protection and comfort for cutting and brazing. The G-Clip can be used to protect against the sun's infrared. To use, clip these removable lenses onto regular eye glasses.



PART #	LENS TYPE	FINISH	COATING	ANTI-SCRATCH
G-CLIP-05	IR5	None	Hard coated	✓



**WELDING  
ACCESSORIES**



PART #	DESCRIPTION
CG-01	Leather chin guard, flexible, protects chin and neck. One size fits all ArcOne® Helmets & most other Welding Helmets.
BAG-CANVAS-01	Canvas tool bag
CA-CAC-02	Polyester/Canvas duffle bag
BAG-HELMET-01	Nylon drawstring bag



**BAG-CANVAS-01**



**CG-01**  
Helmet sold separately



**BAG-HELMET-01**



**CA-CAC-02**

THE LARGEST  
VIEWING AREA IN  
ITS CATEGORY

VISION  
BFFVX



FEATURES



Dust and water resistant



Best-in-class optical clarity and sensitivity



Patented cover plate quick-change system



Wide dark shade range



LOW  
FAIBLE  
Low-power consumption (No battery changes. Ever.)



Slim, lightweight design



X-TIG technology: ideal for low amp TIG welding



Grind mode



Solar primary power



USB rechargeable cable (included)