



AUTO-DARKENING TECHNOLOGY • HEAD & FACE PROTECTION • RESPIRATORY PROTECTION

WHERE QUALITY MEETS
SAFETY
WITHOUT COMPROMISE

2020 PRODUCT CATALOG

TEL: 800.223.4685
WWW.ARC1WELDSAFE.COM



WHERE QUALITY MEETS
SAFETY
WITHOUT COMPROMISE



For over 25 years, ArcOne® has fueled the growth in Auto-Darkening technology. As a player in the health and safety market and above the neck PPE, ArcOne® strives to stay ahead of innovation in the industry by offering better and more advanced products to help consumers be more productive in their day-to-day, as well as keep them safe.

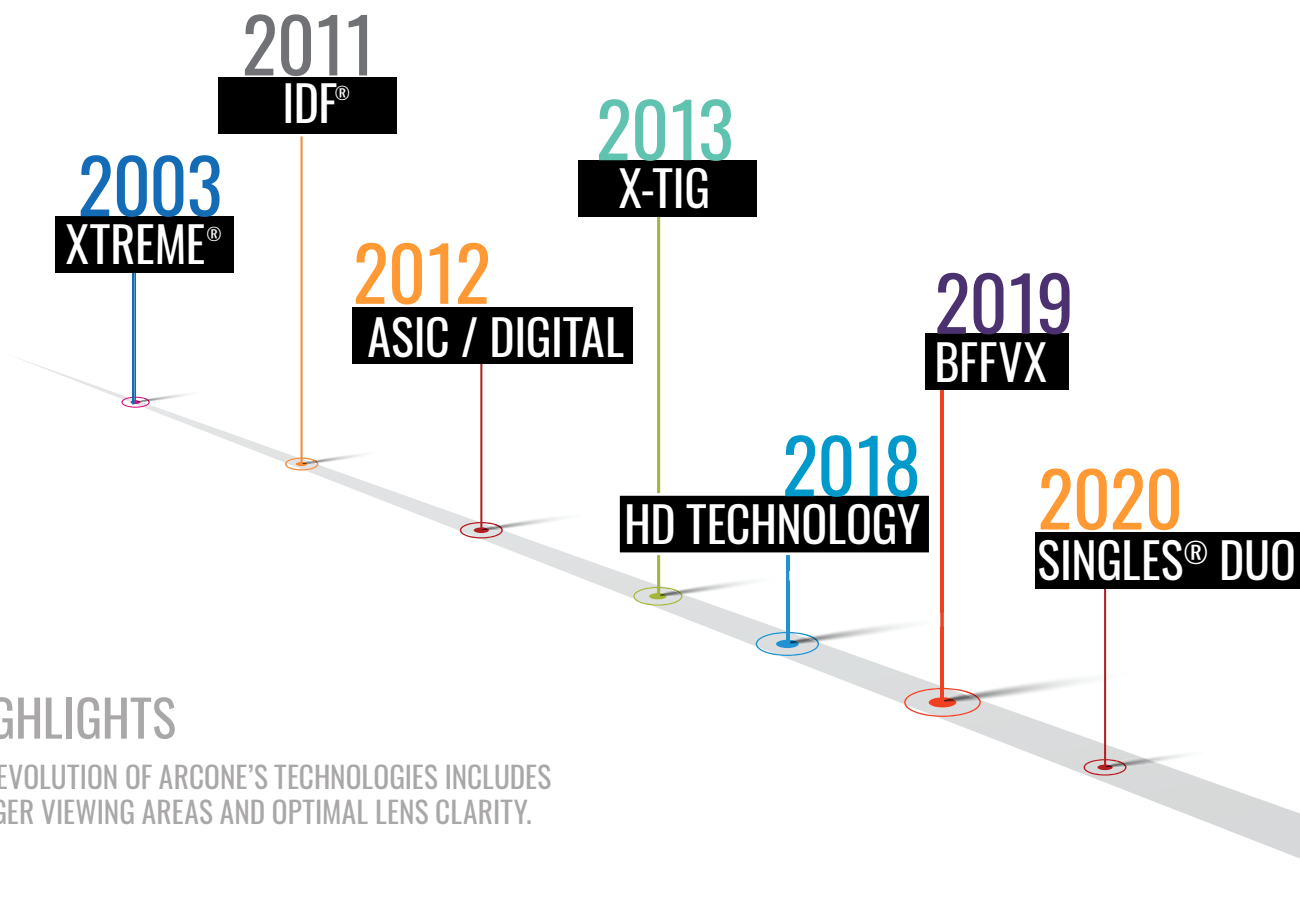


- ArcOne® engineers design welding helmets, respiratory protection products and head and face protection products.
- As a pioneer in the welding industry, ArcOne® was first to offer retro-fit Auto-Darkening filters and promote solar powered LCD screens in North America.
- The Quality Control and Assurance teams manage worldwide sourcing and assure adherence to the strictest quality standards.



FOR OVER 25 YEARS, ARCONE® HAS FUELED THE GROWTH IN AUTO-DARKENING TECHNOLOGY.

ArcOne® strives to stay ahead of innovation in the industry, offering better and more advanced products for our customers.



HIGHLIGHTS

THE EVOLUTION OF ARCONE'S TECHNOLOGIES INCLUDES LARGER VIEWING AREAS AND OPTIMAL LENS CLARITY.

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— Auto-Darkening Protection —



Welding Lens Shade Selection Guide

Choose the shade that's right for your welding application.

SHADE NUMBERS ARE GIVEN AS A GUIDE ONLY AND MAY BE VARIED TO SUIT INDIVIDUAL NEEDS.

PROCESS	ELECTRODE SIZE IN (MM)	ARC CURRENT (AMPERES)	MINIMUM PROTECTIVE SHADE	SUGGESTED SHADE NO. (COMFORT)
 Shielded Metal Arc Welding (SMAW)	Less than 3/32 (2.4)	Less than 60	7	–
	3/32-5/32 (2.4-4.0)	60-160	8	10
	5/32-1/4 (4.0-6.4)	160-250	10	12
	More than 1/4 (6.4)	250-550	11	14
 Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW)		Less than 60	7	–
		60-160	10	11
		160-250	10	12
		250-500	10	14
 Gas Tungsten Arc Welding (GTAW)		Less than 50	8	10
		50-150	8	12
		150-500	10	14
Air Carbon Arc (Light)		Less than 500	10	12
	Cutting (CAC-A) (Heavy)	500-1000	11	14
Plasma Arc Welding (PAW)		Less than 20	6	6 to 8
		20-100	8	10
		100-400	10	12
		400-800	11	14
Plasma Arc Cutting (PAC)		Less than 20	4	4
		20-40	5	5
		40-60	6	6
		60-80	8	8
		80-300	8	9
		300-400	9	12
		400-800	10	14
Torch Brazing (TB)		–	–	3 or 4
Torch Soldering (TS)		–	–	2
Carbon Arc Welding (CAW)		–	–	14

The chart above is published in ANSI Z49.1 - "Safety in Welding, Cutting and Allied Processes" on AWS.org

PRO TIP: As a rule of thumb, start with a shade that is too dark to see the weld zone. Then go to a lighter shade which gives sufficient view of the weld zone without going below the minimum.

NEW



ArcOne® lenses now have better technology, so welders can see colors like they've never seen before.

NEW HD S240



VS

NON-HD LENS



HD TECHNOLOGY

See color in its truest form with ArcOne's new 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.

HD Technology allows a wider range of visible light on the color spectrum, versus True Color, which tends to be more on the blue side of the spectrum, showing a slightly blue tint when looking through the lens.

NEW

SINGLES[®] duo

INTRODUCING THE SINGLES[®] DUO, THE SAME SINGLES[®] YOU KNOW AND LOVE, NOW WITH TWO SHADES!

Includes Two New Duo Shades 10/11 & 11/12

FEATURES:



SPECIFICATIONS:

PART #	S240-10/11 S240-11/12
LENS DIMENSION	2 x 4 1/4 x .25"
VIEWING AREA	5.25 Square Inches
SENSORS	2
LIGHT STATE	2.5
DARK STATE	10-11 or 11-12
GRIND	Yes
TIG RATING	50 Amps






Choose from the largest selection of auto-darkening lenses available in multiple sizes with varying options: shade, sensitivity and viewing area.

Whatever your requirements, ArcOne® can retro-fit your current helmet with the finest technology available.

**TRUE COLOR & HIGH DEFINITION OPTICS ON MOST LENSES
3-YEAR WARRANTY ON ALL LENSES!**

★ All starred lenses are available as retro-fit • **SEE PAGE 16** for retro-fit lens accessories

PART #	DESCRIPTION & DIMENSIONS	LIGHT SHADE	DARK SHADE	SENSITIVITY	GRIND MODE	DELAY	TIG RATING	SEN-SORS	VIEWING AREA (SQ. IN.)
★ SINGLES® *HIGH DEFINITION TECHNOLOGY 									
S240-8	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	8	Fixed	N	N	50	2	5.25
S240-9	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	9	Fixed	N	N	50	2	5.25
S240-10	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	10	Fixed	N	N	50	2	5.25
S240-11	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	11	Fixed	N	N	50	2	5.25
S240-12	Singles HD 2x4" (2 x 4 1/4 x .2")	2.5	12	Fixed	N	N	50	2	5.25
S450-9	Singles HD 4x5" (4 1/2 x 5 1/4 x .2")	2.5	9	Fixed	N	N	50	2	5.25
S450-10	Singles HD 4x5" (4 1/2 x 5 1/4 x .2")	2.5	10	Fixed	N	N	50	2	5.25
S450-11	Singles HD 4x5" (4 1/2 x 5 1/4 x .2")	2.5	11	Fixed	N	N	50	2	5.25
S450-12	Singles HD 4x5" (4 1/2 x 5 1/4 x .2")	2.5	12	Fixed	N	N	50	2	5.25
S540-9	Singles HD 5x4" (5 1/4 x 4 1/2 x .2")	2.5	9	Fixed	N	N	50	2	5.25
S540-10	Singles HD 5x4" (5 1/4 x 4 1/2 x .2")	2.5	10	Fixed	N	N	50	2	5.25
S540-11	Singles HD 5x4" (5 1/4 x 4 1/2 x .2")	2.5	11	Fixed	N	N	50	2	5.25
S540-12	Singles HD 5x4" (5 1/4 x 4 1/2 x .2")	2.5	12	Fixed	N	N	50	2	5.25
★ SINGLES® DUO *HIGH DEFINITION TECHNOLOGY 									
S240-10/11	Singles Duo HD 2x4" (2 x 4 1/4 x .25")	2.5	10 & 11	Fixed	Y	N	50	2	5.25
S240-11/12	Singles Duo HD 2x4" (2 x 4 1/4 x .25")	2.5	11 & 12	Fixed	Y	N	50	2	5.25
★ SUPER SINGLES® *HIGH DEFINITION TECHNOLOGY 									
SS240	Super Singles HD 2x4" (2 x 4 1/4 x .25")	3	10.5	Dual	Y	Y	25	2	5.25






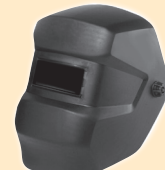

PART #	DESCRIPTION & DIMENSIONS	LIGHT SHADE	DARK SHADE	SENSITIVITY	GRIND MODE	DELAY	TIG RATING	SENSORS	VIEWING AREA (SQ. IN.)	
XT E.V.A. [®] Extended viewing area. Receive the effect of the complete lens while welding.										
★ XT540	Xtended Technology 5x4" (5 1/4 x 4 1/2 x .2")	3	10	Fixed	N	N	50	2	5.25	HD
PROFESSIONAL GRADE Fit for the journeyman welder, occasional use. True Color technology!										
1000F	Shade Master [®] Professional Grade True Color Technology	4	9-13	Variable	Y	Variable	25	2	6.0	TRUE-COLOR LENS TECHNOLOGY
4500V	Shade Master [®] Professional Grade True Color Technology	4	9-13	Variable	Y	Variable	25	4	7.1	TRUE-COLOR LENS TECHNOLOGY
SHADE MASTER [®] Professional European model lens, smaller and lighter format.										
5500V	Shade Master [®] ASIC - 110x90mm	4	5-14	8 Settings	Y	8 Settings	5	2	7.25	
7500VX	Shade Master [®] ASIC w/ X-TIG & HD - 110x90mm	3	5-14	8 Settings	Y	8 Settings	<5	3	9.30	HD
DIGITAL INDUSTRIAL										
★ X54V	5x4" Digital ASIC (5 1/4 x 4 1/2 x .244")	4	9-13	8 Settings	Y	8 Settings	5	2	7.25	HD
★ X54Vi	5x4" Digital ASIC HD (5 1/4 x 4 1/2 x .267")	4	5-14	8 Settings	Y	8 Settings	5	4	7.25	HD
HD DIGITAL INDUSTRIAL										
X81VX	Xtreme [®] Digital ASIC w/ X-TIG - HD 5x4" (5 1/4 x 4 1/2 x .295")	3	5-14	8 Settings	Y	8 Settings	<5	5	12.6	HD
★ XTREME [®]	The first 'Xtreme [®] ' large viewing area product and still the best.									
X450V	Xtreme [®] 4x5" Variable (4 1/2 x 5 1/4 x .267")	3	9-12	Variable	Y	Variable	5	4	12.6	HD
IDF [®] The Intelligent Darkening Filter combines hardware and software creating the most innovative product in 25 years.										
iDF81	Intelligent Darkening Filter - HD 5x4" (5 1/4 x 4 1/2 x .295")	3	5-14	Variable	Y	4 Settings	<5	4	12.6	HD
BFF [®] The Largest Auto-Darkening Filter on the market, with HD Technology!										
BFFVX	BFF [®] HD Lens with X-TIG (5 1/4 x 4 1/2 x .0374")	3	5-13	Variable	Y	Fixed	5	3	17	HD

NOTE:
X-TIG: A mode designed for welding in an environment with obstructed views. While in the X-Tig Mode, sensors are triggered by the electromagnetic field that is created when you start to weld rather than by the light of an arc. **i-TIG:** Welding lens mode for TIG welding that allows the welder to set a range for up-slope and down-slope shade control.

WELDING PRODUCTIVITY WITHOUT COMPROMISE

ArcOne® Welding Helmet Selection Guide

Select the ArcOne® welding helmet and Auto-Darkening Lens that is right for you

	PASSIVE	ENTRY	PROFESSIONAL	INDUSTRIAL
<p>The Vision® hood is ultra-light, slim and will fit into tight areas, all while offering optimal face, ear and neck coverage</p>	<p>VISION®</p> <ul style="list-style-type: none"> V-1500 	<p>VISION® 911</p> <ul style="list-style-type: none"> 4500V-1500 1000F-1500 <p>The Vision® shell you know and love is now offered with economical lens options</p> 	<p>VISION®</p> <ul style="list-style-type: none"> X54Vi-1500 X54V-1500 	<p>VISION®</p> <ul style="list-style-type: none"> X81VX Tig rating under 5 amps BFFVX Largest viewing-area in the industry iDF 
<p>The Carrera™ is ultra-light, and has a sleek modern design. It has a wider fit popular for all welders</p>		<p>CARRERA™</p> <ul style="list-style-type: none"> 4500V-0100 1000F-0100 ArcOne's most popular model 		
<p>The Hawk® is lightweight and provides good head, neck and ear coverage</p>	<p>HAWK®</p> <ul style="list-style-type: none"> H-0300 	<p>HAWK®</p> <ul style="list-style-type: none"> Single Shade ADF Helmet. Compatible with Singles® lenses 		
<p>Features:</p>	<ul style="list-style-type: none"> Used with Passive Lenses 	<ul style="list-style-type: none"> Built for quick welding tasks & ideal for students Include many features from the Professional and Industrial grade helmets Built to make quick work of most welding applications 	<ul style="list-style-type: none"> Built for the professional welder HD or True Color Technology Wide shade range ComfaGear® headgear 	<ul style="list-style-type: none"> Premium quality for heavy-duty, all-day welding HD Technology Best-in-class optical clarity & sensitivity Ideal for low amp TIG welding Largest viewing areas Dust and water resistant to withstand the toughest conditions Widest shade range ComfaGear® headgear Patented cover plate quick-change system

ArcOne® knows that every welder is different and their tasks can change every day. We offer the largest selection of hoods and lens combinations designed to help you optimize your welding productivity.



HD TECHNOLOGY

See color in its truest form with ArcOne's new 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.



SATISFACTION GUARANTEED!

3-year warranty on all ArcOne® Auto-Darkening lenses.

Size Matters.

INTRODUCING THE VISION® BFFVX, WITH THE LARGEST VIEWING AREA IN THE INDUSTRY.

DUST AND WATER RESISTANT

NOW WITH



SLIM, LIGHTWEIGHT DESIGN

17 SQ. IN. VIEWING AREA IS 25% LARGER THAN ANY OTHER LENS IN THE INDUSTRY

BEST-IN-CLASS SENSITIVITY

LOW-POWER CONSUMPTION SOLAR BATTERY

PATENTED COVER PLATE QUICK-CHANGE SYSTEM

ONLY NEEDS TO CHARGE EVERY 4-6 MONTHS

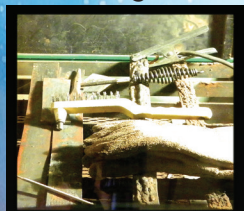
SEE ALL PRODUCT SPECS ON PAGE 11

SEE THE DIFFERENCE

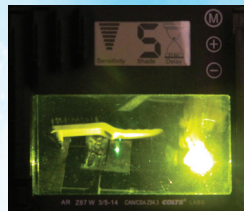
Other Light State



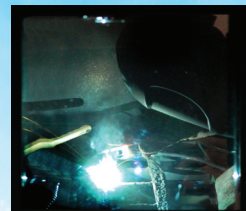
BFFVX • Light State



Other Shade 5



BFFVX • Shade 5



VISION® HELMET SERIES

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

The ArcOne® Vision® helmet series offers premium quality features for heavy-duty, all-day welding:

- HD Technology
- Best-in-class optical clarity & sensitivity
- X-TIG technology: ideal for low amp TIG welding
- Large viewing areas
- Dust and water resistant to withstand the toughest conditions
- Wide dark state shade range
- ComfaGear® headgear
- Patented cover plate quick-change system

All Vision® Auto-Darkening lenses meet ANSI and CSA standards.



BLACK (SKU# 1500)



AVAILABLE DECAL OPTIONS:



SPEEDWAY (SKU# 1523)



TANK (SKU# 1555)



EL DIABLO (SKU# 1579)



NEW



AUTO-DARKENING LENSES FOR VISION® HELMETS

INDUSTRIAL GRADE

PROFESSIONAL GRADE



REPLACEABLE AA BATTERY



BFFVX ⚠	X81VX ⚠	iDF81 ⚠	X54V ⚠	X54VI ⚠
Viewing Area 17 sq. in.	Viewing Area 12.6 sq. in.	Viewing Area 12.6 sq. in.	Viewing Area 7.25 sq. in.	Viewing Area 7.25 sq. in.
Light State 3	Light State 3	Light State 3	Light State 4	Light State 4
Dark State 5-13	Dark State 5-14	Dark State 5-14	Dark State 9-13	Dark State 5-14
Variable Sensitivity	8 Setting Sensitivity	Variable Sensitivity	8 Setting Sensitivity	8 Setting Sensitivity
Fixed Delay	8 Setting Delay	4 Setting Delay	8 Setting Delay	8 Setting Delay
X-TIG Mode	X-TIG Mode	-	-	-
Grind Mode	Grind Mode	Grind Mode	Grind Mode	Grind Mode
5 Amps	<5 Amp	<5 Amps	5 Amps	5 Amps
3 Sensors	5 Sensors	4 Sensors	2 Sensors	4 Sensors
Analog	Digital	Digital	Digital	Digital
BFFVX-1500	X81VX-1500	iDF81-1500	X54V-1500	X54VI-1500

INSIDE COVER PLATES FOR VISION® HELMETS

BFFVX	X81VX	X540V	iDF81	X54V	X54VI
02-OP ⚠	04-OP ⚠	08-IP (Optional Anti-Fog 02-IP-AF) ⚠	08-IP (Optional Anti-Fog 02-IP-AF) ⚠	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)	06-HG for X54V, X54VI 15-HG for BFFVX, X81VX, iDF81

CARRERA™ HELMET SERIES

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

Built with many features from the professional and Industrial grade helmets for the everyday welder looking to make quick work of most welding applications. The Carrera™ is also ideal for students:

- True Color Technology
- Shade Control
- Grind Mode
- Sensitivity
- Delay

All Carrera™ ArcOne® Auto-Darkening lenses meet ANSI and CSA and are CE approved.



BLACK (SKU# 0100)



AVAILABLE DECAL OPTIONS:



CARBON FIBER (SKU# 0110)



BLUE DOOM (SKU# 0141)



TOP GUN (SKU# 0166)



FIGHTING TIGER (SKU# 0171)



AUTO-DARKENING LENSES FOR CARRERA™ ARCONE® HELMETS



1000F ⚠	4500V ⚠
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Viewing Area 6 sq. in.

Light State 4

Dark State 9-13

Variable Sensitivity

Variable Delay

Grind Mode

25 Amps

2 Sensors



1000F-0100

Viewing Area 7.1 sq. in.

Light State 4

Dark State 9-13

Variable Sensitivity

Variable Delay

Grind Mode

25 Amps

4 Sensors



4500V-0100

REPLACEMENT ACCESSORIES FOR CARRERA™ ARCONE® HELMETS

INSIDE COVER PLATE	OUTSIDE COVER PLATE	SWEATBAND	REPLACEMENT HEADGEAR	CENTER SECTION	THUMBSCREW
03-OP ⚠	04-OP ⚠	04-HGSB-5	04-HG ⚠	CAR-CS	CAR-SCR

HAWK® HELMET SERIES

The Hawk® is perfect for general welding applications. It is one of the lightest helmets, comfortable for all day use. The Hawk® provides excellent head, neck and ear coverage.

The Hawk® has a 2x4" viewing area, 03-OP Outside and Inside Cover Plate, and 04-HG Replacement Headgear.



- BLACK (SKU# S240-10-0300)
- BLACK (SKU# S240-10/11-0300)
- BLACK (SKU# S240-11/12-0300)
- BLACK (SKU# SS240-0300)
- BLACK PASSIVE (SKU# H-0300)



AUTO-DARKENING LENSES FOR HAWK® HELMETS

S240-10 ⚠	S240-10/11 ⚠	S240-11/12 ⚠	SS240 ⚠
Viewing Area 5.25 sq. in.	Viewing Area 5.25 sq. in.	Viewing Area 5.25 sq. in.	Viewing Area 5.25 sq. in.
Light State 2.5	Light State 2.5	Light State 2.5	Light State 2.5
Dark State 10	Dark State 10 & 11	Dark State 11 & 12	Dark State 10
Fixed Sensitivity	Fixed Sensitivity	Fixed Sensitivity	Dual Sensitivity
-	-	-	Delay
-	Grind Mode	Grind Mode	Grind Mode
50 Amps	50 Amps	50 Amps	25 Amps
2 Sensors	2 Sensors	2 Sensors	2 Sensors
			

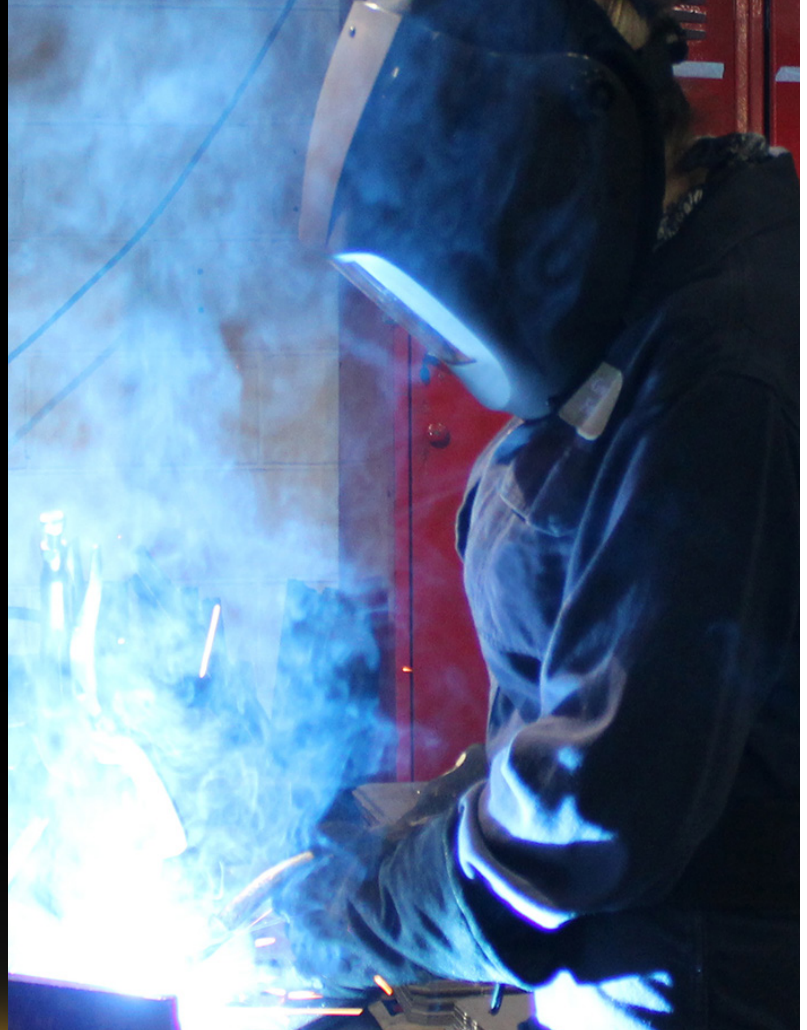
VISION® 911 HELMET SERIES

The Vision® 911 helmet has the style and sleek shape of our main Vision® helmet line but uses a more economical 110x90mm lens.

The Vision® 911 uses the 04-OP Outside Cover Plate, 03-OP Inside Cover Plate, and 04-HG Headgear.



BLACK (SKU# 1000F-1500)
BLACK (SKU# 4500V-1500)
BLACK PASSIVE (SKU# H-1500)



AUTO-DARKENING LENSES FOR VISION® 911 HELMETS

1000F

4500V

Viewing Area 6 sq. in.

Viewing Area 7.1 sq. in.

Light State 4

Light State 4

Dark State 9-13

Dark State 9-13

Variable Sensitivity

Variable Sensitivity

Variable Delay

Variable Delay

Grind Mode

Grind Mode

25 Amps

25 Amps

2 Sensors

4 Sensors



1000F-1500



4500V-1500



RETRO-FIT COVER PLATES

ArcOne's specially designed cover plates are lightweight and come in standard sizes that can also be used with other manufacturer's helmets that use the same size cover plates.

INSIDE & OUTSIDE COVER PLATES FOR RETRO-FIT LENSES

PART #	COMPATIBLE LENS:
02-OP FOR INSIDE & OUTSIDE	S450 S540 XT540 X450V
02-OP FOR OUTSIDE	X54V X54Vi
03-OP FOR INSIDE & OUTSIDE	S240 S240-10/11 S240-11/12 SS240 T240
08-IP FOR INSIDE	X54V X54Vi

INSIDE COVER PLATE SHADE UPGRADES

PART #	DESCRIPTION
03IP-1	Passive Shade 1 Upgrade for 2x4" helmets
03IP-2	Passive Shade 2 Upgrade for 2x4" helmets
02IP-1	Passive Shade 1 Upgrade for 4x5" and 5x4" helmets
02IP-2	Passive Shade 2 Upgrade for 4x5" and 5x4" helmets
04IP-1	Passive Shade 1 Upgrade for Carrera™ ArcOne® 90x110mm helmets (04-OP-1)
04IP-2	Passive Shade 2 Upgrade for Carrera™ ArcOne® 90x110mm helmets (04-OP-2)

MAGNIFIER LENSES

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 2x4" rear cover plate, ideal with our Carrera™ ArcOne® welding helmet, or with the mounts for any manufacturer's 5x4" or 4x5" 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

ArcOne® has the highest quality headgear on the market, lasting longer than other manufacturers.

ArcOne® sweatbands meet your budget without compromising comfort. Providing different sweatbands for different uses, we have felt bands, industrial comfort bands, and ultra absorbing bands.

HEADGEAR & 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



03-HGSB & 06-HGSB-2





— Head & Face Protection —



ArcOne® browguards and visors provide full face and eye protection against sparks, spatter, small particles and non-hazardous liquids.

Made for most work applications including grinding, cutting, brazing painting and machining. Browguards offer a sleek, wrap around design that can be worn comfortably with impact resistant safety glasses. Meets ANSI Z87.1 safety standards.

BROWGUARDS & FLIP-FRONTs ⚠

PART #	DESCRIPTION
⚠ BG1	Browguard Medium - Blue Nylon with 168CL PC Visor
⚠ BG1-2CL	Browguard (BG1) with 2CL-PC Visor
BG2	Browguard Large - Black Nylon without Visor
⚠ BG2-2CL	Browguard (BG2) with 2CL-PC Visor
BG-FF	Flip-Front Browguard
⚠ BG-FF-5	Browguard with Flip-Front (IR5) - IR5 for Cutting/Brazing
⚠ BG-FF-8	Browguard with Flip-Front (IR8) - IR8 for Plasma
⚠ FF-5-AK	Flip-Front Adapter Kit (IR5)
⚠ FF-8-AK	Flip-Front Adapter Kit (IR8)
BG-HG	Browguard Headgear - Ratchet (Fits BG2 and BG-FF)



BG1
Browguard with 168 Visor



DID YOU KNOW:

Our ArcOne® Browguard and Visor BG1 is a quality product that offers 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.

NOTE: The BG1 when paired with the 2CL or 168 Visors meet Z87+ High Mass Impact rating for grinding.



BG2-2CL
BG2 Shown with 2CL Visor



BG-FF-5 & BG-FF-8
Flip-Front Browguard
with 2CL Visor



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®

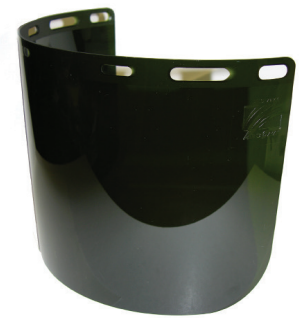
VISORS

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 meet ANSI Z87.1 Safety Standards and Z87+ when used in combination with our BG1 Browguard. ArcOne® cost-performance durable visors fit most manufacturer browguards. Sold in quantities of 10 and 50.

	PART #	SIZE	DESCRIPTION
Modern Design Polycarbonate Injection Molded	⚠ 2CL-PC	16" x 9" x .060"	Clear for Flip (each)
	⚠ 2CL-PC-50	16" x 9" x .060"	Clear for Flip 50-Pack
	⚠ 2DGN-PC	16" x 9" x .060"	Dark Green for Flip (each)
	⚠ 2DGN-PC-50	16" x 9" x .060"	Dark Green for Flip 50-Pack
	⚠ 168CL-PC	16" x 8" x .060"	Clear (each)
	⚠ 168CL-PC-50	16" x 8" x .060"	Clear 50-Pack
Traditional Design Polycarbonate Injection Molded	⚠ 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
PETG - Flat Stock (Does not fit on BG1 Browguard)	1910CL-PE-10	19" x 9.75" x .040"	Clear (each)
	1910DG-PE-10	19" x 9.75" x .040"	Dark Green (each)
	1910IR5-PE-10	19" x 9.75" x .040"	IR5 (each)



168IR5-PC
IR5 Visor
⚠



1910DG-PE
Dark Green PETG



2CL-PC
Clear Visor
⚠

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

Its lightweight design makes it ideal for long days. Hard hats are available in six colors; red, orange, yellow, green, blue and white. Meets ANSI Z89.1-2003, Type 1; Classes C, G & E.

V-CROWN HARD HATS



PART #	COLOR
HH-VC-RR	Red
HH-VC-OR	Orange
HH-VC-YR	Yellow
HH-VC-CR	Green
HH-VC-BR	Blue
HH-VC-WR	White
HH-VC-WR-100	White/100-Pack

White V-Crown Hard Hat w/ Vision® helmet & SUHHA-03 adapter



AVAILABLE V-CROWN COMBINATIONS:

- Welding Helmet
- Visor with FSHHA-01 Adapter

HARD HAT ADAPTERS

PART #	DESCRIPTION
SUHHA-02	Hard Hat Adapter - slotted (for MSA smooth dome Hard Hat only)
SUHHA-03	Hard Hat Adapter (for ArcOne® V-Crown only) for Welding Helmet
UHHA-01	Universal Hard Hat Adapter (for non-slotted Hard Hats)
FSHHA-01	Visor to Hard Hat Adapter



FSHHA-01 (168 Visor & HH not included)



SUHHA-02
Hard Hat Adapter (for MSA Slotted only)



SUHHA-03
Hard Hat Adapter (for ArcOne® V-Crown only)



UHHA-01
Universal Hard Hat Adapter












FSHHA-01
Visor Hard Hat Adapter

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.

LENS SELECTION GUIDE & LIGHT TRANSMISSION PERCENTAGE

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

ASK US ABOUT:

Volume discounts available on all safety glasses and goggles.

SE-1000 SERIES

The SE-1000 Series proves that quality and performance can come in an economical package. The 1000 Series provides 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 rating.



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	✓
SE-1000-10-AS	Assorted	Assorted	Assorted	Hard coated	✓

NOTE: ALL GLASSES AND GOGGLES ARE SOLD IN 10-PACKS ONLY



CALIFORNIA RESIDENTS
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov. - applies to all on this page

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. The 2000 Series 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 rating.



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-2000-10-AS	Assorted	Assorted	Assorted	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-3000 SERIES ⚠

The 3000 Series is our newest safety glass option, giving a modern and stylish look at an economical price. The 3000 Series is flexible and provides full eye and side coverage, with lens colors ranging from mirrored as well as IR5 for cutting and brazing. Blocks up to 99.9% UV. SE-3001-3007 meets U6. Assorted 10-Pack available. Meets Z87+ rating.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING	ANTI-SCRATCH
SE-3001	Gray	Smoke	Gray Mirror	Hard coated	✓
SE-3007	Smoke	Mocha	Red Mirror	Hard coated	✓
SE-3008	Smoke	IR5	None	Hard coated	✓

NOTE: ALL GLASSES AND GOGGLES ARE SOLD IN 10-PACKS ONLY



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 & IR5, as well as silver, blue, and red mirrors. Blocks up to 99.9% UV. Meets Z87 rating.



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	✓
SE-7000-10-AS	Assorted	Assorted	Assorted	Hard coated	✓

SE-8000 SERIES ⚠

The 8000 Series have the look and feel of those designer glasses costing 20 times more. Larger rectangular frames promote a modern sports image. Comes complete with over-molded frames and a micro-fiber bag. Smart, stylish and affordable. Assorted 10-Pack available. Blocks up to 99.9% UV. Meets Z87 rating.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING	ANTI-SCRATCH
SE-8001	Black Gloss	Smoke	Silver Mirror	Hard coated	✓
SE-8002	Bronze	Indoor/Outdoor	Hard coated	Hard coated	✓
SE-8003	Black Gloss	Chocolate	Blue	Hard coated	✓
SE-8004	Mocha	Chocolate	Hard coated	Hard coated	✓

NOTE: ALL GLASSES AND GOGGLES ARE SOLD IN 10-PACKS ONLY

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.

DO NOT WEAR IR3 AND IR5 WHILE DRIVING

ACTION ⚠

The Action goggle can be used to protect your eyes in an industrial situation or even on the racquetball court. The adjustable strap provides all day comfort. Interior pads increase 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
G-ACT-A1501	Flat Black	IR5	None	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-A1101	Flat Black	Clear	Silver Mirror	Hard coated
G-COR-B1205	Black Gloss	Smoke	Blue/Green Mirror	Hard coated
G-COR-A1501	Flat Black	IR5	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
G-FLY-A1501	Flat Black	IR5	Mirror Finish	Hard coated

NOTE: ALL GLASSES AND GOGGLES ARE SOLD IN 10-PACKS ONLY



CALIFORNIA RESIDENTS

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ICEMAN ⚠

The IceMan could easily double for those fancy ski goggles you see on the slopes, and they protect as good as any safety goggle on the market today. They come with an adjustable strap for all day comfort, and even fit over prescription glasses.



PART #	FRAME COLOR	LENS TYPE	FINISH	COATING
G-ICE-B1205	Black Gloss	Smoke	Yellow/Purple Revo	Hard coated
G-ICE-A1501	Black Gloss	IR5	None	Hard coated

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-A1101	Flat Black	Clear	Silver Mirror	Hard coated
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



NOTE: ALL GLASSES AND GOGGLES ARE SOLD IN 10-PACKS ONLY



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FLIP-FRONT ⚠️

The Flip-Front goggle is meant for cutting and brazing and is available with the traditional shade 5 plate. The soft silicone material provides a comfortable fit. * Also accepts S240 and T240 Auto-Darkening Filters (Call for Details).



3-IN-1 PROTECTION KIT ⚠️

The 3-IN-1 Protect is a kit combining clear goggles with safety ear muffs and a particulate mask. The kit is ideal if you are working outdoors, in a lab, around chemicals or just any application where eye, hearing and respiratory protection are a must. The Noise Reduction Rating (NRR) for the 3-IN-1 kit is 23dB. The 3-IN-1 is packaged perfectly for retail use at an affordable price.



PART #	MODEL	DESCRIPTION
G-FLIP-IR5	Flip-Front	Soft Polycarbonate Goggle, with IR5 Flip-Front
3N1P	3-IN-1 Protect	Safety Goggles, Ear Muffs and Particulate Mask

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 suns 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	✓



DID YOU KNOW:

The 10 Most Frequently Cited OSHA Violations in 2019

#10 Personal Protective and Lifesaving Equipment - Eye and Face Protection (1926.102)
• 1,411 violations

NOTE: ALL GLASSES AND GOGGLES ARE SOLD IN 10-PACKS ONLY



— Respiratory Protection —



WHY IS RESPIRATORY PROTECTION SO IMPORTANT?

ArcOne® has been protecting welders from harmful fumes for over 20 years.

As a pioneer in Respiratory Protection for welders, ArcOne® has continued to champion the use of powered air systems. Welding creates fumes. Depending on the ventilation in the work setting, a powered air system may be the prudent approach to worker safety.

For a correct analysis of the work environment, air sampling should be completed by an industrial hygienist and/or a safety expert. This sampling may be required every three to six months. An alternative approach may be to use a combination of historical monitoring data, sampling, and/or objective data where all information closely resembles the current manufacturing condition.

When respirators are in use, a respiratory protection program should be formalized covering the basic requirements. OSHA Respiratory Protection Standard (29 CFR 1910.134) covers these requirements.



WELDING RESPIRATORY PROTECTION OPTIONS	N95	AIRPLUS®	
		AIRPLUS® & VISION® 	AIRPLUS® & AIRSHIELD® 
APF Level	10	25	25
General Dust	X	X	X
Steel	X	X	X
Manganese	X	X	X
Stainless Steel	X	X	X
Chromium	X	X	X
Galvanized Steel	X	X	X
Cadmium		X	X
Lead		X	X
Ozone	X		

NOTE: MULTIPLE SR FILTERS MUST BE COMBINED TO PROTECT AGAINST ALL OF THE ELEMENTS. ALWAYS CONSULT INDUSTRIAL HYGIENIST OR SAFETY EXPERT TO DETERMINE IF APF WILL BE ACCEPTABLE FOR THE MEASURED CONCENTRATION LEVEL OF YOUR APPLICATION. CONTACT OSHA AS A RESOURCE AT 1-800-321-OSHA.

WHICH TYPE OF RESPIRATORY PROTECTION WORKS BEST FOR YOU?

The type of protection that is best for you depends on the environment and the protection factor dictated by that environment.

Powered Air provides protection which is an Assigned Protection Factor (APF) of 25. Manual respirators like our N95 models provide an APF of 10. APF means the workplace level of respiratory protection that a respirator or class of respirators is expected to provide to employees when the employer implements a continuing, effective respiratory protection program.

Powered Air systems provide maximum flexibility for the worker, enabling a greater degree of movement. Use this type of protection when the worker moves around on a regular basis in the production process.



POWERED AIR-PURIFYING RESPIRATOR (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
Motor	Brush-less
Air Supply	Minimum of 6 Cubic Feet (170 liters/minute)
Case	Impact-proof ABS
Filter Cartridge	Single plug-in type
Hose Length	34.5 in / 876 mm
Hose Diameter (Internal)	1.1 in / 28 mm
Hose Connection	Quick Disconnect
Weight	1.4 lbs / 0.63 kg
Dimensions	7.1 x 3.7 x 7.4 in, 180 x 94 x 187 mm
Color	Black and Blue

BATTERY

Type	Lithium-Ion
Voltage	7.4 V
Operating Time	14 hours at minimum fan speed
Charging Time	6 hours
Charging Cycles	350 (under ideal conditions)
Housing	Impact-proof ABS
Weight	0.78 lb / 0.35 kg
Dimensions	5.9 x 2.9 x 1.65 in, 150 x 74 x 42 mm
Color	Black

CHARGER

Type	DC Rectifier
Primary Voltage	120 V / 60 Hz
Secondary Voltage	7.4 V
Output Current	DC 8.4 V, 1500 mA
Weight	0.24 lb / 0.110 kg
Dimensions	3.3 x 2.6 x 1.7 in, 84 x 66 x 43 mm
Color	Black
Approvals	CE and FCC

Features

- 8-Setting airflow control, minimum flow at 170 LPM
- Constant airflow correction technology
- Visual and audible alarms for low battery voltage
- 14-hour Lithium-Ion battery (at minimum fan speed) charges in 6 hours
- Audible and vibration alarms for low flow (clogged filter) and missing filter
- Ergonomic comfortable belt
- Flexible breathing tube with quick disconnect with fire retardant air-hose cover
- NIOSH 42 CFR Part 84 Approval Number: TC-21C-0947

NOTE:

With the exception of our PAPR Kits on Page 33, head tops and blowers must be ordered separately for the AirPlus® PAPR System.



AIRPLUS® SYSTEMS

PART #	DESCRIPTION
AP-1	AirPlus® Powered Air Purifying System includes Battery, Battery Charger, Waist Belt, Flame Retardant Tube & Hose Cover, Air Flow Indicator, Powered Respirator with HEPA filter & duffle bag.

AIRPLUS® PARTS AND ACCESSORIES

PART #	DESCRIPTION
AP-BAT-02	AirPlus® Battery
AP-BLW-02	AirPlus® Blower Unit (includes one P3 Filter)
AP-CHG-01	AirPlus® Battery Charger
AP-BT-01	AirPlus® Breathing Tube without FR Cover
AP-BT-02	AirPlus® Long Breathing Tube without FR Cover
AP-BTC-01	AirPlus® Breathing Tube with FR Cover
AP-BTC-02	AirPlus® Long Breathing Tube with FR Cover
AP-BT-FR	AirPlus® Flame Retardant Breathing Tube Cover
AP-BT2-FR	AirPlus® Flame Retardant Breathing Tube Cover with extra length
AP-FIL-03-4	AirPlus® HEPA Filter (4-Pack)
AP-FIL-03-12	AirPlus® HEPA Filter (12-Pack)
AP-WBT-01	AirPlus® Waist Belt (34.5")
AP-WBT-EXT	AirPlus® Waist Belt Extension (10")
⚠ AP-AFI-01	AirPlus® Air Flow Indicator
CA-CAC-02	Duffle bag



There are two head top options that pair with your AirPlus® PAPR System.



Vision®

AirShield®



TO LEARN MORE ABOUT THE HAZARDS OF BREATHING IN WELDING FUMES: Check out OSHA fact sheet: “Controlling Hazardous Fume and Gases during Welding” at www.osha.gov

The Vision® head top is the most popular head top used with our AirPlus® PAPR System. The Vision® 5x4" Auto-Darkening Welding Helmet is available in black and decal designs and is a lightweight, full-coverage helmet.



PICK A VISION® HEAD TOP TO GO WITH BFFVX, IDF81, X81VX, X54V, X54VI LENS & AP-1 (X=LENS)



BLACK
AP-(X)-1500



SPEEDWAY
AP-(X)-1523



TANK
AP-(X)-1555



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-BT-01	AirPlus® Breathing Tube without FR Cover
AP-BTC-01	AirPlus® Breathing Tube with FR Cover
AP-BT-FR	AirPlus® Flame Retardant Hose Cover
O2-OP	Outside Cover Plate
AP-HFS-01	AirPlus® Face Seal

AIRPLUS® WITH VISION® WELDING HELMET HEAD TOP

Material	Nylon
Weight	1.23 lbs / .56 kg
Colors	Black and decal designs
Approvals	ANSI Z87.1 + and CAN/CSA Z94.3

* SEE PAGE 11 FOR FILTER SPECIFICATIONS.

ArcOne's new full-coverage grinding visor exceeds expectations with its durable construction, large viewing area, sturdy headgear, quick and easy visor installation and removal, all at an economical price-point.

Use the AirShield® with our Vision®, Python® or Carrera™ ArcOne® welding helmets via optional welding helmet adapters, sold separately.

PART #	DESCRIPTION
⚠ AP-HFS-02	Face Seal for Eagle® and AirShield®
AP-BT-01	Breathing Tube without FR Cover
AP-BTC-01	Breathing Tube with FR Cover
AP-BT1-FR	Flame Retardant Hose Cover
AIR-WHA-10	Adapter to attach AirShield® to an ArcOne® welding helmet
⚠ AIR-CL	AirShield® Clear Replacement Visors (2-Pack)



AP-AR-SH
RESPIRATORY AIRSHIELD®

AIRPLUS® WITH AIRSHIELD® HEAD TOP

- Material Nylon
- Weight58 lbs
- Colors Black
- Approvals ANSI Z87.1 + and CAN/CSA Z94.3

*FOR MORE INFORMATION ABOUT RESPIRATORY PRODUCTS, PLEASE REFER TO OUR COMPLETE RESPIRATORY CATALOG.

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



PART #: AP1K-V-BFFVX

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 & 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



PART #: AP1K-V-X81VX

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 & duffle bag.

X81VX Lens Specifications:

- 12.6 Square Inch Viewing Area
- Light State: 3, Dark State: 5-14
- Grind Mode
- 4 Optical Sensors



PART #: AP1K-AIRSH

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 & duffle bag.



— Miscellaneous —

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
WELD JACKET MED	Welding Jacket - Size Medium
WELD JACKET LG	Welding Jacket - Size Large
WELD JACKET XLG	Welding Jacket - Size Extra Large
WELD JACKET 2X	Welding Jacket - Size Double Extra Large



WELDING JACKET



CG-01

Helmet sold separately



BAG-HELMET-01



BAG-CANVAS-01



CA-CAC-02







— Contact Us —

ARCON® DEPARTMENT CONTACTS

Inside Sales/Customer Service

Tel: (800) 223-4685 - ext. 2

Fax: (508) 884-9666

Inside Sales Manager

Tel: (508) 884-9600 - ext. 1026

Warranty

Tel: (800) 223-4685 - ext. 3

Quality Assurance Manager

Tel: (800) 223-4685 - ext. 1004

WALTER DEPARTMENT CONTACTS

USA Customer Service

Toll free: 1 800-522-0321

Fax orders: 1 866-274-4435

Email: orderdesk.us@walter.com

USA Technical/Product Support

Toll free: 1 866-592-5837

Montreal

Toll free: 1 800-363-7368

Fax: 514-630-2825

Toronto

Toll free: 1 888 821-9444

Fax: 905-795-8558

Edmonton

Toll free: 1 866-435-1271

Fax: 780-453-1589

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