

Safety Standards

ANSI Standards:

ANSI, the American National Standards Institute, is an independent organization responsible for writing the voluntary industry standards for OSHA compliance. Keep in mind that OSHA does not approve products (e.g., First Aid Kits) they provide the criteria necessary to meet ANSI standards.

ANSI Z87.1

- Safety Caps
- Spectacles
- Faceshields
- Helmets
- Electronic Lenses

ANSI Z89.1

- Hearing

ANSI Z308.1

- First Aid

ANSI S3.19

- Goggles

CSA Standards:

CSA, the Canadian Standards Association, certifies manufacturer's products or services. CSA tests products to meet their published requirements. CSA tests spectacles and goggles for impact resistance.

Z94.3

- Spectacles
- Goggles
- Faceshields

Low impact- Product can withstand horizontal impact up to 14.0 + 0.5 m/s (59 ft./s).

Appendix B high impact- Product can withstand horizontal impact up to 18.0 + 0.5 m/s (152 ft/s).

CE (Conformity Europe):

CE is the European Conformity Sign as expression that the product fulfills the legal requirements according to the directive 89/686/EES and is therefore allowed to be sold within the European community.

NIOSH:

- 42CFR84
- Respirators

Great Products

can be found
in this section by...



Goggles / Spectacles

Welding Goggles

Lift/Fixed Front Goggle

This soft polyethylene frame goggle has 6 vents that assure ample ventilation. Fits easily over prescription glasses. Supplied with a 2" x 4-1/4", shade 5 lens protected by a clear cover lens. A magnifier lens can be placed in the unit in the rear of the colored protective lens.

- Meets requirements of ANSI Z87.1

Part No. 932-13 lift front lens

Part No. 932-12 fixed front lens



Fixed Front Goggles

A streamlined one-piece hard frame welding cover goggle. Spring loaded lens retainer for quick replacement of lens. Headband slots are an integral part of the frame thereby strengthening both frame and slots. The 932-16 is the answer to the demand for a hard-frame welding goggle at a low price. Complete with shade 5 lens.

- Meets requirements of ANSI Z87.1

Part No. 932-16



Lift/Fixed Front 50 mm Goggle

The soft opaque vinyl frame comfortably molds to the face and fits easily over spectacles. Six baffled and screened vents to prevent fogging. Features a 50 mm lift front lens, affording dual purpose usage and added safety. Complete with shade 5 lens.

- Meets requirements of ANSI Z87.1

Part No. 932-15 lift front lens

Part No. 932-11 fixed front lens



Cup Type Goggle - Snug Fit-Vented Cup

These goggles combine comfortable snug fit with wide vision. Cups are molded of flame resistant plastic. Elastic headband is adjustable. Welders goggles are supplied with 50 mm shade 5 lens.

- Meets requirements of ANSI Z87.1

Part No. 932-44



Visitor Spectacle

- Advanced temple design for extraordinary comfort
- High impact protection
- Optically correct spherical lens
- Fits over most prescription spectacles
- Strong double hinged temple
- Excellent ultraviolet protection
- Meets requirements of ANSI Z87.1

Part No. 1410S



Slip-On Side Shields

These inexpensive side shields provide side protection against mild nuisance hazards. They fit most standard spatula type temples and may be easily and quickly installed or removed.

- DOES NOT meet ANSI requirements for side shield protection.

Part No. 934-60



Mag-Safe™ Magnifying Safety Glasses

- All Mag-Safe™ magnifying safety glasses meet or exceed ANSI Z87.
- ANSI Z87 requires wearing safety glasses under any style welding helmet.
- Diopters available: 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00



Part No. BF100

Bifocal Magnifiers

- Read small print.
- Saves money over prescription safety glasses.
- Improved performance.
- Increased productivity.



Part No. CC100

New Style Bifocal Magnifiers

Part No.	Diopter
CC100	1.00
CC150	1.50
CC200	2.00
CC250	2.50
CC300	3.00

Bifocal Magnifiers

Part No.	Diopter
BF100	1.00
BF125	1.25
BF150	1.50
BF175	1.75
BF200	2.00
BF225	2.25
BF250	2.50
BF275	2.75
BF300	3.00

Full Lens Magnifiers

Part No.	Diopter
MS100	1.00
MS125	1.25
MS150	1.50
MS175	1.75
MS200	2.00
MS225	2.25
MS250	2.50
MS275	2.75
MS300	3.00

Full Lens Magnifiers

- For use under welding helmet.
- Allows vision through entire viewing area of large welding filters.
- Eliminates distortion caused by flat magnifiers

Industrial Soft Frame Goggles

For protection against flying chips, particles, chemicals, etc. Ventilation provided by perforations in frame with thru-lens ventilation gives up to 40% more air flow.

- Polycarbonate lens in choice of frame and lens colors
- Elastic headband
- Meet Requirements of ANSI Z87.1



Part No. 932-1

Part No.	Frame	Lens
932-1	Perforated	Clear
932-1F	Perforated-fog less	Clear
932-3	Perforated	Green
932-4	Hooded vent	Clear
932-4F	Hooded vent-fogless	Clear
932-30	Chemical goggle	Clear

Goggle Headbands

- Top quality elastic headband.
- Multicolored design.
- Nickel plated positive lock installed on band.
- Sewn end tab (not stapled).
- Extra long life.



Part No. 932-70

Lexa®

Helps protect your eyes from the daily obstacles that can cause eye injuries such as metal fragments and chemicals.

- DX™ anti-fog lens coating.
- Adjustable length temples.
- Lens angle adjustment.
- Meets ANSI Z87.1 and CSA Z94.3 standards.



Part No. 15214



Part No.	Size	Frame Color	Lens Color
15152	Medium	Metallic slate	Clear
15153	Medium	Metallic slate	Gray
15154	Large	Metallic slate	Clear
15200	Medium	Black	Clear
15201	Medium	Black	Gray
15205	Medium	Blue	Gray
15210	Medium	Black	ARC-Block™
15211	Medium	Black	Green
15214	Medium	Black	Indoor/outdoor

Lexa® with MinimlzeR™ Lens

The first “think film technology” safety eye wear designed to protect against “flash burn”

- DX™ anti-fog lens coating.
- Excellent visual acuity with good color recognition.
- Reduces infrared radiation by a minimum of 65%.
- Absorbs 99.9% of UV light.
- Meets ANSI Z87.1 and CSA Z94.3 standards.



Part No. 15250

Part No.	Size	Frame Color	Lens Color
15250	Medium	Black	Clear
Replacement Lens			
15251	Medium		Clear

GoggleGear® for Lexa® Eye Wear

Converts Lexa® lens to the lightest, most comfortable splash goggle.

- Vent channels at top and bottom for improved air flow.
- Lighter weight than most goggles for improved comfort.
- Soft foam backing seals out particulates.
- DX™ anti-fog hard coat standard.
- Meets ANSI Z87.1 and CSA Z94.3 standards.



Part No. 16617

Assembled GoggleGear®

Part No.	Size	Frame Color	Lens Color
16615	Medium	Black	Clear
16616	Large	Black	Clear
16617	Medium	Black	Clear w/ strap
16618	Large	Black	Clear w/ strap
16610	Headband		

BX Readers

- Adjustable soft tip temples feel good even after extended wear.
- Soft universal-fit nose bridge.
- High impact polycarbonate lens blocks 99.9% of UV rays.
- Three lens angles for custom fit.
- Available in clear or gray +1.50, +2.0, and +2.5 diopter lenses.
- Meets ANSI Z87.1 standards.



Part No. 11377

Part No.	Frame Color	Lens Color	Diopter
11374	Silver/black	Clear	1.5
11375	Silver/black	Clear	2.0
11376	Silver/black	Clear	2.5
11377	Silver/black	Gray	1.5
11378	Silver/black	Gray	2.0
11379	Silver/black	Gray	2.5
11380	Black	Clear	Anti-fog

MAXIM™

- Adjustable temple length.
- Patented 3-position pantascopic lens adjustment.
- Dual-injected cushion brow guard.
- Soft pivot universal-fit nose bridge.
- DX™ Anti-fog lens, hard coat.
- Superior orbital eye socket coverage.



Part No. 12289

Part No.	Frame Color	Lens Color
12289	Black adjustable temple	MinimlzeR™ Lens
12292	Black adjustable temple	IR 3.0
12293	Black adjustable temple	IR 5.0
13250	Black	Clear
13251	Black	Bronze
13252	Black	Indoor/outdoor
13253	Black	Amber

Eye Protection

Light Vision LED Spectacles

- Dual LED lights.
- Anti-fog lens.
- Filters 99.9% UV.
- Hands-free, ultra-bright and adjustable direct lighting.
- Long-life, replaceable CR2032 3V battery.
- Cushioned brow, nose bridge and temple tips.
- Includes micro-fiber storage bag and lanyard.
- Meets ANSI Z87.1 standards.



Part No. 11356



Part No. 11356

Seeipro® & Seeipro Plus™

- DX™ anti-fog lens coating.
- Seeipro Plus™ offers adjustable temples for a custom fit.
- Duralite® polycarbonate lenses absorb 99.9% of UV rays.
- Integrated side shields, brow and nose bridge.
- Meets ANSI Z87.1 and CSA-Z94.3 standards.
- Made in the U.S.A.



Part No. 15902

Part No.	Temple Color	Lens Color
15902	Black	Clear
15903	Black	Gray
15904	Blue	Clear
15957 Seeipro Plus™	Black	Clear

Virtua V4

- Sleek styling for both men and women.
- Lightweight - less than 1 oz.
- Contoured flexible temples for comfortable fit.
- Hard coat lens guards against scratching, static and chemical attack.
- Meets ANSI Z87.1 standards.



Part No. 11670

Part No.	Temple Color	Overmold Color	Lens Description
11670	Black	Gray	Clear Hard coat
11671	Black	Gray	Gray Hard coat
11672	Black	Gray	Anti-fog
11674	Black	Gray	Indoor/Outdoor Mirror

Virtua V6

- Soft temple tips for all day comfort.
- Soft universal fit nose bridge.
- Durable polycarbonate lens construction.
- Lens absorbs 99.9% UV.
- Meets ANSI Z87.1 standards.



Part No. 11680

Part No.	Frame Color	Lens Color
11680	Black	Gray Hard coat
11681	Black	Clear Hard coat
11682	Black	Clear Anti-fog
11683	Black	Gray Anti-fog
11684	Black	Gray Anti-fog

Virtua V9

- Same as Virtua V6 and includes:
- Clean, frameless design.
 - Adjustable temple lengths.



Part No. 11709

Part No.	Frame Color	Lens Color
11706	Black	Clear Hard coat
11707	Black	Gray Hard coat
11708	Black	Clear Anti-fog
11709	Black	Gray Anti-fog
11710	Black	Indoor/Outdoor mirror
11711	Black	Blue mirror

Fectoids®

- DX™ anti-fog hard coat lens guards against fogging.
- Duralite® polycarbonate lenses absorb 99.9% of UV rays.
- Several lens tints and shades for any application.
- Meets ANSI Z87.1 and CSA-Z94.3 standards.
- Made in the U.S.A.



Part No. 16100

Part No.	Size	Frame Color	Lens Color
16100	Large	Black	Clear
16200	Medium	Black	Clear
16201	Medium	Dark Blue	Clear
16203	Medium	Red, White, Blue	Clear
16204	Medium	Black	Gray

Fuel® Eye Wear

- Tough and durable nylon frames with two streamlined designs.
- Soft nose bridge and temple tips for added comfort.
- Hot colors and flared accents.
- Lanyard and micro fiber bag included.
- Meets ANSI Z87.1 standards.



Part No. 11640



Part No. 11652



Part No. 11654

Part No.	Frame Color	Lens Color
11640	Metallic sand	Red mirror
11641	Metallic silver	Blue mirror
11642	Blue	Indoor/outdoor mirror
11663	Burnt copper	Bronze
11664	Glacier white	Blue mirror

Fuel 2 (Anti-Fog)		
11650	Metallic sand	Red mirror
11651	Metallic sand	Clear AF
11652	Silver	Blue mirror
11653	Silver	Clear AF
11654	Black	Gray AF

Extreme Safety Eye Wear

- Lightweight & durable aluminum frames.
- Spring-hinge temples.
- Adjustable nose bridge.
- High impact polycarbonate lenses absorb 99.9% UV.
- Each pair includes a micro fiber bag and lanyard.
- Meets ANSI Z87.1 standards.



Part No. 11440



Part No. 11444



Part No. 11448

100 Series

Part No.	Model No.	Frame Color	Lens Color
11440	OCC101	Silver	Blue mirror
11441	OCC102	Black	Red mirror
11442	OCC103	Black	Indoor/outdoor
11443	OCC104	Black	Clear AF

200 Series

Part No.	Model No.	Frame Color	Lens Color
11444	OCC201	Silver	Blue mirror
11445	OCC202	Gray	Polarized
11446	OCC203	Black	Red mirror
11447	OCC204	Black	Clear AF

300 Series

Part No.	Model No.	Frame Color	Lens Color
11448	OCC301	Black	Red Mirror
11449	OCC302	Silver	Blue mirror
11450	OCC303	Silver	Clear AF
11451	OCC304	Gray	Polarized

Weld-Cool® Welding Filter Plates

- Made from lightweight, impact resistant Duralite® Polycarbonate.
- Coated with the exclusive DX™ anti-fog hard coat to minimize fogging, scratching, static and chemical attack, and to protect the gold coating.



Part No. 84910

Part No.	Description	Size
84910	Shade 10	2 x 4.25
84912	Shade 12	2 x 4.25

Safety Glasses

6000 BOLD Sting™

The 6000 Series nylon frame has swept design features and a wrap around dual lens design.

The nose piece is soft sport anti-slip.

- Reinforced temple barrel maintains the frame integrity.
- Blocks 100% U.V.
- Meets ANSI standards.



Part No. 60MB-009

Part No.	Frame	Lens
60MB-000	Black	Clear
60MB-002	Black	Smoke
60MB-400	Black	Clear Polynium Plus
60MB-009	Black	Arctic blue
60MB-045	Black	TrueView indoor/outdoor

6800 Soft Brow™

The Soft Brow™ has enhanced peripheral vision.

It offers a patented anti-slip adjustable nose piece, cushioned brow, mastoid temple pad and an integrated side shield.

- Blocks 100% U.V.
- Meets ANSI standards.



Part No. 68MB-000

Part No.	Frame	Lens
68MB-000	Black	Clear
68MB-002	Black	Smoke
68MB-003	Black	Amber
68MB-045	Black	TrueView indoor/outdoor
68MB-049	Black	Mirror

8300 Panalite™

The 8300 Panalite's frame is ultra-light and ultra-durable, for a consistently secure and comfortable fit. The 8300 offers a wide range of lens colors including 3.0 and 5.0 IR with matching sideshields.

- Blocks 100% U.V.
- Meets ANSI, CSA, UL, and CE standards.



Part No. 83MB-000R

Part No.	Frame	Lens
83MB-000R	Black	Clear
83MB-002R	Black	Smoke
83MB-046R	Black	Mirror
83MB-207R	Black	SH 3 IR/UV
83MB-209R	Black	SH 5 IR/UV
83MB-402R*	Black	Smoke fogless
83MB-000STR	Black/Orange	Clear
83MB-002STR	Black/Orange	Smoke
83MB-046STR	Black/Orange	Mirror

* Polynium Plus Lens

9500 Aviator™

Enjoy the 9500 Aviator with its classic aviator design in a lightweight, yet durable plastic frame.

- Blocks 100% U.V.
- Meets ANSI, CSA, UL, and CE standards.



Part No. 95CC-000R

Part No.	Frame	Lens
95CC-000R	Caramel	Clear
95CC-002R	Caramel	Smoke
95CC-204R	Caramel	Green IR 1.7
95CC-205R	Caramel	Green IR 2.0
95CC-206R	Caramel	Green IR 2.5
95CC-207R	Caramel	Green IR 3.0
9509-000R	Smoke	Clear
9509-002R	Smoke	Smoke
9509-204R	Smoke	Green IR 1.7
9509-205R	Smoke	Green IR 2.0
9509-206R	Smoke	Green IR 2.5
9509-207R	Smoke	Green IR 3.0

4400 UFO Stargaze™

An economical solution to your eye protection needs. Shields eyes from flying particles. Lightweight, one piece lens/frame combination weighs less than one ounce. 8-base single curve lenses provide a vast field of peripheral vision. Features thin, non-adjustable temples for a universal fit. Lens/Frame colors available in clear, smoke and green mirror.

- Blocks 100% U.V.
- Meets ANSI standards.

*No replacement lens available.



Part No. 4400-049R

Part No.	Frame	Lens
4400-000R	Clear	Clear
4400-002R	Smoke	Smoke
4400-049R	Mirror	Mirror

Safety Glasses / Side Shields

4300 Econolite III™

Offers safety, comfort, style and an economical solution to your eye protection needs.

- Resilium and nylon frame.
- Adjustable Click-To-Fit™ temples.
- Polycarbonate lens ensures safety.
- Blocks 100% U.V.
- Meets ANSI, CSA, UL, and CE standards.



Part No. 43MB-000R

Part No.	Frame	Lens
43MB-000R	Black	Clear
43MB-002R	Black	Smoke
43MB-003R	Black	Amber
43MB-400R*	Black	Clear fogless
43MB-402R*	Black	Smoke fogless
43SB-000R	Blue	Clear
43US-000R	RWB	Clear

Polonium Lens

2200 Metal Aviator™

The 2200 is a classic dual lens aviator design, with hard coated polycarbonate lenses available with or without sideshields.

- Blocks 100% U.V.
- Meets ANSI, CSA, UL, and CE standards.



Part No. 2234-000R

No SideShield

Part No.	Frame	Lens
2230-000R	Gold	Clear
2230-002R	Gold	Smoke
2230-003R	Gold	Amber
2230-006R	Gold	Green
2230-044R	Gold	Gradient
2230-046R	Gold	Mirror

Plastic SideShield

Part No.	Frame	Lens
2214-000R	Black	Clear
2214-003R	Black	Amber
2215-006R	Black	Green
2216-002R	Black	Smoke
2216-044R	Black	Gradient
2216-046R	Black	Mirror
2234-000R	Gold	Clear
2234-003R	Gold	Amber
2236-002R	Gold	Smoke
2236-044R	Gold	Gradient
2236-046R	Gold	Mirror

2600 Pinnacle I™

Bouton's 2600 offers a replaceable single lens with seamless integrated sideshields for unobstructed peripheral vision.

- Blocks 100% U.V.
- Meets ANSI standards.



Part No. 2634-000R

Part No.	Frame	Lens
2614-000R	Black	Clear
2614-003R	Black	Amber
2616-002R	Black	Smoke
2616-046R	Black	Mirror
2634-000R	Gold	Clear
2634-003R	Gold	Amber
2636-002R	Gold	Smoke
2636-046R	Gold	Mirror
26B4-000R	Blue	Clear
26B6-002R	Blue	Smoke
26B6-046R	Blue	Mirror
26R4-000R	Burgundy	Clear
26R6-002R	Burgundy	Smoke
26R6-046R	Burgundy	Mirror

Flex SideShields™

- Molded to a bendable softness.
- Provides extra protection to prescription glasses.
- Absorbs the energy of impact.
- Temple folds correctly.
- No parts or tools required.
- Weaves through temple.
- Individually bagged.
- 20 bags per box.
- Meets ANSI standards.



Part No. 99705

Part No.	Description
99705	Clear
99706	Smoke
99707	Green

Safety Glasses / Goggles

5500 UFO Galaxis™

Radical spectacle/goggle design. Features direct ventilation. Shields eyes from flying particles. Pliable one-piece frame hugs the face for wrap-around protection and peripheral vision.

- Blocks 100% U.V.
- Meets ANSI and CE standards.



Part No. 55MB-400FR

Part No.	Frame	Lens
55MB-400FR	Foam black	Clear
55MB-402FR	Foam black	Smoke
55MB-403FR	Foam black	Amber
55MB-446FR	Foam black	Mirror
55MB-400R	Black	Clear
55MB-402R	Black	Smoke
55MB-403R	Black	Amber
55MB-407R	Black	3.0 IR
55MB-409R	Black	5.0 IR
55MB-446R	Black	Mirror

7100 UFO Apollo™

Bouton's 7100 has a stylish ultralight frame with a 6-base curve, slimline lens for a full range of view and full hazard protection.

- Blocks 100% U.V.
- Meets ANSI standards.



Part No. 71MB-002R

Part No.	Frame	Lens
71CH-000R	Charcoal	Clear
71CH-002R	Charcoal	Smoke
71CH-049R	Charcoal	Mirror
71MB-000R	Black	Clear
71MB-002R	Black	Smoke
71MB-003R	Black	Amber
71MB-049R	Black	Mirror
71PR-000R	Purple	Clear
71PR-002R	Purple	Smoke
71PR-049R	Purple	Mirror

Part No.	Frame	Lens
71SB-000R	Blue	Clear
71SB-002R	Blue	Smoke
71SB-049R	Blue	Mirror
71SV-000R	Silver	Clear
71SV-002R	Silver	Smoke
71SV-049R	Silver	Mirror
71US-000R	USA	Clear
71US-002R	USA	Smoke
71US-049R	USA	Mirror

7200 UFO Saturn™

The 7200 features a single wrap-around lens design for superior peripheral and frontal protection and a wide unobstructed viewing area.

- Blocks 100% U.V.
- Meets ANSI and CE standards.



Part No. 72SB-000R

Part No.	Frame	Lens
72CH-000R	Charcoal	Clear
72CH-002R	Charcoal	Smoke
72CH-049R	Charcoal	Mirror
72CH-400R*	Charcoal	Clear fogless
72CH-402R*	Charcoal	Smoke fogless
72MB-000R	Black	Clear
72MB-002R	Black	Smoke
72MB-003R	Black	Amber
72MB-049R	Black	Mirror
72MB-400R*	Black	Clear fogless
72MB-402R*	Black	Smoke fogless
72PR-000R	Purple	Clear
72PR-002R	Purple	Smoke
72PR-049R	Purple	Mirror
72PR-400R*	Purple	Clear fogless
72PR-402R*	Purple	Smoke fogless

Part No.	Frame	Lens
72SB-000R	Blue	Clear
72SB-002R	Blue	Smoke
72SB-049R	Blue	Mirror
72SB-400R*	Blue	Clear fogless
72SB-402R*	Blue	Smoke fogless
72SV-000R	Silver	Clear
72SV-002R	Silver	Smoke
72SV-049R	Silver	Mirror
72SV-400R*	Silver	Clear fogless
72SV-402R*	Silver	Smoke fogless
72US-000R	USA	Clear
72US-002R	USA	Smoke
72US-049R	USA	Mirror
72US-400R*	USA	Clear fogless
72US-402R*	USA	Smoke fogless

* Polonium Plus lens

7400 UFO Roswell™

8-base single curve lens for an unobstructed viewing area. Durable Snap-Lock™ hinges for a secure fit. Click-to-Fit™ temples adjust to almost any head size.

- Blocks 100% U.V.
- Meets ANSI and CE standards.



Part No. 74MB-002R

Part No.	Frame	Lens
74MB-000R	Black	Clear
74MB-002R	Black	Smoke
74MB-003R	Black	Amber
74MB-049R	Black	Mirror

6700 Rage™

Features a hidden metal spring hinge. The bayonet style temples have ergo-grip temple pads that extend into a nine base polycarbonate lens complete with a universal nose bridge. The frame is made of a superior nylon material. A true-view lens is available.

- Blocks 100% U.V.
- Meets ANSI standards.



Part No. 67MB-049R

Part No.	Frame	Lens
67MB-000R	Black	Clear
67MB-002R	Black	Smoke
67MB-003R	Black	Amber
67MB-045R	Black	TrueView
67MB-049R	Black	Mirror
67PT-000	Pewter	Clear
67PT-002	Pewter	Smoke
67PT-003	Pewter	Amber
67PT-045	Pewter	TrueView
67PT-049	Pewter	Mirror

Shark Hunter™ Series

6400 Mako™

Contemporary design features a unique universal fit. Lightweight lens/frame combination eliminates any need for replacement lenses. A 10-base single curve lens provides for a vast field of peripheral vision.

- Blocks 100% U.V.
- Meets ANSI standards.

*No replacement lens available.



Part No. 6400-045R

Part No.	Frame	Lens
6400-000R	Smoke	Clear
6400-002R	Smoke	Smoke
6400-045R	Smoke	TrueView
6400-400R*	Smoke	Clear fogless

* Polonium Lens

6500 Hammerhead™

Features a stylish wraparound design offering a panoramic unobstructed view. Soft-fit nose piece, spring hinge temple, and 7-base single curve lens provide for extreme comfort. Available with either a bayonet temple with a rubberized tip or tortoise wire.

- Impact defying, polycarbonate lenses.
- Blocks 100% U.V.
- Meets ANSI standards.

*No replacement lens available.



Part No. 6500-000R

Part No.	Frame	Lens
6500-000R	Smoke	Clear
6500-002R	Smoke	Smoke
6500-045R	Smoke	TrueView
6500-400R*	Smoke	Clear fogless
6500-000WR	Wire	Clear
6500-002WR	Wire	Smoke
6500-045WR	Wire	TrueView
6500-400WR*	Wire	Clear fogless

* Polonium Lens

6600 Springer™

Hidden metal spring hinge. Bayonet style temples. Nine base polycarbonate lens. Universal nose bridge. Superior nylon material. Ergo-grip temple pads.

- Blocks 100% U.V.
- Meets ANSI standards.



Part No. 66MB-002R

Part No.	Frame	Lens
66MB-000R	Black	Clear
66MB-002R	Black	Smoke
66MB-003R	Black	Amber
66MB-045R	Black	TrueView
66MB-049R	Black	Mirror

6200 BOLD Professional™

Features a 6-base single curve lens with channel retention and an eye-catching air flow side shield design. Offers bow-flex bayonet style temples with grips and a Soft-Fit™ nose bridge which prevent slippage.

- Blocks 100% U.V.
- Meets ANSI standards.



Part No. 62MB-002

Part No.	Frame	Lens
62MB-000	Black	Clear
62MB-002	Black	Smoke
62MB-049	Black	Mirror

Safety Eyewear

HD800 Series

- Double 9-base frameless design is lightweight at just 27 grams
- Silver temples feature trailing flame design and Harley-Davidson® Bar and Shield logo
- Unique Harley-Davidson® metal detailing on nosebridge
- Striking mirrored lens options for outdoor work applications



Part No. HD801

Part No.	Lens Color
HD800	Orange mirror
HD801	Blue mirror
HD802	Silver mirror

HD100 Series

- Contemporary, wrap-around sport styling with a dual lens look.
- Molded in side shields and brow guards.
- Adjustable spatula temples.
- Legendary Harley-Davidson® name on the lens and frame.
- Available in classic black with translucent orange accents.
- Special Limited Edition HD100, features a silver frame with blue mirror lens.
- Meets ANSI Z87.1 Standard.



Part No. HD103

Part No.	Frame Color	Lens Color
HD100	Silver	Blue mirror
HD101	Black	Clear
HD102	Black	Espresso
HD103	Black	Gold mirror

HD400 Series

- 9-base wrap-around lens.
- Provides 180 degrees of panoramic vision and excellent side and brow coverage.
- Black break-away adjustable Harley-Davidson® retainer cord shipped with frame.
- Black frame and lens feature Harley-Davidson® logo.
- Harley-Davidson name engraved in the lens.
- Meets 2003 ANSI Z87.1 and CSA Z94.3 Standards.



Part No. HD402

Part No.	Frame Color	Lens Color
HD400	Black	Clear
HD401	Black	I/O
HD402	Black	Mirror

HD500 Series

- Aggressive sport style wrap-around design
- 10-base curve provides optimum field of vision and side protection.
- Silver matte finish metal frame with a special nickel free coating.
- Harley-Davidson® logo laser engraved on the lens and printed on both temples.
- Spring hinges and soft rubber temple tips for secure comfort and fit.
- Adjustable soft saddle nose pads.
- Meets ANSI Z87.1 standard.



Part No. HD503

Part No.	Frame Color	Lens Color
HD501	Silver	Clear
HD502	Silver	Gray
HD503	Silver	Silver mirror
HD510	Black	Blue mirror

HD700 Series

- Breakthrough styling features premium, gunmetal finish, 8-base frame and spring hinged temples for maximum comfort.
- Frame has Harley-Davidson® signature logo cold-forged into each temple.
- Classic Bar and Shield logo is laser-engraved on the lens.
- Meets ANSI Z87.1 standard.



Part No. HD700

Part No.	Frame Color	Lens Color
HD700	Gunmetal	Brown mirror
HD701	Gunmetal	Clear
HD702	Gunmetal	Gray
HD703	Gunmetal	Amber

HD1000 Series

- Tight, orbital wrap fits closely to the wearer's face for a secure fit and superior protection.
- Frame has Harley-Davidson® signature logo on each temple.
- Polycarbonate anti-fog lenses to resist wear and tear.
- Meets ANSI Z87.1 standard.



Part No. HD1000

Part No.	Frame Color	Lens Color
HD1000	Gunmetal	Blue mirror
HD1001	Black	Gray
HD1002	Gunmetal	Silver mirror
HD1003	Gunmetal	Orange mirror



Goggles: Applications and Safety

Read this section completely before selecting your Jackson and Huntsman goggles. Goggles do not provide unlimited face and eye protection.

Goggles provide eye protection from hazards, such as light impact from small particles, dusts, sparks and spatter, chemical splash (when so designated) and injurious rays and glare (tinted lenses only). They are effective for gas welding, spot welding, liquids, dust particles, flame cutting, small particles from chipping and grinding, and similar applications.

Goggle lenses and bodies are not unbreakable. They will not protect against severe impact hazards such as, but not limited to, fragmenting grinding wheels or abrasive discs, explosive devices, molten metal or injurious rays from arc

welding. Machine guards, welding helmets (arc welding only), or other engineering devices must be used where these hazards exist.

Be sure the goggles you select are intended for the job and work environment to be encountered. Pitted or scratched lenses reduce vision and seriously reduce impact protection—replace immediately.

Inspect frequently and immediately replace worn or damaged parts. Clean only with mild soap and lukewarm water. Do not use solvents.

For further information, see American National Standards Institute Standard Z87.1 available from American National Standards Institute, 1430 Broadway, New York, NY 10018.

Welding Goggles

3020

- Opaque soft vinyl goggle.

Part No. 20083 Shade 5

3070

- Soft vinyl with 2" x 4-1/2" plate.

Part No. 20095 Shade 5

3080*

- Rigid plastic with 2" x 4-1/2" filterplate.

*Does not meet ANSI standards.

Part No. 20103 Shade 5



5002

- Cup goggle with 50 mm lens.

Part No. 20108 Shade 5

3072

- Same as 3070 but with lift-front glassholder.

Part No. 20099 Shade 5



Part No. 20095

Revolution™

- Ample face room and sight field.
- Dynaflex® material to conform to the face.
- Polycarbonate lens for impact resistance.
- 99% UV protection.
- VisiClear™ anti-fog coating.
- CrossVent™ technology to keep air moving in and splashes out!



Part No. 0746-0350

Part No.	Description
0746-0350	Black frame/clear lens goggles
0746-0351	Black frame/smoke lens goggles
0746-0352	Black frame/amber lens goggles
0746-0353	Black frame/IR 5.0 lens goggles
10505	Rx insert
10506	Clear lens
10511	Goggle retainer
10512	Goggle Guardian™ black

Monogoggle XTR™

- Superior impact and chemical splash protection.
- Cylindrical shaped anti-fog lens offers greater range of visibility.
- Available in IRUV 3.0 & 5.0 with fire retardant headband.



Part No. 3010334

Part No.	Description
3010334	Blue frame, clear lens
3010335	Blue frame, smoke lens
3010336	Blue frame, clear lens, foam lined
3010337	Black frame, IRUV 3.0 lens
3010338	Black frame, IRUV 5.0 lens
3010339	Clear anti-fog replacement lens
3010340	Smoke anti-fog replacement lens
3010341	IRUV 3.0 anti-fog replacement lens
3010342	IRUV 5.0 anti-fog replacement lens
3010349	Replacement band, synthetic rubber, 25/pkg
3010352	Replacement band, flame retardant, 25/pkg

Safety / Welding Goggles

MRVX Goggles

- Indirect vents offer splash protection.
- Spherical lens provides more than 180° vision.
- .090 polycarbonate lens
- Splash Goggle



Part No. 3005069

Part No.	Description
3005068	Blue frame, clear lens
3005069	Blue frame, clear fogless lens
3005070	Smoke frame, clear lens
3005071	Smoke frame, clear lens

JP1

- Perforated frame for ventilation.
- Clear frame color
- Clear lens

Part No. 0746-0085



JP-4

- Hooded vents for dust, impact and splash protection.
- Clear frame color
- Clear lens

Part No. 0746-0088



JP-150

- Round Lens Front-50 mm (not shown).

Part No. 0746-0125

Welding Goggles/ Flexible Frame

Wildcat™

- Extreme heat resistance: will not melt, drip or ignite at 350°F for 5 minutes.
- Lightweight and comfortable with a pivot headband that allows optimal placement.
- Adjustable side vent for increased air flow.
- Fits naturally to contour of face in order to block out airborne contaminants.
- Wide headband and cushioned eye cups.
- Meets ANSI Z87.1+ standards.

WILDCAT™



Part No. 3013711



Part No. 3013714

Part No.	Anti-Fog lens color
3013710*	Clear, anti-fog
3013711*	Smoke
3013712*	Amber
3013713	IRUV 3.0
3013714	IRUV 5.0

*These lens configurations are not to be used for welding applications.

WS Series

- Flexible frame goggles
- Available with fixed or lift

Part No. 0746-0505 - Model WS-80, Fixed Front, Shade #5

Part No. 0746-0515 - Model WS-85, Lift Front, Shade #5



Part No. 0746-0515

Welding Goggles/Rigid Frame

WR-60/WA-60

The Unigoggle is molded of smooth, easy-to-clean high-density plastic. These fixed front-shallow frame goggles fit against the face to keep out light. Also accommodates magnifying plate.

Cover plate and shade #5 filter plate included.

Part No. 0746-0223 Model WR-60 with elastic headband.

Part No. 0746-0315 Model WA-60 with Adjust-O-Lok headgear.



Part No. 0746-0223

WR-600/WA-600

The Series 600 cup is molded of high density plastic. A deeper cup positions the plate to more closely match normal eye attitudes for close-up viewing.

Fits over prescription glasses. Cover plate and shade #5 filter plate included.

Part No. 0746-0235 Model WR-600 with elastic headband.

Part No. 0746-0325 Model WA-600 with Adjust-O-Lok headgear.



Part No. 0746-0235

WR-40

The WR-40 has double-walled eyecups, with openings in both walls and slots around the lenses on the inside for better front-to-back air flow and added comfort. Shade #5 lenses, elastic headband. (Cannot be worn over protective spectacles).

Part No. 0746-0103



WR-70

These 50 mm lens goggles feature contoured, rigid, twin eyepieces joined by an adjustable metal bar. Side vents prevent fogging and resist light penetration. Lens retaining rings unscrew for easy lens replacement. Leatherette nose cushion pads. Accommodates safety glasses. Shade 5 filter lenses. Cover lenses included.

Part No. 0746-0209



Safety Glasses/Spectacles: Applications and Safety

Read this section before selecting your Jackson safety spectacles.
Safety spectacles do not provide unlimited eye protection.

Safety spectacles with clear or tinted polycarbonate lenses provide the highest impact resistance afforded by safety spectacles. Use these spectacles for eye protection against moderate impact hazards, such as metal chips, small flying particles and sparks. Tinted polycarbonate lenses provide radiation protection against glare only.

Shaded polycarbonate lenses, if marked with shade designation 2.0 and 3.0 provide radiation protection against infrared and ultraviolet. Shaded polycarbonate lenses, however, provide less impact protection than clear or tinted lenses.

Safety spectacles must be equipped with full side shields complying with ANSI Z87.1 to provide protection against hazards from the side, above or below the eye.

Safety spectacle lenses and frames are not unbreakable. They will not protect against severe impact hazards such as, but not limited to, fragmenting grinding wheels, abrasive discs or explosive devices, nor against molten metal, arc welding splatter or chemical splash. Machine guards or other engineering devices must be used for these hazards.

Pitted or scratched lenses reduce vision and seriously reduce impact protection in glass lenses—replace immediately. Inspect frequently and replace worn or damaged parts. Clean only with mild soap and lukewarm water. Do not use solvents.

For further information see American National Standards Institute Standard Z87.1 available from American National Standards Institute, 1430 Broadway, New York, NY, 10018. Jackson Products recommends Polycarbonate Plastic Lenses.

Nemesis™

- Sleek, sporty lightweight design.
- Soft touch temples.
- Single lens wrap-around protection.
- Includes free neck cord.
- 8.0 base curve
- 99.9% UV protection
- Meets ANSI Z87.1+ standards.

Nemesis



Part No. 19806

Part No.	Description
19804	Black frame, clear
19805	Black frame, clear FogGard® Plus lens
19806	Black frame, smoke mirror lens
19807	Black frame, I/O lens
19808	Black frame, blue mirror lens
19809	Black frame, amber lens
3004762	Black frame, IRUV shade 3.0 lens
3004761	Black frame, IRUV shade 5.0 lens
3011373	Blue frame, blue lens
3011374	Black frame, blue shield lens
3011375	Camouflage frame, copper lens

Nemesis-VL™

- Frameless, ultralight design.
- Slip-stop temples to prevent slipping when hot.
- Compact temple length for a more precise fit over ears.
- Compact profile accommodates smaller faces.
- No-brow design increases upward and peripheral vision.
- Thin, fold-down design for easy, compact storage.
- Meets ANSI Z87.1+ standards.

Nemesis-VL



Part No. 3013542

Part No.	Description
3013536	Gunmetal w/clear
3013537	Gunmetal w/clear anti-fog
3013538	Gunmetal w/smoke
3013539	Gunmetal-indoor/outdoor
3013540	Gunmetal w/blue mirror
3013541	Gunmetal w/blue shield
3013542	Camouflage w/bronze
3013543	Gunmetal w/IRUV 3.0
3013544	Gunmetal w/IRUV 5.0
3013545	Gunmetal w/amber
3013546	Gunmetal w/light blue

Nemesis-RX™

- Available in five diopters—1.0, 1.5, 2.0, 2.5, and 3.0—to accommodate your optical needs.
- Black frame with clear lenses.
- Distortion free peripheral and forward vision.
- Larger lens wrap-around impact protection.
- Integrated ridges in nosepiece channels away sweat.
- Extended temples hug head to prevent slipping.
- Meets ANSI Z87.1+ standards.

Nemesis^{Rx}



Part No. 3013307

Part No.	Magnification
3013305	1.0
3013306	1.5
3013307	2.0
3013308	2.5
3013309	3.0

Safety Spectacles

Smith & Wesson Safety Eyewear



Smith & Wesson

Magnum® 3G™

- Classic Magnum style ergonomically dimensioned for 3 point fit—the ultimate in comfort.
- Built-in hinge stops to virtually eliminate scratching of lens interior.
- * Improved fit nose pads with self-adjusting rubber fingers.
- Meets ANSI Z87.1+ standards.



Part No. 3013025

Part No.	Magnum Minis for Smaller Faces	Description
3011668		Black frame, IRUV shade 3.0 lens
3011669		Black frame, IRUV shade 5.0 lens
3011670		Black frame, clear + fogless lens
3011671	3013026	Black frame, blue block lens
3011672	3011673	Black frame, clear lens
3011674	3011675	Black frame, smoke lens
3011676	3011677	Black frame, yellow lens
	3013025	Black frame, mirror lens
3011824		Black frame, gold mirror lens
3011840		Black frame, smoke + fogless lens
3011678		Platinum frame, orange lens
3011679		Platinum frame, teal lens
3011841		Platinum frame, clear lens
3011680		Copper frame, red mirror lens
3011681		Metallic gray frame, I/O lens
3011673	3013027	Metallic gray frame, I/O gradient lens

Sigma

- Contemporary, combination gunmetal finish frame and style chrome temples.
- Built-in hinge stops, helps and prevents scratching of lens.
- Brow cushion, non-slip silicone nose pad bridge and rubber temple inserts for a secure and comfortable fit.
- Includes carrying pouch.
- Meets ANSI Z87.1+ standards.



Part No. 3013122

Part No.	Description
3013122	Clear
3013123	Yellow
3013124	Smoke
3013125	I/O

Code 4™

- No compromise sport style.
- Ribbed, non-slip rubber nose cushion and contoured temple tips provide a precise fit and all day comfort.
- Hinge stops to help prevent scratched lenses.
- Lightweight—weight less than one ounce.
- Meets ANSI Z87.1+ standards.



Part No. 3011689

Part No.	Description
3011685	Black frame, copper blue block lens
3011687	Black frame, clear lens
3011688	Black frame, mirror lens
3011689	Platinum frame, orange lens
3011690	Black frame, smoke lens

38 Special™

- Sporty, stylish and lightweight.
- Quality frame and ergonomically contoured temples.
- Sure grip rubber temple inserts for a secure fit and bold fashion look.
- Meets ANSI Z87.1+ standards.

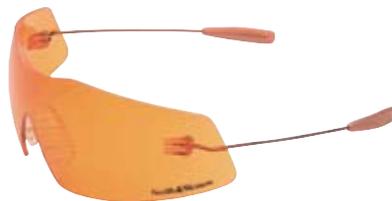


Part No. 3011703

Part No.	Description
3011698	Chrome frame, blue mirror lens
3011699	Black frame, clear lens
3011701	Metallic gray frame, gradient smoke lens
3011702	Black frame, mirror lens
3011703	Black frame, smoke lens

Phantom™

- Futuristic, frameless design with lens, hinge and nose pad post molded as one unit.
- Distortion free protection.
- Meets ANSI Z87.1+ standards.



Part No. 3011695

Part No.	Description
3011693	Pewter temple, clear + fogless lens
3011694	Pewter temple, clear lens
3011695	Copper temple, orange lens
3011696	Black temple, smoke lens
3011697	Chromium temple, mirror lens

Smith & Wesson Safety Eyewear



Smith & Wesson



Part No. 3012789

10X™

- Ergonomic metallic finish frame.
- Brow bar for stability and style.
- Self-adjusting silicone nose pad.
- Rubber coated temple tips.
- Hinge stops prevent scratches on lenses.
- Meets ANSI Z87.1+ standards.

Part No.	Description
3012787	Chrome frame, clear lens
3012788	Chrome frame, mirror lens
3012789	Bronze frame, smoke lens
3012790	Black frame, yellow lens

Polarized Viewmaster™

- Polarized lenses offer protection from reflected glare along with reduced eye fatigue and enhanced vision.
- Ergonomically designed temples and pressure pads provide comfort and precise fit.
- Includes carrying pouch.
- Meets ANSI Z87.1+ standards.



Part No. 3011704

Part No.	Description
3011704	Metallic gray frame, polarized gray lens

Safety Eyewear

30-06™

- Stylish ergonomic GS7 nylon frame combined with polycarbonate lens for the ultimate protection.
- Soft rubber nose pad with self-adjusting fingers for all day comfort.
- 7.0 base curve
- Meets ANSI Z87.1 and CSA Z94.3 standards.



Part No. 3011715

Part No.	Description
3011715	Tortoise frame, dark brown lens
3011721	Tortoise frame, clear lens
3011722	Tortoise frame, red mirror lens
3011723	Metallic frame, smoke lens
3011727	Tortoise frame, yellow lens

30-06™ Reader

- Stylish, ergonomic frame with sleek polycarbonate lens.
- Soft rubber nose pad w/ self-adjusting fingers.
- Precise placement of lens inserts help prevent accidents, headaches and eyestrain.
- Meets ANSI Z87.1+ standards.



Part No. 3011712

Frame Color		Lens/Magnification
Black	Tortoise	
3011716		Clear/+1.0
3011717		Clear/+1.5
3011718		Clear/+2.0
3011719		Clear/+2.5
3011720		Clear/+3.0
	3011712	Brown/+1.5
	3011713	Brown/+2.0
	3011714	Brown/+2.5
3011724		Yellow/+1.5
3011725		Yellow/+2.0
3011726		Yellow/+2.5
3013933		IRUV shade 5.0/+1.5
3013968		IRUV shade 5.0/+2.0
3013969		IRUV shade 5.0/+2.5

Safety Spectacles

Safety Eyewear

Hellraiser™

- Streamline, sunglass styling.
- Extreme lightweight design with black frame.
- Flex point temples for comfort and stability.
- High performance polycarbonate lens.
- Meets ANSI Z87.1+ standards.



Part No. 3013854

Part No.	Description
3013851	Clear
3013853	Clear, anti-fog
3013854	Smoke
3013855	Amber
3013856	I/O
3013857	Light blue
3013858	Blue mirror
3013859	IR/3.0
3013860	IR/5.0

Dual Segment Reader

- Perfect for individuals who work above their heads or upside down and need to look up for near vision as well as down.
- Prevents neck and eye strain.
- Black frames with clear lenses.
- Meets ANSI Z87.1+ standards.



Part No. 3013327

Part No.	Description
3013327	+1.5 top/+1.5 bottom
3013328	+2.0 top/+2.0 bottom
3013329	+2.5 top/+2.5 bottom

Element RX™ Reader

- Economical “cheaters” style.
- Black frame, clear lens.
- Lightweight design.
- 9.5 base curve
- Meets ANSI Z87.1+ standards.



Part No. 3014253

Part No.	Magnification
3014253	1.0
3014254	1.5
3014255	2.0
3014256	2.5
3014257	3.0

VISIO™

- One-piece frame.
- Adjustable temple.
- Sleek, lightweight and comfortable.
- 8.0 base curve
- Meets ANSI Z87.1 and CSA Z94.3 standards.



Part No. 19494

Part No.	Description
19492	Silver frame, clear lens
19493	Silver frame, clear FogGard® Plus lens
19494	Silver frame, smoke lens
19496	Black frame, amber lens
19497	Black frame, blue mirror lens
19498	Black frame, I/O lens

Flame™

- Stylish industrial nylon frame.
- Ergonomic nose pad with self-adjusting fingers.
- Sure-grip rubber temple inserts.
- 7.0 base curve
- Meets ANSI Z87.1+ standards.



Part No. 3011710

Part No.	Description
3011705	Black frame, clear lens
3011706	Black frame, copper lens
3011708	Olive metal frame, mirror lens
3011709	Olive metal frame, smoke lens
3011710	Olive metal frame, yellow lens

Envision™

- Sporty wrap around look.
- Adjustable ratchet temple for custom fit.
- Soft grip comfort temple.
- Black frames.
- Meets ANSI Z87.1+ and CSA Z94.3 standards.



Part No. 19746

Part No.	Description
19742	Clear FogGard® Plus
19743	Smoke
19744	Amber
19745	I/O
19746	Blue mirror

Safety Spectacles / Eyewear Accessories

UniSpec II™

- Low-cost wrap-around protection with one-piece, polycarbonate lens.
 - Uncoated frame.
 - Meets ANSI Z87.1 & CSA Z94.3 standards.
- Note: IRUV Shades Do Not meet CSA.



Part No. 19630

Part No.	Description
18832	Clear
19238	Smoke
19630	IRUV shade 3.0
19631	IRUV shade 5.0

Nomads™

- Stylish and lightweight.
- Black frame.
- Detachable side shields.
- High quality mirrored lens.
- 8.0 base curve
- Meets ANSI 87.1 with or without side shields.



Part No. 1439-0003

Part No.	Description
1439-0000	Clear
1439-0001	Smoke
1439-0002	Silver mirror
1439-0003	Metallic rainbow
1439-0004	Metallic blue

Element™

- Single lens with molded nose piece.
- Economical.
- Lightweight design.
- Meets ANSI Z87.1+ standards.



Part No. 31006

Part No.	Description
31005	Clear
31006	Smoke
31007	Amber
3011379	I/O
3011380	Blue mirror

OTG™

- Stylish over-the-glass safety spectacles.
- Comfortable fit for extended wear.
- Standard anti-fog lenses with 4 base curve.
- Integral side shields provide added protection.
- Fits over most prescription eyewear.
- Meets ANSI Z87.1+ and CSA Z94.3 standards.



Part No. 3015023

Part No.	Description
3015022	Clear, anti-fog
3015023	Smoke, anti-fog
3015024	I/O, anti-fog

Safety Eyewear Accessories

Spectacle Cords

- Conveniently fits any spectacle to have them readily available.
- 12 per bag.



Part No.	Color
3005207	Blue
3005208	Green
3005209	Orange
3005210	Yellow
3005211	Red

Chums

- Chums cord to fit standard eyeglass frames, adjustable fit.
- Safety Chums badgeholder with breakaway feature to handle safety concerns.
- 25 per bag.



Part No.	Cord Color
3005244	Black
3005245	Royal blue
3005246	Red
3005247	Navy
3005243	Assorted standard frame
3005253	Assorted large frame

Part No.	Badgeholder Color
3005249	Black
3005250	Royal blue
3005251	Navy
3005248	Assorted

Spectacles

Genesis®

- Dual 9-base wrap-around lens provides uninterrupted peripheral coverage.
- Soft flexible fingers adjust and conform to any nasal profile and minimize slippage.
- Soft elastomer brow guard diffuses and deflects impact.
- Easy and economical lens replacement system.
- Adjustable temple length and lens inclination.
- Meets Military V₀ ballistic test for impact.
- Lifetime frame guarantee.



Part No. S3240

Frame Color				Lens Color
Black	Vapor Blue	Patriot/RWB	Earth	
S3200	S3240	S3260	S3220	Clear
S3200X	S3240X	S3260X	S3220X	Clear
S3201	S3241	S3261	S3221	Espresso
S3202	S3242		S3222	Amber
S3203	S3243	S3263	S3223	Gold mirror
S3204	S3244		S3224	SCT®* Reflect 50
S3207				3.0 Infradura®
S3208				5.0 Infradura®
S3209				SCT®-Low IR

*SCT® = Spectrum Control Technology
Infradura® = welding shades

Astrospec 3000®

- Contemporary, lightweight unilens for panoramic vision.
- Easy and economical lens replacement system.
- Adjustable lens inclination and temple length.
- Wide variety of lens tints available including: traditional, SCT®, Infradura®.
- Available with Duoflex® comfort cushion temples.
- Lifetime frame guarantee.



Part No. S135

Frame Color			Lens Color
Black	Blue	Patriot/RWB	
S112			SCT®-Low IR
S135* / S1359C	S129*	S1169	Clear
S135C*	S1299C	S1169C	Clear
S145		S1159	Amber
S1379		S1149	Silver mirror
S136*/S1369	S130*	S1179	Gray
S1111*			3.0 Infradura®
S1112*			5.0 Infradura®

*Denotes spectacles with spatula style ear pieces
Infradura® = welding shades

Bandit™

- Contemporary, sporty wrap-around styling.
- Easy and economical lens replacement system.
- Adjustable temple length.
- Lifetime frame guarantee.



Part No. S1603

Frame Color		Lens Color
Black	Slate Blue	
S1600	S1620	Clear
S1601	S1621	Amber
S1603	S1623	Espresso
S1604	S1624	Gold mirror
S1607		Red mirror

Bandido®

- Economical, frameless version of the Bandit.
- Replacement lenses not available.



Part No. S1700

Frame Color		Lens Color
Black	Hot Red/Black	
S1730	S1700	Clear
S1731		Espresso
S1732	S1702	Amber

Horizon™

- Classic flip-up style offers versatility for workers in unique environments.
- Shaded lens designed to protect against high intensity light sources, and clear impact-resistant polycarbonate lens for superior protection against flying particles.
- Lifetime frame guarantee.



Part No. S214

Frame Color	Lens Color
Black	
S212	Clear/ shade 3.0
S213	Clear/ shade 5.0
S214	Clear/ cobalt blue

XC™

- Custom temples for non-slip and comfort.
- A variety of lens tints for any work application.
- Soft, flexible nose fingers fit a variety of nasal profiles.
- Lens and temple adjustability options to customize the fit.
- Easy and economical lens replacement system.
- Lifetime frame guarantee.



Part No. S3300

Frame Color	Lens Color
Black	
S3300	Clear Lens
S3301	Gray Lens
S3302	SCT®- Reflect 50
S3306	3.0 Infradura®
S3307	5.0 Infradura®

*SCT® = Spectrum Control Technology
Infradura® = welding shades

Skyper®

- Wrap-around unilens with browguard.
- Duoflex® comfort cushion temples.
- Adjustable temple length and lens inclination.
- Simple lens replacement system.
- Lifetime frame guarantee.



Part No. S1900

Frame Color	Lens Color
Black	
S1900	Clear
S1901	Espresso
S1907	3.0 Infradura®
S1908	5.0 Infradura®

Infradura® = welding shades

Skyper X2®

- Sport wrap-around unilens.
- Adjustable lens inclination and temple length.
- Simple lens replacement system.
- Lifetime frame guarantee.



Part No. S2810

Frame Color	Lens Color
Black	
S2810	Clear
S2812	Espresso
S2814	Gold mirror

Tomcat®

- Sleek wrap-around metal frame design.
- Adjustable saddle nose pads.
- Attractive, lightweight and durable gunmetal frame.
- Hardcoated lens for scratch resistance and longer life.



Part No. S2450

Frame Color	Lens Color/Coating
Gunmetal	
S2450	Clear/hardcoat
S2451	Gray/hardcoat
S2453	Silver mirror/hardcoat
S2454	Mirror 50/hardcoat

Astro OTG® 3001

- Same features as the Astrospec 3000® with OTG (over-the-glass) styling.
- An economical alternative to expensive Rx eyewear.
- Lifetime frame guarantee.



Part No. S2500

Frame Color	Lens Color
Black	
S2500	Clear
S2500C	Clear
S2504	Gray
S2508	3.0 Infradura®
S2509	5.0 Infradura®

Infradura® = welding shades

Cricket®

- Wrap around dual lens design offers excellent peripheral coverage.
- Adjustable temple lengths and lens inclination.
- Easy and economical lens replacement system.
- Lifetime frame guarantee.
- Meets both ANSI Z87.1-1989 and CSA Z94.3-1992 industry standards.



Part No. S109

Frame Color	Lens Color
Black	
S109	3.0 Infradura®
S110	5.0 Infradura®

Infradura® = welding shades

Spectacles / Goggles

Protege®

- Stylish frame design follows fashion trends.
- Available with two lens coverage options - a standard 6-base lens or an extended 7-base (XC) lens for a closer fit and extra protection.
- Proprietary Floating Lens™ design offers increased flexibility for better fit.
- Secure wrap-around brow expands to fit a wide range of users.
- Ultra lightweight design at only 27.5 grams, weighs less than one ounce.
- Soft temple tip pads provide a secure, comfortable fit.
- Soft, clear nose pads prevent slipping.
- Lifetime frame guarantee.
- Complies with ANSI Z87+ standard.



Part No. S4200

Frame Color		Lens Color/Coating
Metallic Black	Sandstone	
S4200	S4210	Clear/hardcoat
S4200X	S4210X	Clear/Uvextra™ AF
S4201	S4211	Gray/hardcoat
S4201X	S4211X	Gray/Uvextra™ AF
S4202	S4212	SCT-Reflect 50/hardcoat

ANSI

Ignite®

- Sleek, sporty, frameless design with a wrap-around, nine-base unilens.
- Unisex design appeals to a broad range of workers.
- Soft, saddle pad nosepiece reduces slippage and provides a personalized, comfortable fit.
- Soft temple tip pads ensure a fit that is both comfortable and secure.
- Lightweight frameless design offers complete, 180° distortion-free and unobstructed vision.
- Complies with both ANSI Z87+ and CSA Z94.3 standards.



Part No. S4410

Frame Color		Lens Color/Coating
Gloss Black and Silver	Metallic Red and Silver	
S4400	S4410	Clear/hardcoat
S4400X	S4410X	Clear/Uvextra™ AF
S4401	S4411	Gray/hardcoat
S4401X	S4411X	Gray/Uvextra™ AF
S4402	S4412	SCT-Reflect 50/hardcoat
S4403	S4413	Silver mirror/hardcoat

ANSI

Flex Seal®

- Lightweight silicone body conforms to assure the highest level of comfort and eye protection.
- Cured silicone body stays soft and supple in extreme resistance.
- Low profile and optically correct polycarbonate lens provides full field of vision.
- Uvextreme anti-fog coating and indirect venting system.
- Fits over most prescription eyewear.
- Pivoting clips permit the wearer to position the goggles on a hard hat or position the headband above the ears.



Part No. S3430X

Frame Color	Lens Color	Headband
Navy		
S3400X	Clear	Neoprene
S3405X	Clear	Fabric
S3410X	Gray	Neoprene
S3430X	Shade 3.0	Neoprene
S3435X	Shade 5.0	Neoprene

ANSI Uvextreme AF

Stealth™

- Futuristic, low profile design for chemical splash and impact.
- Toric lens provides superior optics & peripheral vision.
- Indirect ventilation system, minimizes fogging.
- Rx insert available.
- Easiest lens replacement system available.



Part No. S39610C

Part No.	Frame Color	Lens Color
S3960C	Gray	Clear
S39610C	Teal/gray	Clear
S39611C	Teal/gray	Gray
S3961C	Gray	Gray

ANSI Uvextreme AF

Millennia®

- Lightweight nylon frame with superior side and brow protection; 180° clear field of vision.
- Comfortable, universal nose bridge.
- High impact, abrasion-resistant polycarbonate dual 9-base wraparound uni-lens.
- Adjustable, break-away Flexi-cord™ retainer
- Meets or exceeds ANSI Z87.1-1989.



Part No. 11150353

Part No.	Frame	Lens Color
11150350	Black	Clear
11150351	Black	TSR* gray
11150352	Black	HDL† yellow
11150353	Black	Indoor/outdoor

† HDL - provides high visibility and good contrast in low light conditions as well as blue light protection and increased visual depth perception.

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

Millennia® Sport

- Optical grade impact resistant 9-base wrap-around lens; 180° clear field of vision.
- Adjustable, break-away Flexi-cord™ retainer.
- Meets or exceeds ANSI Z87.1-1989 and CSA Z94.3-1999 standards.



Part No. 11150750

Part No.	Frame	Lens Color
11150750	Black	Clear
11150751	Black	TSR* gray

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

Prevail®

- Contemporary action-gear design encourages compliance.
- Fog-Ban® repels moisture and fogging.
- Universal bridge design ensures comfortable fit on every face.
- Durable nylon frames feature side impact protection.
- Adjustable, break-away Flexi-cord™ retainer.
- Meets or exceeds ANSI Z87.1-1989 standards without side shields.



Part No. 11150309

Part No.	Frame	Lens Color
11150306	Black	Clear FogBan®
11150309	Black	Silver mirror
11150310	Blue	Blue mirror

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

Op-Tema®

- Sporty wrap-around lens.
- Soft, adjustable nosepiece with adjustable temple length and lens inclination.
- Adjustable, breakaway Flexi-cord™ retainer.
- Meets or exceeds ANSI Z87.1-1989 and CSA Z94.3-1992 standards.



Part No. 11150400

Part No.	Frame	Lens Color
11150400	Black	Clear
11150410	Blue	Clear

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

Fuse™

- Metal frame with exceptional coverage.
- Gunmetal frame with dual 9-base wrap-around lens design for full unobstructed field of vision.
- Adjustable saddle nose pads and soft flexible temple tips.
- Durable polycarbonate lens with scratch resistant coating.
- Willson Fog-Ban® coating on clear and TSR gray lenses.
- Includes adjustable break-away Flexi-cord™ for added security and convenience.
- Meets ANSI Z87+ and CSA Z94.3 safety standards.



Part No. 11150800

Part No.	Frame	Lens Color
11150800	Gunmetal	Clear
11150801	Gunmetal	TSR* gray
11150804	Gunmetal	Silver mirror
11150805	Gunmetal	Clear Fog-Ban®
11150806	Gunmetal	TSR* gray Fog-Ban®

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

Spectacles

Vapor™

- Sports styling in a metallic blue painted frame.
- 9-base wrap-around dual lens and sport temples.
- Soft nose bridge for better comfort and fit.
- Durable polycarbonate lens with scratch resistant or anti-fog coating.
- Willson Fog-Ban® coating on clear and TSR® gray lenses.
- Includes adjustable break-away Flexi-cord™ for added security and convenience.
- Meets ANSI Z87+ and CSA Z94.3 safety standards.



Part No. 11150901

Part No.	Frame	Lens Color
11150900	Metallic blue	Clear
11150901		TSR* gray
11150904		Silver mirror
11150905		Clear Fog-Ban®
11150906		TSR* gray Fog-Ban®

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

Vapor II™

- Affordably priced and economical for your business.
- Light-weight black nylon frame with sport styling for all-day wear.
- Comfortable sport temples with secure wrap-around fit.
- Soft nose bridge conforms to varying shapes preventing slipping.
- 9-base polycarbonate hardcoat lenses are distortion-free, 180° field of vision.
- Meets ANSI Z87+ and CSA Z94.3 safety standards.



Part No. 11150914

Part No.	Frame	Lens Color
11150910	Black	Clear
11150911		TSR* gray
11150914		Silver mirror
11150915		Clear Fog-Ban®
11150916		TSR* gray Fog-Ban®

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

A700

- Sporty, 9-base wrap-around polycarbonate lens.
- Non-slip rubber nosepiece.
- Unique temples with soft, padded inserts down the length of the temple.
- Extra "flex" built into the temple for increased tension control.
- Meets ANSI Z87+ safety standards.



Part No. A700

Part No.	Frame	Lens Color
A700	Clear	Clear
A701	Gray	TSR* gray
A703	Gray	Blue mirror
A704	Gray	I/O silver mirror
A705	Clear	Clear Fog-Ban®

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

A800

- Sporty, 9-base wrap-around polycarbonate lens.
- Non-slip rubber nosepiece.
- Unique temples with soft, padded inserts down the length of the temple.
- Extra "flex" built into the temple for increased tension control.
- Meets ANSI Z87+ safety standards.



Part No. A803

Part No.	Frame	Lens Color
A800	Clear	Clear
A801	Gray	TSR* gray
A802	Amber	Amber
A803	Gray	Blue mirror
A804	Gray	I/O silver mirror
A805	Clear	Clear Fog-Ban®
A806	Gray	TSR* gray Fog-Ban®

* TSR - for outdoor use when bright sunlight and glare can cause eye fatigue. Meets requirements for traffic signal recognition.

Spectacles & Goggles

Visitorspec

- Superb optics allow clear, distortion-free vision.
- Wide viewing area with excellent coverage.
- Soft nose bridge for better comfort and fit.
- Meets ANSI Z87+ and CSA Z94.3 safety standards.
- Made in USA.



Part No. 1180025W

Part No.	Frame	Lens Color
1180025W	Black Temple	Clear

Gleneagle®

- Dual lens, aviator design.
- Wraparound side shields.
- Meets ANSI Z87+ and CSA Z94.3 safety standards.



Part No. 11150098

Part No.	Frame	Lens Color
11150073	Black matte	Clear
11150098	Black matte	Dark TCG
11150128	Black matte	IR/PC shade 3
11150129	Black matte	IR/PC shade 5

V-MAXX® Goggle

- Sleek wrap-around styling.
- 180°, clear field of vision.
- Direct and indirect ventilation styles available for impact or splash applications.
- Lenses coated with Willson® Fog-Ban® anti-fog coating.
- Adjustable elastic or neoprene headband.
- Pivoting headband clips to adjust strap around hard hats or hearing protection.
- Peel-off goggle covers available to extend useful life of the lens.
- OTG compatible (can be worn over most prescription eye wear).
- Meets ANSI Z87+ and CSA Z94.3 safety standards.



Part No. 11250800

Part No.	Description	Lens Color
11250800	Direct vent, elastic headband	Clear Fog-Ban®
11250810	Indirect vent, Neoprene headband	Clear Fog-Ban®
11250830	Indirect vent, elastic headband	IR/PC 3.0 Shade
11250850	Indirect vent, elastic headband	IR/PC 5.0 Shade



Welding Filters/ Lenses

Quality Auto-Darkening Filters

Auto-darkening filters provide reliable protection against UV/IR emissions, heat, sparks and spatter in both dark and light state. When striking an arc, the filter automatically darkens; providing the following advantages: hands free use, UV/IR protection to your eyes and skin, faster and more efficient welding, better quality and less fatigue.

THREE YEAR 3 WARRANTY
on auto-darkening filter

Variable Shade 9-12 Auto-Darkening Filter

- Controls make it easier to adjust shade, sensitivity and delay.
- Filter comes with both a horizontal and vertical adapter (shown).
- Variable shade 9-12.
- **Switching Speed:** Varies 0.5s - 1.0s.
- **Active Viewing Area:** 1.9" x 3.8"
- Meets ANSI Z87.1-2003.

Part No. C54-V



Extended View - 4" x 5.25" Fixed Shade 10 Auto-Darkening Filter

The magenta area (the active portion) sits idle in shade 3 until you strike the arc. Once the arc is struck, the magenta area automatically switches to a fixed shade 10, matching the rest of the filter and giving the user an edge to edge viewing area. This allows for continuous protection and vision throughout the entire job.

- Solar powered with dual sensors.
- Water resistant.
- **Switching Speed:** Up to 0.3ms.
- **Active Magenta Area:** 1.6" x 3.8"
Edge to edge viewing area is 3.25" x 5"
- Meets ANSI Z87.1-2003.

Part No. HS54-10X



THREE YEAR 3 WARRANTY
on auto-darkening filter

2" x 4.25" Fixed Shade 10 Auto-Darkening Filter

- Patented ultra thin design.
- Solar powered with dual sensors.
- Water resistant.
- **Switching Speed:** Up to 0.3ms.
- **Active Viewing Area:** 1.4" x 3.4"
- Meets ANSI Z87.1-2003.

Part No. C24-10



THREE YEAR 3 WARRANTY
on auto-darkening filter

4.5" x 5.25" Auto-Darkening Filter

- Variable shade 9-12.
- Sequential colored light indicators for shade, sensitivity, and delay settings.
- Low battery indicated by lights flashing in sequence.
- Replaceable CR 2032 battery.

Part No. 600-333-A



THREE YEAR 3 WARRANTY
on auto-darkening filter

2" x 4.25" Auto-Darkening Filter

- Fits most popular helmets.
- Dark shade 10.5.
- Reliable in-the-window sensor bar – virtually eliminates sensor blocking.
- Sophisticated circuitry is always ready – no On/Off or other adjustments.
- Solar cell helps extend battery life.

Part No. 600-350-A



ONE YEAR 1 WARRANTY
on auto-darkening filter

Filter Accessories

Diopter HalfMag™ Lenses

- Top half doesn't magnify; bottom half does.
- Fits 4-1/2" x 5-1/4" or 90 mm x 110 mm Best Welds® brand auto-darkening welding filters.
- Replaces rear cover plate; no extra layer.
- Excellent clarity.

Part No. 600-336-A- 1.50 diopter lens

Part No. 600-337-A- 2.00 diopter lens

Part No. 600-338-A- 2.50 diopter lens



Inside Protection Plate

- Fits 4-1/2" x 5-1/4"

Part No. 600-335-A- pkg of 5



Reliable Protection; Making Welding Quick, Safe and Efficient

Balanced, ergonomically crafted and lightweight, Best Welds® welding helmets have been thoughtfully engineered to maximize performance and enable welders to work more efficiently and comfortably. Made of durable, incredibly heat resistant material with contours that not only look fantastic, but actually redirect spatter safely away from the cover plate.

**THREE YEAR WARRANTY**
on auto-darkening filter

Silver Welding Helmet with Variable Shade Auto-Darkening Filter

- Controls make it easier to adjust shade, sensitivity and delay.
- Filter comes with both a horizontal and vertical adapter (shown).
- Variable shade 9-12.
- **Switching Speed:** Varies 0.5s - 1.0s.
- **Active Viewing Area:** 1.9" x 3.8"
- Meets ANSI Z87.1-2003.

Part No. H54-SVG- Silver helmet w/ U.S. flag graphic

Part No. H54-SV Silver helmet

**THREE YEAR WARRANTY**
on auto-darkening filter



Part No. H54-SVG



Part No. H54-SV

Black Welding Helmet with Extended View Fixed Shade 10 Auto-Darkening Filter

- Solar powered with dual sensors.
- Water resistant.
- Affordable.
- **Switching Speed:** Up to 0.3ms.
- **Active Magenta Area:** 1.6" x 3.8"
Edge to edge viewing area is 3-1/4" x 5"
- Meets ANSI Z87.1-2003.

Part No. H54-10X- Black helmet w/ U.S. flag graphic

Part No. H54-10X- Black helmet

**THREE YEAR WARRANTY**
on auto-darkening filter



Part No. H54-10XG



Part No. H54-10X

Visors

Multi-Purpose Faceshields

The multi-purpose faceshield combines clear anti-fog window with a flip-down IR window, providing uninterrupted protection for various operations. The shield curves naturally to fit facial contours—ensuring reliable protection from splash, particles, and flying debris. Ratchet headgear suspension allows user to adjust size and tighten at the turn of a knob.

- FIRST EVER combination clear anti-fog window w/ Shade IR flip-up lens.
- UV absorbing polycarbonate windows.
- Supplied with a ratchet headgear providing a perfect fit every time.
- Meets ANSI Z87.1-2003 Standards.
- CUL Certified to meet CAN/CSA Z94.3 Standards.

Faceshield w/ Flip-Up Shade Shade 8 IR

- Only faceshield in the market that meets ANSI Z49.1 Standards for plasma cutting!

Part No. MPH-F8

Shade 6 IR and 5 IR

- FIRST EVER combination clear anti-fog window w/ an infrared shade flip-up lens for use in grinding, cutting and brazing.

Part No. MPH-F6- Shade 6 IR

Part No. MPH-F5- Shade 5 IR



Part No. MPH-F8

Clear Anti-Fog Faceshield

- Clear anti-fog window for grinding.
- Available with hardhat attachments.

Part No. MPH-CL



Universal Visor Crown and Ratchet Headgear

- Unique toggle design makes assembly quick and easy.
- ABS crown is balanced and lightweight.
- Extreme impact strength.
- Soft brow pad on headgear for all-day comfort.
- Supplied with a ratchet headgear provides a perfect fit every time.
- Meets ANSI Z87.1-2003 Standards.
- CUL Certified to meet CAN/CSA Z94.3 Standards.

Part No. UNI-RH



Aluminum Bound Polycarbonate Faceshield Window 8" x 15.5" x .040"

- Aluminum bound provides extra durability.
- Chemical splash resistant.
- Non-glare finish allows for high clarity.
- Extreme impact strength.

Part No. RV-AB

⚠ Caution: This product is NOT suitable for protection against x-rays, gamma rays, high energy particulate radiation, lasers or masers. You should inspect this faceshield frequently and immediately replace worn, pitted, scratched or damaged parts. You should give this caution to any user of this faceshield.

Face Shield Replacement Visors

All Comfort® Line replacement visors are made from the highest quality, optically clear material and are available in clear and dark green. This visor eliminates the guesswork in selecting the proper style, size and type. Comfort® Line has the capability and know-how to manufacture special visors and hood windows to fit almost any head gear, cap attachment and sandblaster hoods.

- Fits universal hole pattern.
- Meet ANSI Z87-1

Fits the following original equipment manufacturer's headgear

- Huntsman K, K-3, K-4, K-10, C, H, P, & HF.
- Glendale 5000 & 6100 series.
- American Optical H-15.
- Jackson 131, 170SB, 282, 137, 37, 382.
- Also all visors with the Universal hole pattern fit most headgears and cap attachments of Apex, Norton, Bullard, Eastern Safety.

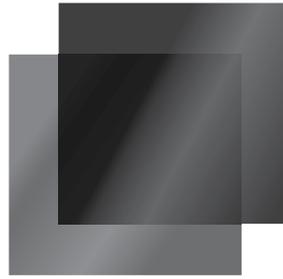


Part No. 932-824BDG

Part No.	Size	Color	Binding
932-804BCL	8" x 12" x .040"	Clear	Yes
932-804UCL			No
932-824BDG	8" x 12" x .040"	Dark green	Yes
932-824UDG			No
932-344BCL	9" x 15.5" x .040"	Clear	Yes
932-344UCL			No
932-354BLG	9" x 15.5" x .040"	Light green	Yes
932-364BDG	9" x 15.5" x .040"	Dark green	Yes
932-364UDG			No
Fibre Metal Replacement (only)			
932-4199UCL	9.75" x 19"	Clear	No
932-4199UG	9.75" x 19"	Dark green	No



2" x 4.25" filter plates



4.5" x 5.25" filter plates



50 mm filter lens

AWS Guide to Lens Shade Selection

Operation	Arc Current	Shade Minimum	Suggested Shade No.
Shielded Metal Arc Welding (SMAW)			
Less than 3/32" electrodes	Less than 60	7	-
3/32" to 5/32" electrodes	60 - 160	8	10
5/32 to 1/4" electrodes	160 - 250	10	12
More than 1/4" electrodes	250 - 550	11	14
Gas Metal Arc Welding / Flux Cored Arc Welding (GMAW)			
	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 Cutting (CAC-A)			
Light	Less than 500	10	12
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 Blazing (TB)	-	-	3 or 4
Torch Soldering (TS)	-	-	2
Carbon Arc Welding (CAW)	-	-	14

Application Suggestions Based on Plate Thickness

Operation	Plate Thickness		Suggested Shade No.
	Inches	mm	
Oxyfuel Gas Welding (OFW)			
Light	Under 1/8	Under 3	4 or 5
Medium	1/8 to 1/2	3 to 13	5 or 6
Heavy	Over 1/2	Over 13	6 or 8
Oxygen Cutting (OC)			
Light	Less than 1	Under 25	3 or 4
Medium	1 to 6	25 to 150	4 or 5
Heavy	Over 6	Over 150	5 or 6

Replacement Lens Chart

Part No.	Description	Shades
2" x 4.25" Filter Plates		
932-105	Hardened glass - fed. spec.	4 thru 14
932-106	Plastic - fed. spec.	5,6,8 thru 12
932-109	Gold plate - plastic - fed. spec.	8 thru 12
932-115	Metal kote silvered glass	8 thru 12, 14
4.5" x 5.25" Filter Plates		
932-107	Hardened glass - fed. spec.	4 thru 14
932-108	Irex - fed. spec.	9 thru 12
932-110	Gold plate - plastic - fed. spec.	8 thru 12
932-117	Metal kote silvered glass	8 thru 14
50 mm Filter Lens		
932-205	Hardened glass - fed. spec.	4 thru 6
2" x 4.25" Clear Cover Lens		
932-1440**	.060 poly carbonate cover plate	Clear
932-440** (932-940)*	Poly carbonate safety plate	Clear
932-740 (932-640)*	50% CR-39 clear plastic	Clear
932-840	100% CR-39 clear plastic	Clear
932-1140	Acrylic cover plate	Clear
4.5" x 5.25" Cover Lens		
932-442 (932-942)*	Poly carbonate safety plate	Clear
932-742 (932-642)*	50% CR-39 clear plastic	Clear
932-842	100% CR-39 clear plastic	Clear
932-1142	Acrylic cover plate	Clear
50 mm Cover Lens		
932-209	Poly carbonate	Clear
932-210	100% CR-39 clear plastic	Clear
Magnifier Lens		
932-145	Glass - specify focal power (0.75 thru 3.50)	Clear
932-146	Magna lens - plastic - specify focal power (0.75 thru 2.50)	Clear

* These Items Indicate Personalized Lenses

**Available in bulk.

Welding Helmets / Auto-Darkening Filters

Speedglas™ Helmets and Auto-Darkening Filters (ADFs)

- Safety products that help increase welding performance
- Constant UV/IR protection
- Welding helmets that breathe
- Helmet option with side windows to improve visibility, safety and comfort
- Ideal for weld prep/grinding



The Speedglas™ SideWindows

Speedglas™ SideWindows helmets from 3M™ allow for peripheral vision. The two shade 5 side filters increase the peripheral viewing area by over 100%. The two side filters are designed solely for peripheral vision; the welder continues to view his own arc through the center (auto-darkening) filter.



The Speedglas™ ProTop System

3M™ has an exclusive pivot mechanism that “nests” the welding helmet down low over the hardhat, in a balanced, secure position. The lower center-of-gravity helps reduce neck strain.



The Speedglas™ FlexView System

Available from 3M™, these helmets have a big 4.7 in. x 3.6 in. (120mm x 90mm) clear polycarbonate faceshield that’s ideal for precision weld preparation work under a variety of lighting conditions. The user simply lifts up the spring-mounted Speedglas™ filter assembly for weld prep. The faceshield meets the ANSI Z87.1-2003 industrial eye and face protection standard.



Specification Chart for Speedglas™ Helmets

	9002X	9002V	9000XF	9002D	Utility
	<ul style="list-style-type: none"> • Variable Shade • Shades 9 to 13 • MIG, Stick, TIG • Large Viewing Area • 4 Sensitivity Adjustments • 3 Delay Settings • Solar Panel 	<ul style="list-style-type: none"> • Variable Shade • Shades 9 to 13 • MIG, Stick, TIG • 4 Sensitivity Settings • 3 Delay Settings 	<ul style="list-style-type: none"> • Fixed Shade • Available in Shades 10, 11, or 12 • MIG, Stick, some TIG • Large Viewing Area • Sensitivity Adjustment • Solar Panel 	<ul style="list-style-type: none"> • Dual Shades 10 and 11 • MIG, Stick, some TIG 	<ul style="list-style-type: none"> • Fixed Shade • Available in Shades 10 or 11 • MIG and Stick
Helmet System(s)	9002X	9002V	9000XF	9002D	Utility
Standard	04-0012-21	04-0012-31	04-0012-10	04-0012-15	04-0014-10U
SideWindows	04-0012-21SW	04-0012-31SW	04-0012-10XSW	04-0012-15SW	N/A
ProTop	04-0015-21	04-0015-31	04-0015-10X	04-0015-15	N/A
ProTop + SideWindows	04-0015-21SW	04-0015-31SW	04-0015-10XSW	04-0015-15SW	N/A
FlexView	04-0016-21	04-0016-31	04-0016-10X	04-0016-15	N/A
FlexView + SideWindows	04-0016-21SW	04-0016-31SW	04-0016-10XSW	04-0016-15SW	N/A
FlexView + ProTop	04-1516-21	04-1516-31	04-1516-10X	04-1516-15	N/A
FlexView + ProTop + SideWindows	04-1516-21SW	04-1516-31SW	04-1516-10XSW	04-1516-15SW	N/A

Speedglas™ Replacement Lenses

The inner lens of the filter assembly provides the same continuous UV/IR protection as a traditional shade 13 filter plate (as regulated by USA and Canadian welding safety standards). Note: Because faceshields and welding shields can be raised from the normal position, ANSI Z87.1-2003 states that safety glasses must be used in conjunction with these helmets.



Helmet Model	Outer Lens	Inner Lens (filter)
AT, APC & *APC-V	02-0270-00	02-0280-00
XL	03-0270-00	03-0280-00
Utility & 9000 series		
9000X & XF	04-0270-00	04-0280-00
9000F & V		04-0290-00

* Discontinued Helmet Model

Speedglas™ SL Welding Helmet

- State-of-the-art liquid crystal design.
- Superior optics for visual clarity and weld pool control.
- Light state of shade 3, dark shade range 8-12.
- 4 sensitivity levels for all welding processes, even extreme low amp TIG.
- Patented auto On/Off technology.
- New headband with fast-adjusting, flexible, multiple position headband.
- Factory equipped hard-coated outside protection for abrasion and spatter resistance.
- Replaceable batteries.
- Fully ANSI Z87.1-2003 compliant.

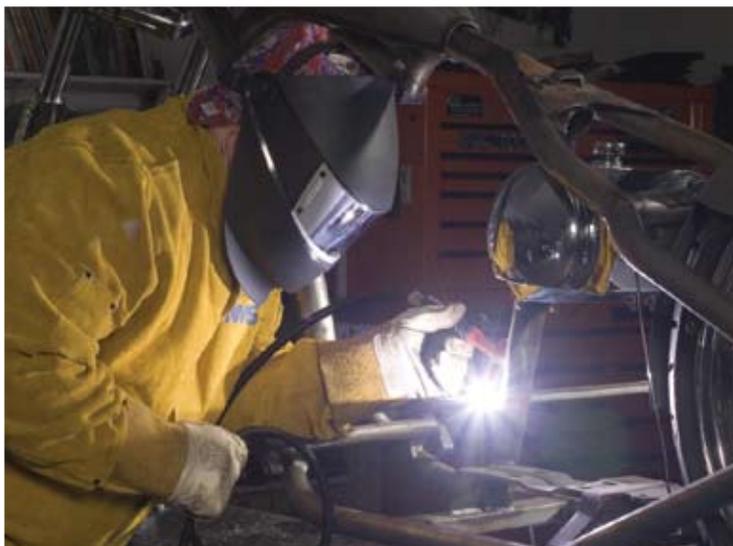
Headgear Design

- 2-size front portion of suspension fits more head sizes and face shapes.
- 4-position, back/forth slide adjustment.
- Adjustment in rear, for easy one-hand tightening and push-button adjustment.



Part No.	Description
05-0013-00	SL helmet (helmet only – does not include headband)
05-0013-41	SL helmet with auto-darkening filter, shade 8-12
05-0000-41	Auto-darkening filter, shade 8-12

Replacement Parts and Accessories for 3M™ Speedglas™ Filters and SL Helmet



Part No.	Description	Case Qty
Protection Plates		
05-0250-00	Outside protection plate	5 per case
05-0250-01	Outside protection plate (hard-coated and painted)	5 per case
Miscellaneous Parts/Accessories		
05-0370-00	Battery holder	2 per case
05-0650-00	Headband and mounting hardware	1 per case
05-0660-00	Headband assembly kit	10 per case

Air-Purification Systems

3M™ Speedglas™ with Adflo™ System

- Lightweight, compact, all-in-one system.
- Exclusive “stackable” configuration allows the Adflo™ high efficiency (HE) particulate filter to be combined with a chemical cartridge for additional protection.
- Designed for comfort within exhausting and hard-to-breathe environments which can help lead to more productive work time.



Adflo™ System	9002X	9002V	9000XF	9002D
(HE) with 9000 HWR Helmet	15-1101-21	15-1101-31	15-1101-10X	15-1101-15
(HE) with 9000 HWR Helmet SideWindows	15-1101-21SW	15-1101-31SW	15-1101-10SW	15-1101-15SW
(HE) with FlexView System Helmet	16-1101-21	16-1101-31	16-1101-10X	16-1101-15
(HE) with FlexView System Helmet SideWindows	16-1101-21SW	16-1101-31SW	16-1101-10SW	16-1101-15SW
(HE + OV/SD/CL/HC) with 9000 HWR Helmet	15-3301-21	15-3301-31	15-3301-10X	15-3301-15
(HE + OV/SD/CL/HC) with 9000 HWR Helmet SideWindows	15-3301-21SW	15-3301-31SW	15-3301-10SW	15-3301-15SW
(HE + OV/SD/CL/HC) with FlexView System Helmet	16-3301-21	16-3301-31	16-3301-10X	16-3301-15
(HE + OV/SD/CL/HC) with FlexView System Helmet SideWindows	16-3301-21SW	16-3301-31SW	16-3301-10SW	16-3301-15SW

NOTE: Not for paint spraying of flammable substances, or where intrinsic safety is required.

Because faceshields and welding shields can be raised from the normal position, ANSI Z87.1-2003 states that safety glasses must be used in conjunction with these respirators.

3M™ Fresh-air II Supplied Air System

- The NIOSH-approved supplied air (SA) 9000 system provides respiratory protection from airborne particulates and gases. The lightweight, belt-mounted valves permit the welder to adjust the temperature of the air entering the headpiece, making it ideal for very hot or strenuous jobs.
- Cool-air valve permits welder to lower the temperature of the supplied air by up to 45°F (25°C).
- Temp-air valve allows either cooling or warming of the supplied air ±45°F from the supplied air temperature.



Fresh-air II Supplied Air Systems	9002X	9002V	9000XF	9002D
Cool-air (CA) System with 9000 HWR Helmet	14-5701-21	14-5701-31	14-5701-10X	14-5701-15
Cool-air (CA) System with 9000 HWR Helmet and SideWindows	14-5701-21SW	14-5701-31SW	14-5701-10XSW	14-5701-15SW
Temp-air (TA) System with 9000 HWR Helmet	14-5801-21	14-5801-31	14-5801-10X	14-5801-15
Temp-air (TA) System with 9000 HWR Helmet and SideWindows	14-5801-21SW	14-5801-31SW	14-5801-10XSW	14-5801-15SW

NOTE: Final determination of respirator applicability and filter selection must be made by an on-site safety specialist or industrial hygienist.

Because faceshields and welding shields can be raised from the normal position, ANSI Z87.1-2003 states that safety glasses must be used in conjunction with these respirators.

Valve Model	CFM Required	CFM Delivered	Pressure Range (PSIG)	Max. # of Hoses/Length*
Cool-air	12-25	6-15	70-105	4 hoses/100'
Temp-air	12-25	6-15	85-110	4 hoses/100'*

*Indicates maximum number of hoses and maximum total length.

**Temp-air valve is approved for use with breather hose only.

Hardhat Systems for Supplied Air Cool-air and Temp-air Systems

Use the chart to the right to determine which parts are required in tailoring the hardhat air system to your specifications.



Part No.	Description
1. Helmet Assembly (choose one from the following)	
14-0099-35H	9000 HWR Helmet with Hardhat
14-0099-35HSW	9000 HWR Helmet with Hardhat and SideWindows
2. Breathing Tube, Supplied Air Control Air Valve	
18-0099-63	Breathing Tube
(plus, choose one from the following)	
18-0099-47	Cool-air Valve (CA)
18-0099-48	Temp-air Valve (TA)
3. Supplied Air Hoses (choose one from the following)	
18-0099-40	25' Breather Hose, with Couplings
18-0099-41	50' Breather Hose, with Couplings
18-0099-42	100' Breather Hose, with Couplings
18-0099-43*	25' NyCoil™ Hose, with Couplings
18-0099-44*	50' NyCoil™ Hose, with Couplings
18-0099-45*	100' NyCoil™ Hose, with Couplings
4. Belt	
18-0099-16	Comfort Belt
5. Appropriate 3M™ Speedglas™ Auto-Darkening Filter (choose one of the following)	
04-0000-15	9002D User Selectable Shades 10 and 11
04-0000-10X	9000XF Shade 10
04-0000-11X	9000XF Shade 11
04-0000-12X	9000XF Shade 12
04-0000-31	9002V Filter
04-0000-21	9002X Filter

*NyCoil™ hoses can only be used with Cool-Air valve Supplied Air (SA) Systems.

L-Series Headgear

3M™ L-Series Headgear



Part Nos. L-501



L-503



L-505



L-701



Part Nos. L-703



L-705



L-901



L-905

Part No.	Description	Applications
Bumpcap		
L-501	w/faceshield	Chipping; grinding; pharmaceutical and laboratory; welding; painting; sanding; buffing; soldering; brazing; cutting; chemical processing or mixing; plasma cutting.
L-503	w/welding shield	
L-505	w/welding and face shield	
Hardhat		
L-701	w/faceshield	Chipping; grinding; welding; sanding; buffing; soldering; brazing; cutting; chemical processing or mixing; plasma cutting.
L-703	w/welding shield	
L-705	w/welding and face shield	
Helmet		
L-901	w/welding and face shield	Chipping; grinding; welding; sanding; buffing; soldering; brazing; plasma cutting
L-905	w/welding and face shield	

Orange County Choppers™

Safety Caps

- High density, polyethylene shell with OCC logo on front and back.
- Carbon fiber look.
- 4-point ratchet suspension with lightweight FlexGear™.
- Cushioned brow & height adjustment.
- Meets ANSI Z89.1, Type 1, Class G&C and complies with OSHA regulations.



Part No. 46140



Part No. 46141

Part No.	Model No.	Color
46140	HH140	Black
46141	HH141	Red

Headgear

- Full face and crown protection.
- Black carbon fiber look.
- Patented, quick window replacement.
- Meets ANSI Z87.1.



Part No. 82785



Part No. 82786
Part No. 82787

Part No.	Model No.
Without visor	
82784	HG101
With WP96 clear visor	
82785	HG102

Replacement Visors

Part No.	Model No.	Color
82786	WP96	Clear
82787	WP96 C	Dark green

Real Tree™ Camouflage Hard Hat

- Real Tree™ hardwoods HD® camouflage pattern.
- Soft cushioned, vented headband.
- 4-point ratchet suspension.
- UV protective finish.
- High density polyethylene shell.

Part No. RT HH149



Part No. RT HH149



Welding Helmets / Hard Hats

HARLEY-DAVIDSON Welding Helmets WELDING HELMETS

H-D® Premium Series

Advanced technology meets cutting-edge design.

The H-D® **Flames** welding helmet provides style with unrivaled performance.

Featuring Harley-Davidson® distinctive orange stripe design and race-inspired graphics, the H-D® **Racing** is sure to stand out.

Variable shades provide a wide range of shade options, while the external shade selection knob allows for easy access shade selection. Patented telescoping headgear design and extended coverage of the helmet shell provide unsurpassed comfort.



Flames
Shades 9-13 with solar
powered auto darkening filter
Part No. K918



Racing
Shades 9-13 with solar
powered auto darkening filter
Part No. K919



HARLEY-DAVIDSON Welding Helmets WELDING HELMETS

H-D® Signature Series

Classic style combining value and variety.

The H-D® Signature Series' sleek, black helmet features the Harley-Davidson® Bar and Shield signature logo. They offer 3 filter options to suit a broad range of applications. Patented telescoping headgear design and extended coverage of helmet shell provide unsurpassed comfort.



4 x 5 Fixed Shade 10
Part No. K916



Auto-Darkening Filter
Part No. K917



2 x 4 Lift Front Shade 10
Part No. K915

HARLEY-DAVIDSON Hard Hats HARD HATS

Harley-Davidson® Hard Hats not only provide top of the line safety protection, they also give you the opportunity to show off your personality while you're at work. The scorching, realistic flame and racing designs incorporate the distinctive, recognizable Harley-Davidson® Bar and Shield logo on a high-gloss, sleek hard hat. Safety without style is someone else's problem!



Racing Safety Cap
Part No. HDHHAT20



Flames Safety Cap
Part No. HDHHAT10

Part No. HDHHAT20- Replacement headgear

Welding Helmets and Cartridges: Applications and Safety

Read this section completely before selecting your Jackson welding helmet. Welding helmets do not provide unlimited face and eye protection.

Welding helmets provide protection against injurious rays, sparks and spatter from welding and cutting, and weld slag removal. Proper shade of impact resistant filter lens and safety plate must always be used. The proper shade of filter lens may be selected from the table shown on Jackson Notice No. JP 930 packed with each helmet.

Welding helmets, including face plates, are not unbreakable. They will not protect against severe impact hazards such as, but not limited to, fragmenting grinding wheels, or abrasive discs, explosive devices, corrosive liquids, or molten metal. Machine guards, eye conforming splash protection, or other

suitable means must be used where these hazards exist. Impact resistant eye protection (safety spectacles or goggles) must be worn at all times when using helmets.

Pitted or scratched face plates reduce vision and seriously reduce impact protection—replace immediately. Inspect frequently and immediately replace worn or damaged parts. Clean only with mild soap and lukewarm water. Do not use solvents.

For further information, see American National Standards Institute Standard Z87.1 available from American National Standards Institute, 1430 Broadway, New York, NY 10018.

Good, Better, Best

We want to make it easy to choose the Jackson unit that fits your needs by offering a wide range of options. Jackson has made the following useful list categorized into “Good, Better, Best” for our most popular helmets.

Good

HSL1 Apprentice Lens

For the hobbyist or apprentice

- Solar-powered auto-darkening lens.
- Shade 10 lens.

Part No: 0744-0706

HSL1 EQC® Journeyman®, Variable, HTLS

Part No: 0744-0764

HSL1 EQC® Journeyman®, Shade 10

Part No: 0744-0766

HSL100 EQC® Professional, Variable

- Larger viewing area than the Journeyman®.
- Sensitivity and delay adjustments.
- Available in multiple styles.

HSL100 Professional, Shade 10

Part No. 0744-0761

Better

HSL100 EQC® Master, Variable, HTLS

- Allows the serious welder to work in almost any welding application.
- Sensitivity and delay adjustments & variable shade range 9-12.

Part No: 0744-0660

EQC® Features

- Made in the USA.
- Fastest switching speed available.
- IR/UV protection at all times.
- Two year performance guarantee.
- Dedicated 1-800 phone line.
- Mag-plate adaptable.
- Upgrade program.
- There is a unit to meet every welder's needs.
- Meets all current standards: ANSI, CSA, CE & DIN.

Best

Boss EQC® Cartridge

- Large 13.2 square inch viewing area.
- 3N1 technology allows three modes of operation: weld (shades 9-12), grind (3), or cut (5).
- Two independent sensors.

Part No: 3014753

HSL100 NexGen® EQC®

- 3N1 technology allows three modes of operation: weld (shades 9-13), grind (3), or cut (5).
- IntelliSense technology allows unit to detect welds less than 5 Amps.
- Smart View LCD for fingertip control information.

Part No: 0744-0705

Halo X NexGen® EQC®

- Extreme lightweight shell design - weighs only 6 oz.
- Hydrflex™ shell for the ultimate in flexibility and durability.
- Ergonomic lightweight design reduces neck tension and fatigue.
- Available in multiple styles.

BOSS™ EQC® Cartridge

- Large 13.2 square inches for optimal viewing area.
- Versatile: 3N1 Weld (9-12), Grind (3), Cut mode (5).
- Sensitivity and delay adjustments allows user to adjust lens settings depending on the work environment and process.
- Variable shade 9-12.
- Amber view lens – gives user greater visibility of weld with less strain on the eye.
- Intellisense technology allows unit to detect welds less than 5 amps – ideal for low amp TIG.
- Two independent sensors
- Mag lens adaptable
- 4x5 cartridge fits Shadow® and Halo X helmets
- Two year performance guarantee



Part No. 3014753

Welding Helmets and Cartridges

NexGen



NexGen®

The Jackson NexGen® is truly the next generation of auto-darkening technology.

- Four redundant sensors in a staggered design.
- Versatile cartridge fits in most 4-1/2" x 5-1/4" vertical windows.
- Thin and lightweight.
- Soft touch controls eliminate contaminants; all controls protected from harsh welding environment.
- Mag lens adaptable in Shadow®.
- Smart View™ LCD for fingertip control information.
- 3N1 multifunction capability (grind, weld, cut).
- Intellisense™ technology: allows unit to detect welds less than 5 amps.
- Clear Vue light state: keeps helmet down at all times.
- Fastest switching speed in the world.
- IR/UV protection at all times.
- Filter always protects to shade 14, even in the "off" state.
- Noncurved cover lens prevents ghosting images.
- Replaceable lithium batteries with low battery indicator.
- ClimaSensors™.
- EMI coating.
- 800 working hours of battery life.
- Standard size outer cover plate.
- Auto shutoff after 20 minutes of downtime.
- Sold with the #1 selling welding hood the Jackson Shadow®.
- Large window has 9 square inches of viewing area.
- Two year warranty.

Part No. 0744-0705 - HSL100 NexGen® in Shadow® Helmet

Part No. 0752-0106 - NexGen® Cartridge with Retainer

Part No. 0745-0074 - NexGen® Retainer alone

Part No. 0752-0054 - NexGen® Safety plate

	Boss	NexGen®	Master Variable	Professional Variable	Professional Shade 10	Journeyman Variable	Journeyman Shade 10	Apprentice
Auto Darkening Lens Features								
Solar Powered								•
EQC® Technology Powered	•	•	•	•	•	•	•	
1-1/5" x 3-3/4" Viewing Area						•	•	•
1-3/4" x 3-3/4" Viewing Area			•	•	•			
2-3/8" x 3-3/4" Viewing Area		•						
3-3/4" x 3-1/2" Viewing Area	•			•		•	•	
Auto-Off Feature				•		•	•	
On/Off Switch w/Auto-Off	•	•	•	•				
Sensitivity Adjustment	•	•	•	•				
4 Independent Redundant Sensors		•						
2 Independent Redundant Sensors	•		•	•		•		
Single Sensor						•	•	•
Uses 2 AAA Batteries	•		•		•	•	•	
Uses 2 Lithium 'Coin' Batteries		•						
Solar Battery Life Extender		•	•					
Low Voltage Indicator Lamp	•	•	•	•	•			
Fixed Shade 10					•		•	•
Variable Shades 9 - 13	•	•		•		•		
Delay Adjustment	•	•	•	•				
Fits HSL-100 Series Hood (4 1/2" x 5 1/4")	•	•	•	•	•			
Fits HSL-1 Series Hood (2" x 4")						•	•	•
3N1 - Grind, Weld, Cut	•	•						
Intellisense™ (Allows for 5 Amp & Below)	•	•	•	•				

EQC Welding Helmet Selector Chart

Low-AMP TIG Welding? Select an EQC® filter with Sensitivity Adjustment.
Different Applications? Select an EQC® filter with Variable Shade Adjustment.
Pulse TIG Welding? Select an EQC® filter with Delay Adjustment.

Replacement cartridges are available for all EQC® helmets

*High Transmission Light State (HTLS) features greater visual acuity in any light. The clearest available in the world today at less than Shade 3 in light state. (For low ambient light.)

	Variable	Variable HTLS	Shade 10
Shadow Series			
Apprentice			0744-0706
Journeyman®		0744-0764	0744-0766
Professional	0744-0665		0744-0761
Master		0744-0660	
Executive	0744-0751	0744-0750	
3N1 Master	0744-0747		
3N1 Executive	0744-0746		
NexGen®	0744-0705		

	Variable	Variable HTLS	Fixed front Shade 10
Cartridges Only			
Journeyman®		0752-0214	0752-0216
Professional	0752-0142		0752-0211
Master	0752-0141		
Executive	0752-0201	0752-0200	
3N1 Master	0752-0225		
3N1 Executive	0752-0227		
NexGen®		0752-0106	

Shadow® Welding Helmet Selector Chart

Description	For Mounting to Caps								
	w/headgear		w/cap blades		w/quick-detach		w/cap mount adapter		
	Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.	
Shadow® Series									
Large Lens	Black	HSL100	0744-0504	HSL100-187S	0744-0508			HSL-100-386	0744-0352
	Blue	HSL100B	0744-0505						
	Red	HSL100R	0744-0506						
Fixed Front	Black	HSL1	0744-0512	HSL1-187S	0744-0522				
	Blue	HSL1B	0744-0513						
	Red	HSL1R	0744-0514						
Lift Front	Black	HSL2	0744-0516	HSL2-187S	0744-0523	HSL2-86M	0744-0139	HSL2-386	0744-0351
	Blue	HSL2B	0744-0517						
	Red	HSL2R	0744-0518						

Miscellaneous Welding Helmet Selector Chart

Description	For Mounting to Caps							
	w/headgear		w/cap blades		w/quick-detach		w/cap mount adapter	
	Model	Part No.	Model	Part No.	Model	Part No.	Model	Part No.
Fiberglass Helmets								
Curved Shell Large Lens	H-100-A	0744-0001			H-100-86	0744-0101		
Curved Shell Lift Front	H2-A	0744-0004			H2-86 H2-86M	0744-0104	H2-386	0744-0304
Integral Front	HM-1A	0744-0005						
Pipe Line Style	HM1-PW	0744-0081						
Respirator-Adapted Shell Lift Front	HR-2A	0744-0069					HR2-386	0744-0369
Narrow Shell Lift Front	H4-A	0744-0009					H4-386	0744-0309
Straight Shell Lift Front	H9-A	0744-0012	H9-187	0744-0194	H9-86	0744-0112	H9-386	0744-0312
Hand Shields/Curved Fiberglass								
Large Lens	H-500	0744-0016						
Integral Front	HM-5	0744-0037						

Welding Helmets

Halo X Helmets



The Extreme Lightweight Welding Helmet by Jackson

- Extreme lightweight shell design - weighs only 6 oz.
- Hydrflex shell for the ultimate in flexibility and durability.
- Duralogic™ high index metallic paint.
- Ergonomic lightweight design reduces neck tension and fatigue.
- Easily attaches to safety caps for added head protection.
- High impact, seamless graphic designs.
- Three lens options available.



Razor

Part No.	Description
Halo X Passive Helmets	
3013597	Halo X Heavy Metal w/Shade 10
3013594	Halo X I ² w/Shade 10
3013591	Halo X Razor w/Shade 10
3013588	Halo X Yellow Flames w/Shade 10
Halo X Pro Variable Helmets	
3013593	Halo X I ² w/Pro V
3013590	Halo X Razor w/Pro V
3013587	Halo X Yellow Flames w/Pro V
3013596	Halo X Heavy Metal w/Pro V
Halo X NexGen® Helmets	
3013592	Halo X I ² w/NexGen®
3013589	Halo X Razor w/NexGen®
3013586	Halo X Yellow Flames w/NexGen®
3013595	Halo X Heavy Metal w/NexGen®



Heavy Metal



I²



Yellow Flame

Boss w/ EQC Helmets

- **LARGE 13.2 square inch viewing area!**
- 3-N-1 weld, grind, cut mode.
- Two independent sensors.
- Variable shades 9-12.
- 4 x 5 cartridge fits Shadow and Halo X helmets.
- Two year performance guarantee.



Part No. 3014755



Part No. 3014754

Part No.	Description
3014755	Halo X Heavy Metal w/ Boss EQC®
3014754	HSL100 Gunmetal w/ Boss EQC®
3016262	Halo X I ² w/ Boss EQC®
3016263	Halo X Yellow Flames w/ Boss EQC®

HeadTurners™ Welding Helmets (HSL100)

Unique high gloss options let welders stand apart while using the most popular helmet on the market—The Shadow®.

- Narrow shell design is perfect for work in tight spaces and weighs only 13.8 ounces.
- Extended front increases throat protection against sparks, slag, and fumes.
- Standard shade 10 filter plate and cover plates installed at factory (Passive only).
- Meets ANSI Z87.1 standards.



HellRaiser



Glory

Part No.	Description
0744-1091	HellRaiser
0744-1090	HellRaiser w/ NexGen® EQC® Lens
3011005	Glory
3011006	Glory w/ NexGen® EQC® Lens
3011640	Glory w/ ProVariable Lens

Apprentice Helmets

The Jackson Apprentice is the perfect auto-darkening option for the hobbyist or weekend welder. The Apprentice is a low-cost unit that features the number one selling welding helmet on the market and the highest quality solar-powered auto-darkening lens. This is a perfect combination for the hobbyist or a beginning welder looking for the latest in welding technology.

- Solar-powered auto-darkening lens
- Switching time of 0.8 milliseconds
- Two sensors
- Two solar cells
- Two year warranty
- Not intended for TIG welding.

Part No. 0744-0706



Shadow® Helmets

The best-selling welding helmet in the industry. The narrow shell design is perfect for work in tight spaces and the Shadow® helmet's extended front increases throat protection against sparks, slag and fumes.

Plus the Shadow® helmet can stand up to radiant heat of 350° F, a minimum 50% improvement over most other thermoplastic shells. All Shadow® helmets come complete with cover plate and shade 10 filter plate.

- Shadow® helmet is available in 3 metallic colors: black, red, blue.
- Meets ANSI Z87.1, CSA Z94.3 standards.

HSL-100

4-1/2" x 5-1/4" Vertical Mount

Bulk Part No. 0744-9459

Part No. 0744-0504- Black

Part No. 0744-0505- Blue

HSL-1

2" x 4-1/2" Fixed Front

Bulk Part No. 0744-9452

Part No. 0744-0512- Black

HSL-2

2" x 4-1/4" Lift Front

Bulk Part No. 0744-9453

Part No. 0744-0516- Black



Part No. 0744-0505

Fiberglass Helmets

Jackson manufactures a variety of fiberglass helmets to fit almost every application. All are heavy-duty, moisture-resistant helmets shaped to resist weld spatter. Three basic helmet shapes are available, as well as a choice of plate holders.

- Meets ANSI Z87.1.5.1

Narrow Shell Fiberglass Helmets

A compact design especially useful for welding in close quarters.

- Includes 2" x 4-1/4" plate holders.
- H4-A (Lift Front)

Part No. 0744-0009



Straight Shell Fiberglass Helmets

These helmets provide more protection to the throat area, as well as better ventilation.

- Includes 2" x 4-1/4" plate holders.
- H9-A (Lift Front)

Part No. 0744-0012



Welding Helmets / Lens Holders

Fiberglass Helmets

Curved Shell

Curved shells provide excellent interior clearance and come in a variety of styles.

(H-100A) Large Window

Although it weighs no more than comparable small-plate helmets, the Big-J (H-100A) provides welders with 19 square inches of viewing window. The plate holder is molded into the shell, and a folded neoprene gasket seals both cover and filter plate to prevent entry of light rays.

- Maximum clearance for nose, chin and largest prescription glasses or goggles.
- 4-1/2" x 5-1/4"

Part No. 0744-0001



(HM-1A) Integral Front

A lightweight helmet with shell and plate holder molded in a single piece.

- Inclined top surface of the plate holder helps resist weld spatter.
- 2" x 4-1/4"

Part No. 0744-0005



(H2-A) Lift Front

- Allows welder to inspect work without raising entire helmet.
- Made of heat-resistant, glass fiber-reinforced plastic.
- Welding plate secured in a hinged door activated by coil springs.
- Furnished with a clear polycarbonate inner safety plate for protection when front is raised.
- 2" x 4-1/4"

Part No. 0744-0004



(HM1-PW) Pipe Line Style

Pipe line version of the integral shell design.

- Includes a modified Adjust-O-Lok headgear with an elastic neoprene insert in place of the adjustment knob.
- Shell exterior has a white coating.
- 2" x 4-1/4"

Part No. 0744-0081



(HR-2A) Respirator, Lift Front

A respirator adapted helmet that allows for greater worker convenience, with a bubble front that makes room for mask-type respirators. (Note: welding fumes are not reduced unless accompanied by the proper respirator).

- Includes plastic lift-front plate holder.
- 2" x 4-1/4"

Part No. 0744-0069



Handshields

- Fiberglass handshields are available in two curved shell models.
- Handles are made of injection-molded plastic.



HM-5 Integral Front
Part No. 0744-0037



H-500 Large Lens
Part No. 0744-0016

Mag Lens Holder

- Large window mag lens holders 98-3 and 98-2.
- The 98-3 Mag Holder will work with all HSL-100 window styles old and new (with filter plate & glass spring retainer) and will allow mag lens to be used at the bottom of the window.

Part No. 0745-0029- HSL-100 Helmets

Part No. 0745-0040- Executive EQC's

870 Inspection Shield

- Quality leather.
- Ideal for those who occasionally observe the welding process.

Part No. 45004



900 Series Ultra-light®

- Our lightest-weight, durable, washable, thermoplastic shell.
- Original Huntsman® shape.
- Huntsman® "Contour Comfort" double-lock headgear and patented Zahnlok™ size adjustment system.



911P

- Aluminum glass holder.
- Order with factory installed auto-darkening lens.

Part No. 25064

Part No. 25141- w/1100BVL™

Part No. 25142- w/1105BL™



Part No. 25064

929

- Inspectors model.
- Shell and lens, no headgear.
- Front-mounted handle.

Part No. 25070



930P

- Injection molded thermoplastic lift-front glass holder.

Part No. 25065



951P

- Big Window® lens - has a 4.5 x 5.25 viewing area for maximum visibility.
- Order with factory installed auto-darkening lens.

Part No. 25066- w/ standard lens

Part No. 25140- w/1105VXL™ **Part No. 25140**

Part No. 25139- w/ 1105VS™

Part No. 25209- w/ Turbo



981P

- Molded standard window.

Part No. 25067



990P

- Quick-Slide™ glass holder.

Part No. 25068



400 Series

- Heat-resistant vulcanized fiber shell for comfortable, cool, heavy-duty welding.
- Lightest-weight helmet in the Huntsman® line.
- Huntsman® "Contour Comfort" headgear and patented Zahnlok™ size adjustment system.
- Unique to Huntsman® line of helmets.

Note: In some damp or wet environments, Scotchguarding the 400 series prolongs useful life.



411P

- Aluminum glass holder.
- With standard lens.

Part No. 25023



451P

- Big Window® vertically mounted 5-1/4" x 4-1/2" lens for improved visibility.

Part No. 25030



490P

- Quick Slide™ glass holder.

Part No. 25062



430P

- Easy to use lift front glass holder.

Part No. 25029



Welding Helmets and Accessories

800 Series Leather Helmets

- Tough, pliable, breathable leather covering.
- Huntsman® “Contour Comfort” headgear and patented Zahnlok™ size adjustment system.

HUNTSMAN



Part No. 25052

860P

- Lift-front glass holder.
- Part No. 25052

860-2

- Small size helmet with lace back.
 - No headgear.
- Part No. 25055

851P

- Big Window® lens.
- Part No. 25056

700 Series

- Designed for use in Acetylene (gas) welding and cutting.
- Lightweight, heat-resistant vulcanized fiber shell.
- Shipped without filter plate

HUNTSMAN



Part No. 25048

711P

- Aluminum glass holder.
- Part No. 25048

751P

- Big Window® model.
- Part No. 25071

Helmet/Cap Attachment Devices

Most welding helmets can be ordered for attachment to any Jackson protective cap. There are a number of options available.

- Caps meet ANSI Z89.1
- Helmets meet ANSI Z87.1



86 Quick Detach Pins
Part No. 0743-0007- plastic

86-M Quick Detach Pins
Part No. 0743-9998- metal



87 Mounting Blades
Part No. 0741-0061



386 Capmount Adapter
Part No. 0745-0027



187-K Safety Cap Mount
Part No. 0745-0025



187-S Safety Cap Mount
Part No. 0745-0001

Replacement Headgear

270 Headgear

- Softer, more comfortable strap material.
- Breathability enhanced with perforations on headband and absorbent cloth sweatband.
- Ergonomically designed, streamlined ratchet for easy adjustments and increased shell clearance.
- Six crown adjustments and perpendicular to pivot assembly for added balance.



Part No. 0745-0073



Part No. 0743-0010



Part No. 0745-0047

170 Headgear*

- 45 head size adjustments and 5 crown adjustments.
- The new ratchet system eliminates “back off” by the push-and-turn design.
- A lower ratchet strap offers added comfort and strength.

170-P Headgear*

- Has all the features of the 170, except a rubber strap is used in place of a ratchet.
- “Pipeline” style is most comfortable for out-of-position welding.

* for Shadow®, Halo X, and HML Series produced before May 2000.

Welding Helmet Bag

- Heavy-duty denier fabric with drawstring closure.
- Velcro close front lens pocket with two side mesh tool pockets.

Part No. 3010811



Lenses and Plates: Applications and Safety

Read this section completely before selecting your Jackson filter plate or lens, safety plate, cover plate or cover lens. Safety plates, filter plates or filter lenses do not provide unlimited eye protection.

Filter lenses and filter plates, when selected in the proper shade number, provide eye protection against injurious rays from welding and flame cutting and against light impact such as sparks and spatter from welding.

Safety plates are clear in shade and provide eye protection against light impact such as small particles from grinding or chipping slag, but do not provide injurious ray protection.

Cover lenses and cover plates have minimal strength and provide protection only against pitting and scratching of filter lenses and filter plates or safety glasses. Cover lenses and cover plates do not in themselves provide any significant impact protection.

Safety plates, filter plates and filter lenses are not unbreakable. They will not protect against severe impact hazards such as, but not limited to, fragmenting grinding wheels or abrasive discs, explosive devices, corrosive liquids or molten metal. Machine guards, eye conforming splash protection, or other engineering devices must be used for these hazards.

Pitted or scratched filter lenses, filter plates or safety plates, reduce vision and seriously reduce impact protection—replace immediately. Inspect frequently and immediately replace worn or damaged plates or lenses.

Clean only with mild soap and lukewarm water. Do not use solvents.

For further information see American National Standards Institute Standard Z87.1 available from American National Standards Institute, 1430 Broadway, New York, NY 10018. Jackson recommends .060 polycarbonate safety plates.

Lens and Plate Selection Chart

Part No.	Model No.	Description	Per Carton
50 mm Lenses - Hardened Glass			
0752-0009	46-H	Shade 5, pr.	50
2" x 4-1/4" Plates - Hardened Glass			
0752-0035	53-H	Shade 5	50
0752-0040	53-H	Shade 10	50
0752-0041	53-H	Shade 11	50
0752-0042	53-H	Shade 12	50
0752-0043	53-H	Shade 13	50
0752-0044	53-H	Shade 14	50
2" x 4-1/4" Plates - Clear, Cover			
0752-0049	54	Glass	50
2" x 4 1/4" Plates - Clear, Safety/Cover			
0752-0151	54-PC	Polycarbonate	50

Part No.	Model No.	Description	Per Carton
2" x 4-1/4" Plates - Plastic Magnifying			
0752-0063	98	Focal #1.00	6
0752-0064	98	Focal #1.25	6
0752-0065	98	Focal #1.50	6
0752-0066	98	Focal #1.75	6
0752-0067	98	Focal #2.00	6
0752-0069	98	Focal #2.50	6
4-1/2" x 5-1/4" Plates - Hardened Glass			
0752-0081	95-H	Shade 9	25
0752-0082	95-H	Shade 10	25
0752-0083	95-H	Shade 11	25
0752-0084	95-H	Shade 12	25
0752-0085	95-H	Shade 13	25
4-1/2" x 5-1/4" Plates - Polycarbonate			
0752-0282	95-PC	Shade 10	25
4-1/2" x 5-1/4" Plates - Clear, Safety/Cover			
0752-0161	97-PC	Polycarbonate	25
Snugside Goggle Lenses - Plastic			
0752-0087	JP-PC	Clear	24

Jackson® Lenses and Plates

Jackson has a large selection of top-quality lenses (round) and plates (rectangular) to fit protective goggles and welding helmets. Lenses and plates are of hardened glass. To prevent surface damage to welding lenses or plates, cover lenses or plates (in either glass or plastic) should be worn over them. Be sure to use the correct filter shade for the job. Note: Lens shades may not be combined, i.e., you cannot use two shade 5 lenses to get a shade 10.

Round Lenses

Hardened filter lenses, 50 mm diameter, for use in twin lens goggles, come in shade 5. They are the same lenses supplied as original equipment in Jackson twin-lens goggles.



Rectangular Plates

Hardened filter plates, 2" x 4-1/4", are for use in goggles and helmets. They are made in green filter shades 5 through 14. A clear polycarbonate safety plate, 2" x 4-1/4" inches, is offered for lift-front helmets and goggles, for protection when chipping welds with the helmet front lifted. Large filter plates, 4-1/2" x 5-1/4" are available for large lens welding helmets.



All hardened rectangular glass filter plates feature pencil edging. This produces an extremely smooth, clean edge that also eliminates stress flaws. Clear cover plates of polycarbonate are used over filter plates to prevent pitting.

Magnifying Plates

Welding magnifier plates, 2" x 4-1/4" inches, are used for better short-range vision. Cast plastic, in seven numbers (marked on plates) to meet individual requirements. Available in Focal Numbers 1.00, 1.25, 1.50, 1.75, 2.00, 2.25 and 2.50. (The higher the Focal No., the greater the magnification power.)

Welding Cartridges

Solera Lens

The new era of solar powered auto darkening filters.

- Switching speed of 0.8 milliseconds.
- Two polar panels.
- Two sensors.
- Two year warranty.

Part No. 30090



981P with Solera
Part No. 25049

Turbo™ Lens

- Cartridge available with adapters to fit in 4 x 5 and 5 x 4 helmet configurations.
- Switching speed of .08 milliseconds.
- Sensitivity and delay adjustments.
- Variable shade 9-12.
- Clear state of 4.0
- Two sensors
- Two year warranty.

Part No. 30107



Huntsman® AutoView® Takes Welding Lens Filter Technology Out of the Dark Ages

AutoView® filters allow you to leave your helmet down and your protection in place. When you're not welding, they stay at a light-fixed shade for good visibility. AutoView® filters automatically darken in less than 1/25,000 of a second. Four sensors at separate points on the lens increase your ability to weld around obstacles, making it possible to move your head side to side or up and down without lens flutter. After 20 minutes without an arc, it shuts off automatically. Ideal for light duty welding.

AutoView® with 4 sensors 1105VXL 4 x 4

Fits all Huntsman® Big Window® and most manufacturer's large window helmets.

- 2.4" x 3.8" viewing area.
- Infinitely adjustable 9 to 12 dark shade.
- Delay control for different types of welding.
- Dark to light delay of 0.1 to .25 of a second.
- Sensitivity adjustment for low amp TIG to sunlight.
- Item has 4 sensors
- Operates on 2 AAA alkaline batteries.

Part No. 33097



AutoView® 1100IVXL

Same features as VXL, includes special brackets to fit most Big Window® helmets. Fits all Huntsman® Big Window® and most manufacturer's large window helmets.

- Dark to light delay of 0.1 to .25 of a second.
- Sensitivity adjustment for low amp TIG to sunlight.
- 2 sensors
- Operates on two AAA alkaline batteries.

Part No. 30089



951P with AutoView® 1105VXL

Part No. 25140



AutoView® 1105VLS

- Dark shade adjustable from 9 to 12.
- Dark to light delay of 0.1 to .25 of a second.
- Sensitivity adjustment for low amp TIG to sunlight.
- 2 sensors
- Operates on 2 AAA alkaline batteries.

Part No. 33098



AutoView® 1105VS

- Clear state of 4.0, with a dark shade adjustable from 9 to 12.
- Dark to light delay of 0.1 to .25 of a second.
- Sensitivity adjustment for low amp TIG to sunlight.
- 2 sensors and operates on 2 AAA alkaline batteries.

Part No. 33099



AutoView® Basic

2" x 4 1/4" Basic is our most affordable AutoView® filter.

Fits Huntsman® Model 111P, 411P, and 911P helmets made since April, 1994.

1100BVL Variable Shade

- Operates on two AAA batteries.
- Clear state is shade 3.0.

Part No. 30085



1105BL Shade 10

- Operates on two AAA batteries.
- Clear state is shade 3.0.

Part No. 30100



911P with AutoView® 1100BL

Part No. 25142

HUNTSMAN

Cover Lenses

Item No.	Part No.	Size	Material	Type	Standard Packing
40089	339	2" x 4-1/4"	Thermally set plastic	Cover lens	50/box
40093	339-L	4-1/2" x 5-1/4"	Thermally set plastic	Cover lens	1/box

Safety Plates

Item No.	Part No.	Size	Material	Type	Standard Packing
40015	235-6	4-1/2" x 5-1/4"	.060" Polycarbonate	Safety/cover lens	50/box
40168	435-6	2" x 4-1/4"	.060" Polycarbonate	Safety/cover lens	50/box

Filter Lenses

Item No.	Part No.	Size	Material	Special	Standard Packing
40031	427 SH. 6	2" x 4-1/4"	Polycarbonate	High impact resistance	25/box
40033	427 SH. 8	2" x 4-1/4"	Polycarbonate	High impact resistance	25/box
40037	427 SH. 10	2" x 4 1/4"	Polycarbonate	High impact resistance	25/box
40059	1127 SH. 10	4-1/2" x 5-1/4"	Polycarbonate	Conforms to Federal specs	1/box
40061	1127 SH. 12	4-1/2" x 5-1/4"	Polycarbonate	Conforms to Federal specs	1/box
40156	1227 SH. 4	50 mm	Polycarbonate	Fits 50 mm lens holders	25/box
40157	1227 SH. 5	50 mm	Polycarbonate	Fits 50 mm lens holders	25/box
40158	1227 SH. 6	50 mm	Polycarbonate	Fits 50 mm lens holders	25/box

* Caution for glass filter lenses 327/1027: Glass filter plates are Class B lenses and DO NOT meet high mass or high velocity impact requirements. Risk of injury including, but not limited to, the eyes and face is substantially greater when using glass filter plates. Polycarbonate filter plates provide superior impact protection and are safer to ship, store and handle.

PROTECT YOURSELF
with
Comfort **Jackets!**

Part No. 710-1

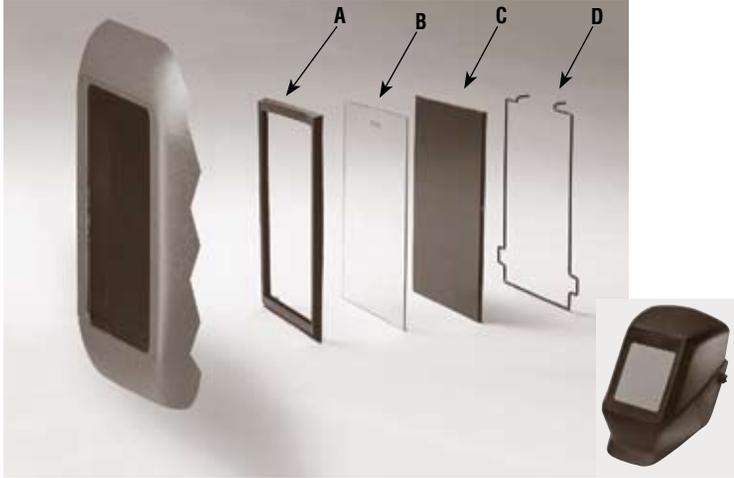
Part No. 940-1

Parts Breakdown

Helmet Replacement Parts

HSL-100

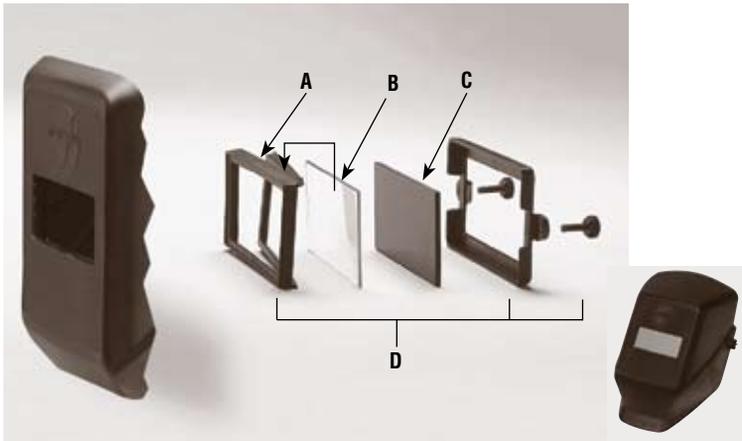
Part No. 0744-0504



Item	Part No.	Description
A	0745-0045	251 light seal gasket
B	0752-0161	97-PC safety plate
C	40059	1127 filter lens, shade 10 polycarbonate
D	0745-0031	853 retainer spring
Not Shown		
	0745-0073	270-S headgear
	0743-0010	170 headgear
	0745-0001	187-S mounting blade kit
	0745-0029	98-3 large window mag lens holder

HSL-1

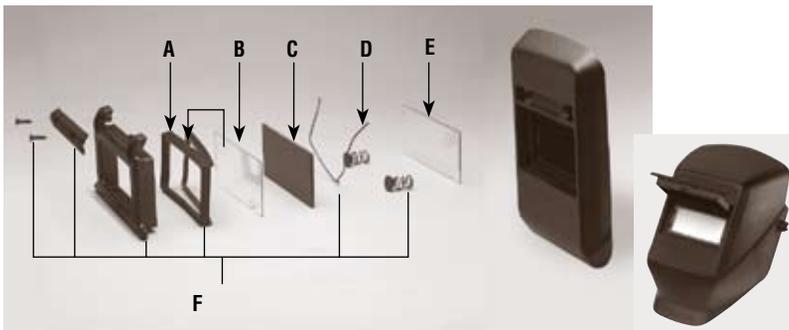
Part No. 0744-0512



Item	Part No.	Description
A	0745-0036	224 light seal gasket
B	0752-0151	54-PC safety plate
C	40037	427 filter lens, shade 10 polycarbonate
D	0745-0017	Lens retainer kit
Not Shown		
	0745-0073	270-S headgear
	0745-0001	187-S mounting blade kit
	0745-0028	Journeyman replacement screws

HSL-2

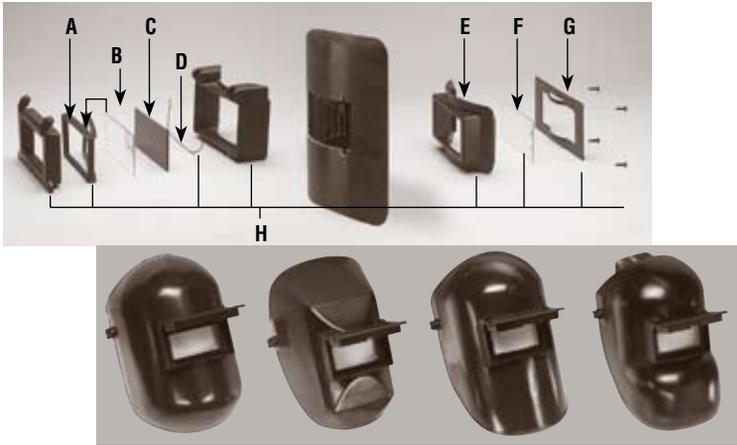
Part No. 0744-0516



Item	Part No.	Description
A	0745-0036	224 Light seal gasket
B	0752-0151	54-PC safety plate
C	40037	427 filter lens, shade 10 polycarbonate
D	0745-0013	63 retainer spring
E	0752-0151	54-PC safety plate
F	0745-0018	HSL-2 lift-front kit
Not Shown		
	0745-0073	270-S headgear
	0745-0001	187-S mounting blade kit

H2A, H4A, H9A & HR2A

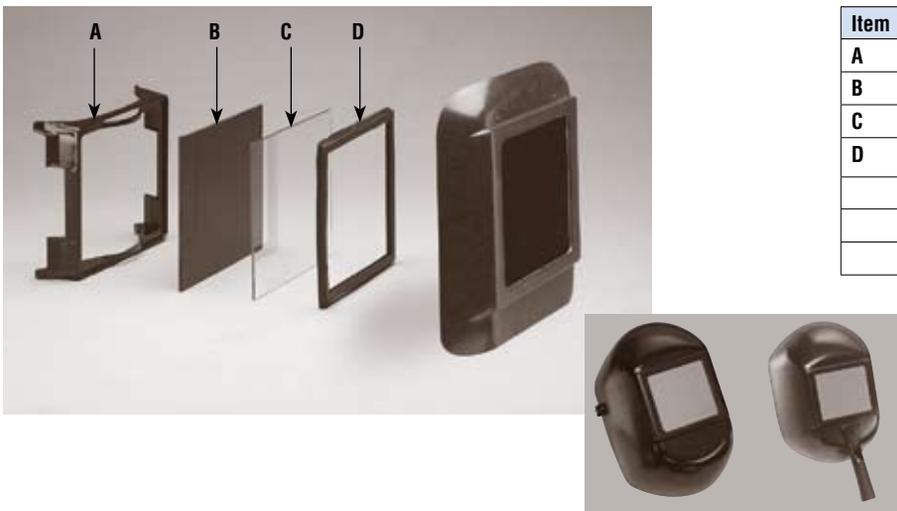
Part No. 0744-0004 Part No. 0744-0012
Part No. 0744-0009 Part No. 0744-0069



Item	Part No.	Description
A	0745-0036	224 light seal gasket
B	0752-0151	54-PC safety plate
C	40037	427 filter lens, shade 10 polycarbonate
D	0745-0013	63 retainer spring
E	0745-0034	66-7 inner lens retainer
F	0752-0151	54-PC safety plate
G	0745-0006	58 retainer spring
H	0745-0005	66 lift-front unit
Not Shown		
	0743-0010	170 headgear
	0745-0025	187-K mounting blade kit

H100 & H500

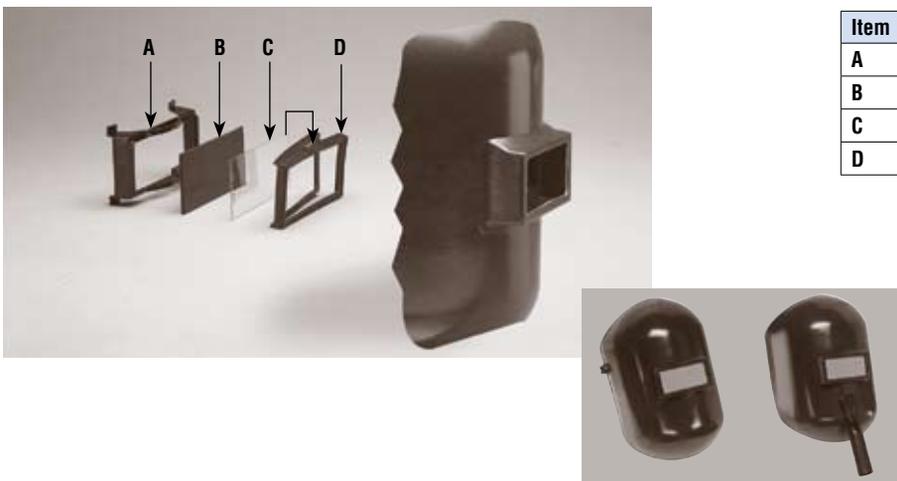
Part No. 0744-0001 Part No. 0744-0016



Item	Part No.	Description
A	0745-0010	200-5P large lens spring
B	40059	1127 filter lens, shade 10 polycarbonate
C	0752-0161	97-PC safety plate
D	0745-0045	251 light seal gasket
Not Shown		
	0743-0010	170 headgear
	0745-0025	187-K mounting blade kit

HM1A & HM5

Part No. 0744-0005 Part No. 0744-0037

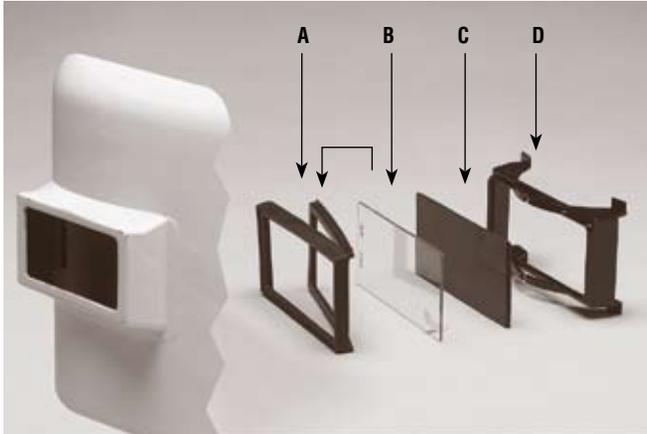


Item	Part No.	Description
A	0745-0009	258 lens spring
B	40037	427 filter lens, shade 10 polycarbonate
C	0752-0151	54-PC safety plate
D	0745-0036	224 light seal gasket
Not Shown		
	0743-0010	170 headgear
	0745-0025	187-K mounting blade kit

Parts Breakdown

HM-1-PW

Part No. 0744-0081



Item	Part No.	Description
A	0745-0036	224 light seal gasket
B	0752-0151	54-PC safety plate
C	3000645	427 filter lens, shade 10 polycarbonate
D	0745-0009	258 lens spring
Not Shown		
	0745-0047	170-P headgear
	0745-0025	187-K mounting blade kit

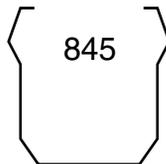
Welding Helmet Springs

Over the years there have been several revisions of the metal bail spring. This spring is used to hold EQC's and glass filter plates in the large window welding helmets. Here is the spring evolution:

845

Used in all HSL-100 helmets to retain glass lenses until June 1996. Can be used to retain the latest "Safety Lok" design EQC's in all HSL-100's prior to June 1996. These helmets do not have the three tabs on the inside of the lens opening.

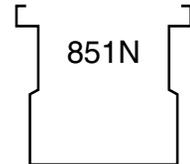
Part No. 0745-0042



851N

Holds the second version EQC®. Cross wire was eliminated due to the addition of two small retaining tabs on the EQC cassette.

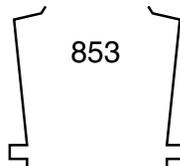
Part No. 0745-0049



853

Current spring used to retain glass in the HSL-100 helmet, (an alternative spring for HPL-100 helmet) and Morsafe 592 helmet since June 1996. Both of these helmets have the three tabs used to secure the Safety Lok EQC®.

Part No. 0745-0031



Purified Air System / Safety Goggles / Visors

Shadowaire II™

The Shadowaire II™ provides comfort while protecting you from the harsh work environment. Shadowaire II™ is the latest technology in powered air purifying systems designed to protect against certain dusts, mists and fumes.

All Shadowaire II™ units come ready-to-work and include the following:

- Helmet and Lens.
- Protective Face Seal.
- Complete Blower Unit.
- Pack of Three P3 Filters.
- NiMH Battery and Charger.
- Breathing Hose and Air Flow Indicator.



Part No. 0744-1024

Part No.	Description
two - 4 hour batteries	
0744-1024	with fixed lens – 4" x 5"
0744-1026	with EQC Executive V HTLS
0744-1027	with EQC Professional V
0744-1028	with EQC Master 3N1
0744-1045	with EQC NexGen
8 hr. battery	
0744-1050	with EQC NexGen

- Sleek plenum design allows for more head room and attaches to helmet instead of headgear for comfort
- Positive pressure supplies a continuous flow of filtered air
- Drawstring closure allows comfortable custom fit
- No fit testing required
- Flame-retardant face seal provides full head coverage
- Available with Jackson EQC's – the latest in auto-darkening technology
- The NiMH battery has no memory retention and is approximately 40% lighter than the NiCad battery
- Smart Charger provides fast, reliable battery charging
- Environmentally-friendly battery disposal
- Flame-retardant and crush-resistant hose – the ONLY one in the industry
- Airflow exceeds the NIOSH standard by over 25%
- Welding Helmet bag for carry and storage included
- Protects against radionuclides, asbestos and other dusts, mists and fumes with time weighted averages less than 0.05 milligrams per cubic meter
- Meets OSHA Requirements
- NIOSH approved

- Audible alarm for low battery and low airflow
- Adjustable belt with lumbar support
- Lightweight and portable unit
- Includes industrial strength fan
- Long filter life
- Full 1 year warranty on blower unit

The following limitations apply to ALL Shadowaire Systems:
NOT for use in atmospheres Immediately Dangerous to Life or Health (IDLH);
NOT for use in atmospheres containing less than 19.5% oxygen;
NOT evaluated as an ignition source in flammable or explosive atmospheres by MSHA/NIOSH.
NOT to be worn as protection against gases or vapors.
 Use only at work rates consistent with the maintenance of positive pressure within the respiratory inlet covering. These have shown that a work rate requiring a minute volume of no more than (40) liters per minute does not affect the positive pressure of the respiratory inlet covering. Personnel working in environments requiring minute volumes greater than forty (40) liters per minute should be checked for positive pressures at that work rate using fit-test technologies.

Safety Goggles The Shield™

- Full face protection which detaches from goggle.
- Curved faceshield conforms to shape of face offering better protection.
- Provides dust, splash and impact protection.
- Polycarbonate shield for long lasting protection, compact in size is ideal for storage and work in confined space.
- Can be worn with safety cap.
- Anti-fog lenses.
- 3.0 and 5.0 models feature flame retardant headband.



Part No. 3010343



Part No. 3010345

Part No.	Description
3010343*	Blue frame, clear lens
3010345	Black frame, IRUV 3.0 lens
3010346	Black frame, IRUV 5.0
Replacement Headband (fire retardant)	
3010352	25/pkg

*This lens configuration is not to be used for welding applications.

Sightshield

- Hooded vents for dust, impact and splash protection
- Clear frame color
- Clear lens

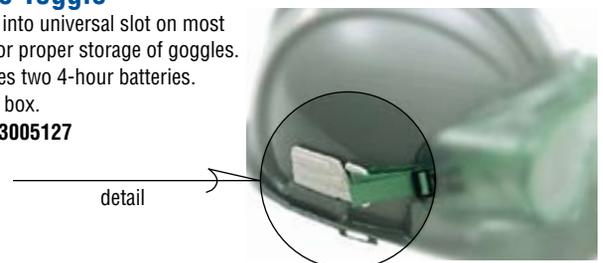
Part No. 0746-0045



Goggle Toggle

- Snaps into universal slot on most caps for proper storage of goggles.
- Includes two 4-hour batteries.
- 50 per box.

Part No. 3005127



detail

Safety Caps and Hats

Protective Caps: Applications and Safety

Read this section completely before selecting your Jackson protective caps. Protective caps do not provide unlimited head protection.

Jackson offers a complete line of head protection—from safety caps and hats to bump caps in a wide selection of colors, slotted and non-slotted designs and suspension options. Slotted caps allow flexibility in attachments such as faceshields, welding helmets equipped with mounting blades* and hearing protectors. Chin straps are available for all models. All safety hats and caps comply with ANSI Z89.1 standards. *Bump cap not included.

WARNING: Jackson products are tested to meet the standards of the American National Standards Institute* (ANSI) and other applicable standards. All warning statements, operating instructions and industry standards should be complied with at all times. Please read any and all warning statements attached to or associated with any Jackson product prior to use. Failure to use only Jackson designed, produced and tested components, attachments and replacement parts can adversely affect product performance resulting in serious injury. Installing generic parts or components voids all standards, compliances, all guarantees and warranties and make the installer solely liable for the consequences.

Safety Cap Imprinting Program

Jackson Products offers our customers the option to imprint their company name and/or logo on safety caps using the pad printing method. This permanent, low-cost printing process provides an attractive method for personalizing safety caps.

Imprints can be positioned on the front, back and/or either side of the cap. Finished camera-ready artwork (including color separations for multi-colors) should be provided. If Jackson must work from printed material or make alterations in design or wording, additional art changes will apply. The quality of the finished imprint is dependent on the quality of artwork provided. Contact Customer Service for further details. Allow for 10% over-run. Dies remain property of Jackson.

Custom imprinting colors available for additional charge and a minimum quantity of 144.

Imprinting services available with minimum quantity of 72.

Imprint Area: Full Brim - 3" W x 1-1/2" H or 1-1/2" Diameter.
All others - 3" W x 2-3/4" H or 2-3/4" Diameter.

Safety Caps and Hats

SC3

Type 1, Class G, E & C

- Non-slotted design constructed of durable but lightweight dielectric plastic with impact absorbing design.
- Excellent for general overhead protection.
- Deep nape strap and soft, absorbent cloth sweatband for a firm, comfortable fit.
- Ratchet suspension (391)
- Packed 12/carton



Part No.	Description
0740-0351	Yellow
0740-0352	White
0740-0354	Green
0740-0355	Blue
0740-0356	Orange
0740-0357	Red
0740-0358	Gray
0740-8203	White Visitor
0741-0003	391 replacement suspension

SC6

Type 1, Class G, E & C

- Slotted design constructed of durable but lightweight dielectric plastic with impact absorbing design.
- Deep nape strap and soft, absorbent cloth sweatband for a firm, comfortable fit.
- Available with standard (491) or ratchet suspension (391)
- Packed 12/carton



Part No. w/391	Part No. w/491	Description
0740-0441	0740-0241	Yellow
0740-0442	0740-0242	White
0740-0444	0740-0244	Green
0740-0445	0740-0245	Blue
0740-0446	0740-0246	Orange
0740-0447	0740-0247	Red
0740-0448	0740-0248	Gray
0741-0003	0741-0021	Replacement suspension

SC16

Type 1, Class G & C

- Slotted design constructed of fiberglass material with impact absorbing design.
- Deep nape strap and soft, absorbent cloth sweatband for a firm, comfortable fit.
- Typically used for high heat applications.
- Ratchet suspension (391)
- Packed 12/carton



Part No.	Description
0740-0411	Yellow
0740-0412	White
0740-0415	Blue
0741-0003	391 replacement suspension

SB6 Stubby

Type 1, Class G, E & C

- Slotted design constructed of durable but lightweight dielectric plastic.
- Short billed, impact absorbing design.
- Deep nape strap and soft, absorbent cloth sweatband for a firm, comfortable fit.
- Can be worn in bill forward position with a welding helmet while meeting ANSI standards.
- Ratchet suspension (391)
- Packed 12/carton



Part No.	Description
0740-0081	Yellow
0740-0082	White
0740-0084	Green
0740-0085	Blue
0740-0086	Orange
0740-0087	Red
0740-0088	Gray
0741-0003	391 replacement suspension

Blockhead™

Type 1, Class G, E & C

- Full brim provides protection from UV rays on ears and back of neck.
- Smooth dome look.
- Comfortable 8 point ratchet suspension (891) with nylon web and cloth sweatband.
- 8 point nylon suspension offers protection and comfort with a more secure fit.
- Meets ANSI Z89.1 2003.



Part No.	Description
3014875	Yellow
3014874	White
3014902	Green
3014876	Blue
3014877	Orange
3014878	Red
3014982	Hi Viz Orange
3014879	891 replacement suspension

HUNTSMAN

Charger™

Type 1, Class G, E & C

- Short peak design allows for greater upward vision.
- Sleek contoured design maximizes protection while maintaining a low profile.
- Low nape strap, rain trough
- Universal slots allow easy attachment of hearing, welding and faceshield accessories.
- Comfortable 4 point nylon ratchet or pinlock suspension with cloth sweatband.
- Fits head sizes 6-1/2 - 8.
- Meets ANSI Z89.1 2003.



Part No.		Description
Ratchet (4pt)	Pinlock (4pt)	
3013362	3013374	White
3013363	3013375	Blue
3013364	3013376	Red
3013365	3013377	Hi Viz Orange
3013366	3013378	Lime
3013367	3013379	Gray
3013368	3013380	Orange
3013369	3013381	Green
3013370	3013382	Yellow
3013403	3014572	Replacement suspension
Vented Charger™		
3013392		White
3013393		Blue
3013394		Red
3013398		Orange
3013400		Yellow
3013403		Replacement suspension

Charger™ Vented Safety Cap

Type 1, Class C

- 12 cooling vents provide the maximum in air circulation for comfort.
- Short peak design allows for greater upward vision.
- Universal slots for hearing, welding and visor accessories.
- Low nape strap, rain trough.
- Meets ANSI Z89.1 2003

BC-100 Bump Cap

- Bump caps are designed to protect workers from hazards that can inflict painful bumps and lacerations (Do not use to protect against falling objects).
- Recommended where safety caps are not required.
- 4 point adjustable plastic suspension for easy sizing and precise fit.
- Cloth sweatband wipes away moisture to keep wearer cool.
- Ideal for food processing, automobile repair, warehousing operations, high pressure wash and splash situations. (with visor attachment).
- Visor attachment system enables the use of a clear PETG visor to cap for increased facial protection (visor sold separately).
- 199 Bump Cap Suspension
- Packed 12/carton



Part No.		Description
Cap	Cap w/Attachment	
0740-0151	3012333	Yellow
0740-0152	3012332	White
0740-0154	3012335	Green
0740-0155	3012334	Blue
0740-0156	3012337	Orange
0740-0157	3012336	Red
0740-0158	3012339	Gray
0741-0020	3002432	199 Replacement suspension
Visor (clear) for Bump Cap w/Attachment		
	3005392	Visor PETG 6 x 15.5 x .040"
	3005391	Visor PETG 8 x 15.5 x .040"

Note: Bump Cars do not meet ANSI Z89.1 standards and are not to be worn for protection from impact of falling or glancing objects.

Safety Caps, Hats and Accessories

Sentry III

Type 1, Class G, E & C

- Universal slots connect to hearing, welding and visor accessories.
- Available with ratchet or pinlock suspension.
- 6pt nylon suspension with cloth sweatband.
- Meet ANSI Z89.1 standards.



Part No. 3000060

Part No.		Description
Ratchet (6 pt)	Pinlock (6 pt)	
3000061	3000060	Yellow
3000064	3000063	White
3000067	3000066	Gray
3000070	3000069	Green
3000072	3000071	Blue
3000075	3000074	Red
3000078	3000077	Orange
3000085	3000084	Hi-Viz Orange
3000204	3000203	Lime
3000206	3000205	Sky Blue
3000095	3000094	Replacement suspension

Western Outlaw Hard Hat

Type 1, Class G, E & C

- Wide brim for protection from harmful UV rays
- Stylish, comfortable and fits all head sizes
- 4 point ratchet suspension
- Excellent protection against sun, rain, heat and glare
- Smith & Wesson logo'd hat with Americana hat band available.
- Meet ANSI Z89.1 standards



Part No. 3013273

Part No.	Color
3010943	White
3007313	Black
3010944	Tan
3010945	Gray
3013273	Smith & Wesson Tan
3013274	Smith & Wesson Gray
3010979	4pt suspension

Suspensions and Accessories for Hard Hats

891 Ratchet Suspension

- 8 point nylon suspension offers protection and comfort with a more secure fit.
- Adjustable ratchet suspension
- Includes a nylon web and absorbent sweatband.
- For use with Blockhead safety hat.

Part No. 3014879



491 Snug-Fit

- Highly efficient suspension system, standard headgear with woven nylon crown straps, sewn in vinyl cushion across the forehead.
- Adjusts to 13 head sizes (6-1/2" to 8", by eighths) and has 2 vertical adjustment options for crown height.
- Headband designed to hold goggle straps.

Part No. 0741-0021



391 Head Hugger-Ratchet

- Ratchet headgear provides over 30 adjustments for comfortable fit without removing headgear.
- One piece nylon headband with woven nylon crown headstraps, forehead cushion and two crown height adjustments.
- Firm secure fit makes the 391 valuable in caps carrying mounted accessories.

Part No. 0741-0003



199 Bump Cap Suspension

- Adjusts to 13 head sizes, plus 3 crown heights.
- Goggles can be carried by the bump cap suspension through the use of retainers on the suspension headband.
- Dual point sizing provides uniform sizing and weight is centered.

Part No. 0741-0020



Cloth sweatband for 391 suspension

Part No. 0743-0020

691 Adjust Nape Strap

The same adjustment mechanism used on the 391 suspension is offered as a separate nape strap.

- Snaps onto Jackson 291 Triple Crown Caps.
- Pivots to match head shape
- Adjusts to a firm fit while being worn.

Part No. 0741-0019

Face Shields: Applications and Safety

Read this section completely before selecting your Jackson face shield. Face shields do not provide unlimited face and eye protection

Face shields provide face and supplementary eye protection against light impact such as small particles or dust, splash from non-hazardous liquids, glare (tinted shades only), and moderate heat. They are effective against sparks and small clippings, sand, metal machining chips, spot-welding, non-injurious liquids, moderate heat sources and similar applications.

Face shields are not unbreakable. They will not protect against severe impact hazards such as, but not limited to, fragmenting grinding wheels or abrasive discs, explosive devices, corrosive liquids, molten metal, ultra-violet (arc) or infrared (arc and high heat) radiation. Machine guards, eye-conforming splash protection, filter

lenses or other suitable means must be used for these hazards. Impact-resistant or splash-resistant eye protection must always be worn in addition to face shields. Filter lenses must be worn where injurious ray hazards exist.

Pitted or scratched visors reduce vision and seriously reduce impact protection—they should be immediately replaced. Inspect frequently and immediately replace worn or damaged parts. Clean only with mild soap and lukewarm water. Do not use solvents.

For further information, see American National Standards Institute Standard Z87.1 available from the American National Standards Institute, 1430 Broadway, New York, NY 10018. JACKSON RECOMMENDS .060 POLYCARBONATE WINDOWS

Face Shields

- Available in Polycarbonate, Propionate, Acetate and APCP™.
- Larger sizes provide additional protection from top, bottom and sides.
- Excellent with the Jackson 170-SB headgear.
- All Jackson faceshields meet or exceed ANSI Z87.1 standards for secondary eye protection. Primary eye protection (safety spectacles) required with use of these products in accordance with ANSI Z87.1.



Polycarbonate

- Optical-grade, .060" thick polycarbonate from extruded sheets or injection molded resin provides superior secondary impact protection and increased scratch resistance.
- Available molded or flat.
- Clear, IR/UV 3.0, IR/UV 5.0
- 15.5" x 8"

Propionate

- Injection molded, .060" thick propionate offers outstanding impact resistance and distortion-free optics.
- Clear, dark green
- 12" x 8" and 15.5" x 9"

Acetate

- High-grade cast sheet acetate available in .040" and .060" thickness protects against dust, small particles, and chemical splash.
- Available aluminum bound and unbound.
- Clear, light green, dark green.
- Various sizes from 12" x 6" to 19.5" x 9"

APCP™

- .040 thick copolyester based resin offers lightweight comfort and economic protection.
- Low haze and high gloss optics.
- Available aluminum bound and unbound.
- Clear
- 12" x 8" and 15.5" x 9"

39 Fibre

- Mounts to faceshield headgear or adapter.
- Lightweight
- Holds 2" x 4.25" filter plate.
- Ideal for gas welding vs. a goggle.

40-Mesh Black Steel Screen

- Not intended for impact protection.
- Apply over a faceshield to dissipate heat, preventing visor from warping in high heat applications.

Face Shield Selector Chart

Part No.	Face Shield Window	Color	Binding	Dimensions	Quantity per Carton
Polycarbonate					
0754-0415	34-60-PC	Clear (Molded)	U	15.5" x 8" .060	12
0754-0034	34-63 IR/UV 3.0		U	15.5" x 8" .060	12
0754-0031	34-65 IR/UV 5.0		U	15.5" x 8" .060	12
Propionate					
0754-0205	812-60	Clear	U	12" x 8" x .060	12
0754-9990	812-60	Clear (Bulk)	U	12" x 8" x .060	50
0754-0208	812-63	Dark Green	U	12" x 8" x .060	12
0754-0215	915-60	Clear	U	15.5" x 9" x .060	12
0754-9988	915-60	Clear (Bulk)	U	15.5" x 9" x .060	50
0754-0218	915-63	Dark Green	U	15.5" x 9" x .060	12
Acetate					
0754-0017	6040	Clear	B	12" x 6" x .040	12
0754-0036	6042	Dark Green	B	12" x 6" x .040	12
0754-0018	8040	Clear	B	12" x 8" x .040	24
0754-9994	8040	Clear (Bulk)	B	12" x 8" x .040	50
0754-0118	8040-U	Clear	U	12" x 8" x .040	12
0754-0037	8041	Light Green	B	12" x 8" x .040	12
0754-0038	8042	Dark Green	B	12" x 8" x .040	12
0754-9993	8042	Dark Green (Bulk)	B	12" x 8" x .040	50
0754-0029	34-40	Clear	B	15.5" x 9" x .040	24
0754-9996	34-40	Clear (Bulk)	B	15.5" x 9" x .040	50
0754-0129	34-40-U	Clear	U	15.5" x 9" x .040	12
0754-0039	34-41	Light Green	B	15.5" x 9" x .040	12
0754-0040	34-42	Dark Green	B	15.5" x 9" x .040	24
0754-9992	34-42	Dark Green (Bulk)	B	15.5" x 9" x .040	50
0754-0132	1940-U	Clear	U	19.5" x 9" x .040	12
0754-0020	8060	Clear	B	12" x 8" x .060	12
0754-0030	34-60	Clear	B	15.5" x 9" x .060	12
APCP™					
0754-0049	8040-AP	Clear (Bulk)	B	12" x 8" x .040	50
0754-0047	34-40-AP	Clear (Bulk)	B	15.5" x 9" x .040	50
0754-9977	34-40-AP-U	Clear (Bulk)	U	15.5" x 9" x .040	50
39 Fibre					
0754-0032	39 - Fibre	Filter Plate Holder	U	12" x 6.5"	12
Black Mesh Steel Screen					
0754-0033	40 - Large		B	15.5" x 9"	12

U=Unbound

B=Aluminum Bound

Faceshields and Brackets

Safety Cap Attachment Chart

Blockhead™

SB 6

SC 3

HUNTSMAN
Charger™

SC 6/16



Cap Shields

For Bill Forward Wear

- All plastic, totally dielectric device for slotted caps.
- Curved plastic channel fits over the bill of the cap and includes pivoting blades which snap easily into cap slots.
- Visors are secured with integral plastic lugs.

Part No. 0742-0037- 437 Capshield (Blade Mount)



- Totally dielectric device for non-slotted caps.
- Includes a curved plastic channel that fits over the bill and secured with adjustable rubber headband that stretches around the exterior cap crown.
- Visors are secured with integral plastic lugs.

Part No. 0742-0036 - 337 Capshield



- Front mounted version of the 182B.
- Curved aluminum channel and coil spring attachment.
- Not to be used with caps with slots.

Part No. 0742-0049- 137 Capshield



- Curved aluminum channel and coil spring attachment.
- Allows for attachment of any Jackson visor to protective hat.

Part No. 0742-0035- 37 Hatshield



Cap Adapters

With Polyethylene Spark Deflector

- Easiest, least costly adapter.
- Mounts visors to slotted caps.
- Includes an integral spark deflector and pivoting blades.

Part No. 0742-0025- 382 B Cap Adapter



- Mounts visor instantly on a wide variety of caps with integral plastic lugs
- Uses clips pressed over the cap rim for firm fit; removes with thumb pressure.
- Not to be used with caps with slots or caps with rain troughs.

Part No. 0742-0024- 282 B Capmount Adapter

Part No. 0742-9991- Bulk = 40/ctn.



- Permits the attachment of any visor spark deflector combination to any non-slotted cap.
- Not recommended for use with caps with slots.

Part No. 0742-0023- 182 B Capmount Adapter



- Quick detach brackets that join any visor and spark deflector with plastic pins to any cap equipped with #87 mounting blades.

Part No. 0742-0022- 82 B Capmount Adapter

Part No. 0742-0099- 82 BM Capmount Adapter (with metal pins)



* Bill backwards

** Can be worn forward or backward

HUNTSMAN

Visors

Faceshields (windows) are available in four different plastic materials to allow you to choose the visor that is right for your job. Screen visors are available in 20-mesh steel or 40-mesh brass. Visors are contoured to fit headgears or brackets unless otherwise indicated.

Schedule "A" Visors (windows)

Fits Huntsman® K, K-4, K-10, Glendale™, Jackson®, Sellstrom®.

Part No.	Item No.	Size	Material	Binding	Std. Packaging
15012	8124	8" x 12" x .040"	clear acetate	aluminum	24/box
15085	8124 Bulk	8" x 12" x .040"	clear acetate	aluminum	50/box
15037	8124L	8" x 12" x .040"	clear acetate	none	24/box
15013	8124M	8" x 12" x .040"	medium green acetate	aluminum	24/box
15014	8124D	8" x 12" x .040"	dark green acetate	aluminum	24/box
15016	8126	8" x 12" x .060"	clear acetate	aluminum	24/box

Schedule "B" Visors (windows)

Fits Huntsman® K, K-4, K-10, Glendale™, Fibre-Metal®, Jackson® headgear, Huntsman® C, H, P, 8100 BRC, 8100 BRS, Jackson®, Bullard® and AO® H-15 safety cap attachments.



Part No 15051



Part No. 15032

Part No.	Item No.	Size	Material	Binding	Std Packaging
15023	6154	6" x 15.5" x .040"	clear acetate	aluminum	24/box
15026	8154	8" x 15.5" x .040"	clear acetate	aluminum	24/box
15088	8154 Bulk	8" x 15.5" x .040"	clear acetate	aluminum	75/box
15033	8154L	8" x 15.5" x .040"	clear acetate	none	24/box
15057	8154PLF	8" x 15.5" x .040"	clear polycarbonate	none	24/box
15027	8154M	8" x 15.5" x .040"	medium green acetate	aluminum	24/box
15035	8154MLF	8" x 15.5" x .040"	medium green acetate	aluminum	24/box
15028	8154D	8" x 15.5" x .040"	dark green acetate	aluminum	24/box
15089	8154D Bulk	8" x 15.5" x .040"	dark green acetate	aluminum	75/box
15036	8154DLF	8" x 15.5" x .040"	dark green acetate	none	24/box
15030	8156	8" x 15.5" x .060"	clear acetate	aluminum	24/box
15139	8156PP	8" x 15.5" x .060"	clear propionate	none	24/box
15069	8156M	8" x 15.5" x .060"	medium green acetate	aluminum	24/box
15039	H9154	9" x 15.5" x .040"	clear acetate	aluminum	24/box
15090	H9154 Bulk	9" x 15.5" x .040"	clear acetate	aluminum	75/box
15040	H9154M	9" x 15.5" x .040"	medium green acetate	aluminum	24/box
15041	H9154D	9" x 15.5" x .040"	dark green acetate	aluminum	24/box
15091	H9154D Bulk	9" x 15.5" x .040"	dark green acetate	aluminum	75/box
15092	H9156-5	8" x 15.5" x .060"	shade 5 propionate	molded	12/box
15051	H9194	9" x 19" x .040"	clear acetate	none	24/box
15095	10206GD	10" x 20" x .060"	gold polycarbonate	molded	1/box
15094	10206S	10" x 20" x .060"	silver polycarbonate	molded	1/box
15032	815WS	8" x 15.5" x 20 mesh	black steel screen	aluminum	12/box
22029	9154 CHIN	9" x 15.5" x .040"	clear acetate	none	24/box
15076	9204 CHIN	9" x 20" x .040"	clear acetate	none	24/box

Schedule "C" Visors

Fits Huntsman® headgears and brackets.

Part No.	Item No.	Size	Material	Binding	Std. Packaging
15084	8154PETGLF	8" x 15.5" x .040"	PETG	none	100/box

Schedule "F" Visors (windows)

Fits Huntsman® Models K, K-4, K-10, Glendale™, Jackson®, Sellstrom® and Fibre Metal® Headgear.

Fits Huntsman® Models C, H, P, 8100 BRC, 8100 BRS, Jackson®, Bullard® and AO® H15 Safety Cap Attachments.

Part No.	Item No.	Size	Material	Binding	Std. Packaging
15133	8156P	8" x 15.5" x .060"	clear polycarbonate	molded	24/box
15137	10206P	10" x 20" x .060"	clear polycarbonate	molded	24/box
15141	10206PPP	10" x 20" x .060"	clear propionate	molded	24/box



Faceshields and Brackets

Headgear **HUNTSMAN**

117A Headgear

- Plastic headgear that fits all Huntsman® helmets.
- Patented Zahnlok™ adjustment system allows adjustment in 1/16" increments for exact fit, simply by turning a knob.
- Teeth are automatically disengaged during adjustment.
- Cloth sweatband.
- Washable and durable.

Part No. 35083



Model K-4 Attachment

- Held firmly on safety caps by heavy-duty clips and springs.
- Spark guard pivot double slopes hold visor in down position.
- Fits on most safety caps.

Part No. 10350



1909 Roto-Clip®

- Lets you attach almost any Huntsman® welding helmet (with nylon lugs) safely and securely to a hard hat.
- Patented positive positioning locking device keeps the helmet in any position you place it.

Part No. 35017- Ram Cap™

Part No. 35013- ASMC Sentry III™

Part No. 35096- Jackson® caps

Part No. 35097- ERB®

Part No. 35098- MSA V-Gard® caps



Part No. 35017

Model H Bracket

- Fits on most full-brim hard hats.
- Huntsman® locking device.
- "Turn button" attachment for quick, convenient visor attachment and replacement.

Part No. 10250



Model 4000 Cap Adapter

- Attaches Model 400L series welding helmets to most styles of safety caps without slots.
- Allows normal function and helmet comfort.
- Quick and easy release.

Part No. 30058



Model 170-SB

- Enables attachment of all Jackson visors to your safety cap.
- Headgear with large spark deflector.
- Universal hole pattern design.
- Ratchet suspension.
- Meets ANSI Z87.1

Part No. 0742-0020 - 170-SB

Part No. 0742-9802 - 170-SB/Bulk: 40 ctn.



Model P Brimmaster

- Enables attachment of a variety of Huntsman® visors to your safety cap (visors sold separately).
- Huntsman® locking device holds visor securely in the down position or up out of the way.
- "Turn-button" visor attachment holds visor securely and provides fast, easy attachment and replacement.
- Meets CSA standards.

Part No. 10217



Visor sold separately.

Model 131-B

- Economical headgear based on model 170-SB (above) with a non ratchet suspension.

Part No. 0742-0021



Model C Bracket

- Fits most safety caps.
- Simple "on-off" attachment/replacement.
- Holds a variety of Huntsman® visors.

Part No. 10200



Visor sold separately.

Model K Face Saver®

- Ratchet adjusts in 1/16" increments to exact head size.
- "Turn button" visor attachment holds 12" or 15-1/2" visors securely, allowing for fast, easy visor attachment and replacement.
- Holds a variety of Huntsman® visors (sold separately).
- Meets CSA standards.

Part No. 10000



Visor sold separately.

Model K-10 Face Saver® Headgear

- Pin-lock size adjustment.
- "Turn button" visor attachment holds 12" or 15-1/2" visors securely, allowing for fast, easy visor attachment and replacement.
- Meets CSA standards.

Part No. 10050

V-Gard® Protective Caps and Hats

V-Gard® Protective Caps and Hats from MSA consist of a polyethylene shell and suspension system working together as a protective system. V-Gard® headwear features advanced styling in either cap or hat styles, with the cap available in three sizes: small (6" - 7-1/8"), standard (6-1/2" - 8"), and large (7" - 8-1/2").

V-Gard® Caps and Hats meet or exceed the applicable requirements for a Type 1 helmet (top impact) as outlined in ANSI Z89.1-2003, Class E, and also as outlined in CSA 294.1-2005 (Class E) with 1-Touch™ and Fas-Trac™ suspensions.

V-Gard® Caps and Hats are not specifically designed to protect against lateral blows from the front, side, or rear. MSA's Vanguard™ II Protective Helmets are so designed and must be used if lateral protection is desired. For more information, contact your MSA distributor.

Warning: Do not mix suspension and helmet sizes. Make sure the sizes match (example: standard-size suspension with standard-size helmet). Use only MSA suspensions on an MSA helmet. Failure to comply with the above will reduce the energy-absorbing ability of the protective helmet, which can result in serious injury or death.



Staz-On® Suspension System



1-Touch™ Suspension System



Fas-Trac® Suspension System



Swing-Ratchet Suspension System

V-Gard® Complete Assemblies

Color	Small V-Gard® Slotted Cap		Standard V-Gard® Slotted Cap				Large V-Gard® Slotted Cap		V-Gard® Hat Non-Slotted		
	w/Staz-On™ Suspension	w/Fas-Trac™ Suspension	w/Staz-On™ Suspension	w/Fas-Trac™ Suspension	w/1-Touch™ Suspension	w/Uni-Pro™ Suspension	w/Staz-On™ Suspension	w/Fas-Trac™ Suspension	w/Staz-On™ Suspension	w/Fas-Trac™ Suspension	w/1-Touch™ Suspension
White	466354	477477	463942	475358	10057441	10004760	473284	477482	454733	475369	10058321
Blue	466355	477478	463943	475359	10057442	10004762	476928	477483	454732	475368	10058320
Yellow	466356	477479	463944	475360	10057443	10004761	473285	477484	454730	475366	10058318
Orange			463945	475361	10057444	10004767			454734	496075	10058322
Red			463947	475363	10057446	10004763			454736	475371	10058324
Green			463946	475362	10057445	10004765			454735	475370	10058323
Gray(Navy)			463948	475364	10057447	10004766			454731	475367	10058319
Hi-Viz Orange		489368	488148	488146	10057420	10004764		489364	489360	10021292	10058326
Hi-Viz Lime Green			815558	815565		10017732			815562	815770	
Hi-Viz Yellow-Green				10061512	10061514					10061515	10061516
Dark (Canadian) Blue				802972						802975	
Gold				475365		10004768					
Robin's Egg Blue				495853							
Brown				495854							
Silver				495855							
Tan											
Black				492559							
Light Buff			478237	495856							
Purple			488398	495858							
Pink				495862							

Special V-Gard® Assemblies

White, w/L/B and C/H (Class C)			460018						460069	815009	
White w/ American Flag			474159								

Special V-Gard® Assembly with Swing-Ratchet Suspension

White Standard size V-Gard® Cap, w/ Swing-Ratchet Suspension										10004689	
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* CSA approved

Minimum quantities may apply on non-stock items.

Replacement Suspensions

	Small (6 - 7-1/8)	Standard (6-1/2 - 8)	Large (7 - 8-1/2)
Staz-On™	467386	454230	492566
Fas-Trac™	492567	473332	492568

V-Gard® Accessories

Part No.	Description
459458	Goggle Retainer for protective caps, less goggles



Graphic Welding Helmets / Cartridges

LightSwitch Welding Helmets

-LightSwitch helmets are available in either a 4 × 5 or 2 × 4 format.

-All helmets are equipped with a state of the art headgear.

-All helmets (except the basic black version) are shipped in a fine silk like dust bag and extra cover plates.



Part No. 600-508-A

4.5" × 5.25" Auto Darkening Helmets	
Part No.	Description
600-506-A	Black
600-509-A	Copper Top
600-510-A	RPM
600-508-A	Carbon Matrix
600-527-A	Liberty
600-564-A	Lone Star



Part No. 600-506-A



Part No. 600-564-A



Part No. 600-509-A

2" × 4.25" Auto Darkening Helmets	
Part No.	Description
600-512-A	Black
600-515-A	Copper Top
600-516-A	RPM
600-514-A	Carbon Matrix
600-528-A	Liberty
600-565-A	Lone Star



Part No. 600-516-A



Part No. 600-528-A



Part No. 600-514-A

LightSwitch 4½" × 5¼" Auto Darkening Filter

- Large, Crystal Clear Viewing Area.
- Shade selectable from 9 to 12 - Each Shade Exact.
- Sensitivity Adjustment in 7 Steps.
- Delay Adjustment from 0.15 to 0.78 Second.
- Warranty: 3 Years - Free overnight replacement.
- Low battery indicator leaves approximately two days of power (depending on daily usage).
- Included CR 2032 Battery Available Anywhere.
- Large Adjustment Buttons Easy with Gloves.
- Fits most 4-1/2" x 5-1/4" Helmet Windows.
- TIG Welding down to 10 AMPS.



Cartridges and Replacement Headgear	
Part No.	Description
600-196-A	4.5" × 5.25" Fixed ADF Cartridge
600-344-A	2" × 4.25" Fixed ADF Cartridge
600-478-A	Headgear

LightSwitch 2" × 4¼" Auto Darkening Filter

- "NO BLOCK" in-the-window sensor.
- Dark Shade 10.5.
- Light Shade 3.75.
- Delay, dark to light = .25 second.
- Fits most 2" x 4-1/4" Helmet Windows.
- Thickness = 6mm.
- Weight < 1.2 oz.
- Comfortable viewing area = 3.69" x 1.31".
- Warranty: 1 Year - Free replacement.



HalfMags and Inner Safety Plates	
Part No.	Description
600-300-A	HalfMag 1.50
600-301-A	HalfMag 2.00
600-302-A	HalfMag 2.50
600-206-A	Inner Safety Plate 5/pk

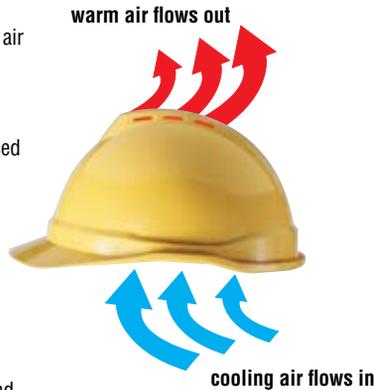
Protective Headwear

Advance® Cap: Vented Styles

Vented Advance® Caps provide cooling vents for improved air circulation and comfort. Advance® Caps consist of a polyethylene shell and 4 or 6-point or Fas-Trac® ratchet suspension that work together as a protective system.

Advance® Caps from MSA feature a combination of advanced features and styling:

- Improved air circulation.
- Optional 4 or 6-point Fas-Trac® suspension system.
- Lightweight design for added comfort.
- Lateral contours above the ear for easy integration of hearing protection.
- Glaregard™ under brim to reduce reflective glare.
- Custom printing available.
- Sun Shield available- extends the brim all the way around.
- Meets or exceeds the applicable requirements for a Type I helmet (top impact) as outlined in ANSI Z89.1-2003 and CSA Z94.1-2005.
- Meets Class C.



Color	4-Point Fas-Trac™ Suspension	6-Point Fas-Trac™ Suspension
White	10034018	10034027
Blue	10034019	10034028
Yellow	10034020	10034029
Red	10034022	10034031
Green	10034023	10034032
Hi-Viz Orange	10034026	10034035
Hi-Viz Lime Green	10035212	10035213



Officially-Licensed NFL™ V-Gard® Helmets

The NFL™ line of V-Gard® Caps with the comfortable, strap adjustable Staz-On® suspension offers superior quality, comfort, and protection. NFL™ V-Gard Caps meet or exceed all applicable requirements for ANSI Z89.1-2003 (Class E) for a Type I helmet. Safety directors will appreciate how NFL™ V-Gard® Caps complement a safety program and improve wearer acceptance.

Part No.	Description
818384	Arizona Cardinals
818385	Atlanta Falcons
818386	Baltimore Ravens
818387	Buffalo Bills
818388	Carolina Panthers
818389	Chicago Bears
818390	Cincinnati Bengals
818391	Cleveland Browns
818392	Dallas Cowboys
818393	Denver Broncos
818394	Detroit Lions
818395	Green Bay Packers
10031348	Houston Texans
818396	Indianapolis Colts
818397	Jacksonville Jaguars
818398	Kansas City Chiefs

Part No.	Description
818399	Miami Dolphins
818400	Minnesota Vikings
818401	New England Patriots
818402	New Orleans Saints
818403	New York Giants
818404	New York Jets
818405	Oakland Raiders
818406	Philadelphia Eagles
818407	Pittsburgh Steelers
818408	San Diego Chargers
818411	Saint Louis Rams
818409	San Francisco 49ers
818410	Seattle Seahawks
818412	Tampa Bay Buccaneers
818413	Tennessee Titans
818414	Washington Redskins



Adapter Kits for Welding Shields

Kits permit the easy attachment of welding shields, faceshields and visors to MSA's helmets.

Welding Kits

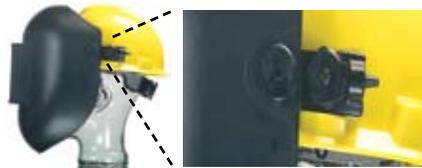


EC Adapter (left)

Part No.	Description
488525	Standard adapter for welding helmets and visors
806211	EC adapter kit (positive positioning type)

* **Note:** Use plastic or metal instant-release w/ visors

Plastic Instant-Release Attachment

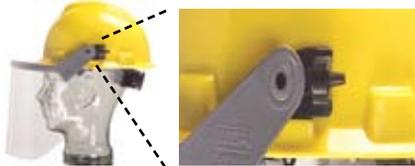


Plastic instant-release for welding helmet

Part No.	Description
10036456	Instant-Release and lugs for slotted caps
10039111	Instant-Release, less lugs, for slotted caps

Note: Cannot be used on vented advanced caps

Defender® + Frame w/ Instant-Release Attachment



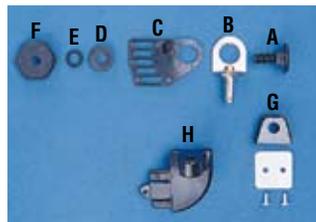
Defender + Faceshield frame instant-release

Part No.	Description
10037098	Defender® + frame for slotted cap, without lock-down

Metal Instant-Release Attachment



Metal instant-release attachment



Instant-release attachment

Part No.	Description
485460	Instant-release and lugs for slotted caps (A, B, C, D, E, F, H)
1005882	Lugs only, for instant-release slotted caps (H)
91385	Instant-release and lugs for non-slotted caps, with stop (A, B, C, D, E, F, G)
48733	Lugs only, for instant-release non-slotted caps (G)
456667	Instant-release, less lugs, with stop (A, B, C, D, E, F)
93631	Friction joints, pair (A, D, E, F)

Chin Straps

Wherever protective headwear must be worn, MSA chin straps can be worn to help keep the hats and caps in place during accelerated worker activity or windy conditions.



Part No.	Description
88128	Elastic chin strap

Hard Hats and Accessories

Vulcan™ Hard Hats

Ratchet

- Shown with optional sweatband.
- Six point deluxe nylon strap suspensions.
- Rain trough and accessory slots.
- Plush cotton terry sweatbands.
- Meets ANSI Z89, 1-2003 Type 1, Class E, G & C.

Part No. V200-11



Bump Cap

- Polyethylene cap fits inside most "high profile" or "pro-style" baseball caps.
- Sporty, comfortable and protects against bumps and scrapes.
- Baseball cap also available separately.

Part No. V400 (insert only)

Part No. V410-B06 (black baseball cap)



VULCAN™

Cowboy Hat

- With squeeze lock suspension.
- Extra wide brim provides more UV protection than standard or full brim hard hats.
- Fully adjustable 6 point ratchet (VCB200) or squeeze-lock (VCB100) suspensions.
- Meets ANSI Z89.1-2003, Type 1 Class E, G & C.



Part No. VCB100-100



Ratchet for VCB200
Part No. VCB201



Squeeze lock for
Part No. VCB100
Part No. VCB101

Part No.	Color
VCB100-00	White
VCB100-06	Black
With ratchet suspension	
VCB200-00	White
VCB200-06	Black
VCB200-11	Grey
VCB200-15	Tan

Hard Hat Pads



Part No. 968-01



Part No. 0918



Part No. 0919

Part No.	Description
968-01	Navy
968B-01	Navy Bulk 24 pk
968-FR	Gray*
969-01	Deluxe Navy+
969-FR	Deluxe Gray*+
0918	Terry Band
0919	Terry Liner

*Fire Resistant +w/ neck shade

Terry Toppers® Hard Hat Accessories

Snap-on Hard Hat Sweatbands

- Plush, not scratchy.
- Absorbent and more economical than most sweatbands.
- Available in navy or beige.



Part No.	Color	Std. Pkg.
870-01	Navy	Ea.
870-15	Beige	Ea.
870B20-01	Navy	20/pk
870B20-15	Beige	20/pk
880-11	Gray	Ea.
882-01	Navy	Ea.

Summer Liner

- Navy with terry cotton neck shade.
- Hook and loop installation.
- One size fits all.
- Machine washable.

Part No. 892-01



Hard Hat Shades

- Blocks the sun and most UV rays.



Part No.	Description
898-ORG	Orange
898-RBLU	Blue
898-WHT	White



Complete Command without Removing Your Helmet

- **Grinding**- Simply press the oversized shade control button and the auto darkening filter is locked in to a shade 4. This eliminates filter flickering while grinding or brazing. Both are now possible without helmet removal. Depress control button again to reset ADF.
- **Shade range selection**- This sliding switch can be used to select shade ranges of 5–9 and 9–13. Choose your range and then adjust to the appropriate shade using the shade level control knob.
- **Shade level control**- Adjust this control knob to select the shade within settings of 5–9 or 9–13. Selections can be made according to the welding process making this one of the most versatile helmets on the market.
- **Sensitivity control**- Factory set at red dot for most procedures. Adjustable to meet different welding applications including microplasma, plasma cutting, and low amperage TIG welding to name a few. Match the sensitivity level to your specific need.
- **Delay switch**- By using the sliding switch, the time delay from dark to light can be adapted to your individual requirements.
- **Solar cells**- Optrel Expert by Uvex's proven solar technology ensures a continuous power supply while also eliminating the need for on/off switches and untimely/costly battery changes.
- **Adjustable sensor bar**- Eliminate the effects of ambient light. Simply slide the sensor bar up and the angle of detection will open from 60° to 120°, which optimizes performance during low current and over the head welding. Keep it down and reduce the chances of a nearby arc darkening your lens.
- **Eye protection**- Several LCD's and special filters provide permanent Shade 14 protection from dangerous UV and IR radiation, even in the bright state.



Part No. K604- Cosmic Copper



Part No. K600- Charcoal



Part No. K602- Silver



Part No. K601- Blue



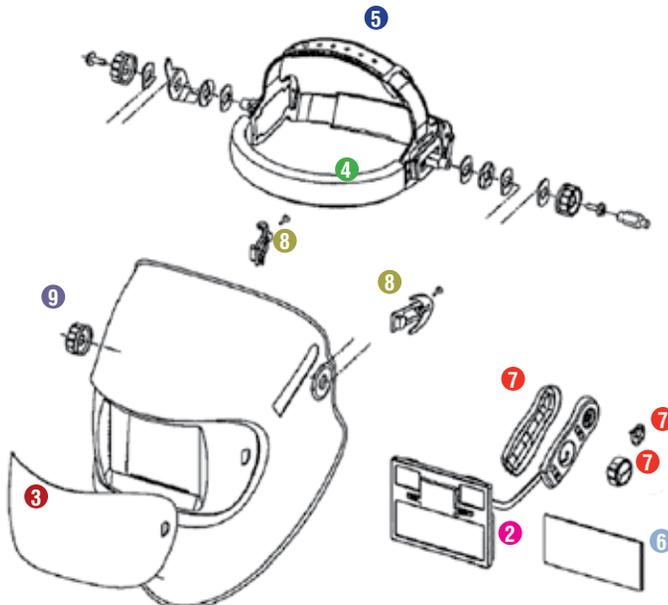
Part No. K603- Green

Satellite™ ADF Shade Cartridge 2" x 4-1/4"

- Two-year warranty on ADF filter.
- Part No. K610



Parts Diagram- Optrel® Satellite™



Code	Part No.	Description	Quantity
2	K596	Satellite shade cartridge	1 each
3 (A)	K5910	Satellite front cover lens	Set of 2
3 (B)	K5911	Satellite front cover lens	Set of 5
4	K5822	Sweatband	Set of 2
5	K5821	Headgear	1 each
6	K5812	Inside cover lens	Set of 5
7	K5920	Potentiometer knob, back cover, & sensitivity knob	1 Set
8	K5921	Cover lens connection clips	Set of 2
9	K5820	Potentiometer knob only	Set of 10

Welding Helmets

Orion™

Auto-Darkening Welding Helmet (Automatic or Manual)

- Variable shades: 9–13 (automatic or manual).
- Solar powered.
- All adjustment controls on outside of helmet.
- Dark-to-light delay switch – select fast or slow.
- Telescoping headgear design with patented eccentric knob.
- Two-year warranty on ADF filter.
- Long-life, easy-to-change cover plate design with integrated seal.
- Shade level automatically adjusts as arc light intensity changes.
- Automatic and manual shade settings.

Part No. K570 - Black

Part No. K575 - Magic Blue



Part No. K570



Part No. K575

Orion™ Cartridge

2" x 4-1/4"

Part No. K597

MiraPlus™

Auto-Darkening Welding Helmet

- Selectable shades: 10 and 11.
- Solar powered.
- Telescoping headgear design with patented eccentric knob.
- Two-year warranty on ADF filter.
- Long-life, easy-to-change cover plate design with integrated seal.
- Shade 10 and 11 selectable via non-contact toggle switch.



Part No. K532- OSE Blue



Part No. K533- Black, unpainted,
selectable shade 10 or 11

MiraPlus™ ADF Shade Cartridge

2" x 4-1/4"

- Two-year warranty on ADF filter.

Part No. K593



K700

The Optrel® Galaxy stationary 2" x 4-1/4" model meets the demands of the everyday welder by providing comfort and style.

- 2" x 4-1/4" viewing area.
- Install an Optrel® NOVA™ ADF cartridge for the ultimate experience in auto darkening technology (sold separately).
- Shade 10 passive filter and cover lens included.

Part No. K700- stationary filter lens

NOVA™ Shade Cartridge 2" x 4-1/4"

Automatic shade adjustment cartridge 2" x 4-1/4".

- **Shade cartridge** - Auto-darkening welding filter with automatic shade adjustment 3/10 or by use of an additional colored filter. (+1 shade) 4/11.
- **Viewing area** - Darkens automatically within a fraction of a millisecond.
- **Solar cells** - The use of solar energy means that an on/off switch and change of battery are no longer needed.

Part No. K590



Magnification Lenses

Eliminate the need to wear eyeglasses under your Optrel® welding helmet with any of these magnification lenses. Simply remove the existing inside cover plate and insert the plate of your choice (a universal fit with all Optrel® helmets).

Part No. K5816- 1.0 diopter

Part No. K5818- 2.0 diopter

Part No. K5817- 1.5 diopter

Part No. K5819- 2.5 diopter

Hard Hat Adapter

- For easy attachment of any Optrel welding helmet to a hardhat.

Part No. K5930



Eclipse™ Welding Helmets

- Exclusive design: contemporary profile and narrow shell design engineered to maximize performance and enable welders to work more efficiently and comfortably with increased productivity.
- Safe to use: extended head, face, neck and ear coverage protects against sparks and slag - preventing burns and harmful ultra-violet and infra-red rays.
- Lightweight: reduces stress on welder's neck and back muscles.
- Streamlined design: allows you to work in tight space. Easy, adjustable knobs, even with the gloves on.
- Strong and durable: withstands heavy on-the-job abuse.
- Non-reflective surface: absorbs stray radiation and avoids arc flash.
- Ergonomically engineered: scientifically balanced for easy "nod down."
- Excellent ventilation: channels smoke and fumes away from the welder. Makes breathing easier and a unique shape that allows room for respirators.
- Unique magnifier lens holder: built-in magnifier holder is adjustable to multiple positions.
- Adaptable: to most auto-darkening filters.
- Helmet includes shade 10 filter plate, safety plate (standard size) and adjustable locking ratchet headgear with sweatband.
- Meets or exceeds ANSI Z87.1 & CE standards.



Part No. ADF-54F



Part No. EH-24L

Part No.	Description
Passive	
EAD-24F	2" X 4-1/4" fixed shade 10
EAD-54F	4-1/2" x 5-1/4" fixed shade 10
ADF-24F	2" X 4-1/4" fixed shade 10
ADF-54F	4-1/2" x 5-1/4" fixed shade 10
Auto-Darkening	
EH-24F*	2" X 4-1/4" fixed front, fixed shade 10
EH-24L *	2" X 4-1/4" lift front, fixed shade 10
EH-54F*	4-1/2" x 5-1/4" fixed front, fixed shade 10
Headgear	
OERH*	Adjustable ratchet headgear

*Also available in bulk.

Lift/Fixed-Front Combo Welding Helmets

- New innovative design- single model acts as a lift or a fixed front.
- High performance, super tough and economical.
- Tougher and lighter than ordinary helmets - flexible and durable shell.
- Streamlined, compact design allows welders to get into tight places.
- Features innovative integral lens holder.
- Excellent resistance to welding spatter.
- Pivot tabs relieve pressure on temples.
- Adjustable tension for up and down shell movement without removing helmet.
- Ratchet adjustable headgear is soft and comfortable with foam fitting vinyl sweatband.
- Meets/exceeds ANSI Z87.1, CSA Z94.3, CE and various international standards.



Part No. NS-24BF



Part No. NS-45B



Part No. HS-24

Part No.	UPC No. 0 27719	Description	Ctn
NS-24BF*	00202 6	Fixed front welding helmet, 2" x 4-1/4", economy, black	1
NS-24B*	02890 3	Lift/fixed front combo, welding helmet, 2" x 4-1/4", black	1
NS-45BF*	00396 2	Fixed front welding helmet, 4-1/2" x 5-1/4", economy, black	1
NS-45B*	02893 4	Lift/fixed front combo, welding helmet, 4-1/2" x 5-1/4", black	1
HS-24	00197 5	Hand held welding shield, 2" x 4-1/4" shade 10	10
RC-24	02899 6	Replacement flip-up lens cartridge, for 2" x 4-1/4" helmet	10
RC-45	02900 9	Replacement flip-up lens cartridge, or 4-1/2" x 5-1/4" helmet	10
OORH	02898 9	Adjustable ratchet headgear for helmet	10

*Also available in bulk.

Face Shields / Visors

Bionic® Shield

- Enhanced protection from airborne debris.
- Excellent optics and increased visibility.
- Easily replaceable visor with dual position choices.
- Secure visor attachment.
- Lightweight and balanced, ergonomic design for extended use.
- Comfortably worn with most goggles and respirators.
- Faceshield offers secondary protection and must be worn with spectacles or goggles.
- Perfect for workers exposed to falling or flying objects, impact, chemical splash, and airborne debris.
- Hardhat accessory is compatible with multiple hardhats, and was tested with Willson® as well as major competitor styles. **ANSI**



Part No. S8500



Part No. S8560

Part No.	Visor Color/Material	Description
S8500	Clear/Polycarbonate	Uncoated
S8510	Clear/Polycarbonate	Anti-fog/hardcoat

Replacement Visors

Part No.	Visor Color/Material	Description
S8550	Clear Polycarbonate	Uncoated
S8555	Clear Polycarbonate	Anti-fog/hardcoat
S8560	Shade 3.0 Polycarbonate	Uncoated
S8565	Shade 5.0 Polycarbonate	Uncoated



Protecto-Shield® Replacement Visors

- Available in propionate, polycarbonate and acetate for a variety of environments.
- Easy attachment without snaps, posts or levers.
- Reinforced edge to resist cracking.
- Universal hole pattern allows the use of Willson visors with other popular manufacturers' headgear.
- Meets ANSI Z87+ and CSA Z94.3 safety standards.
- 20 per case



Part No. 11390044



Part No. 11390068



Part No. 11390069

Part No.	Description
11390044	Clear, individual, poly-bagged, propionate
11390046	Dark green, propionate
11390067	Shade 4, propionate
11390068	Shade 5, propionate
11390069	Shade 6, propionate
11390047	Clear, polycarbonate
11390048	Medium green, polycarbonate
11390049	Dark green, polycarbonate