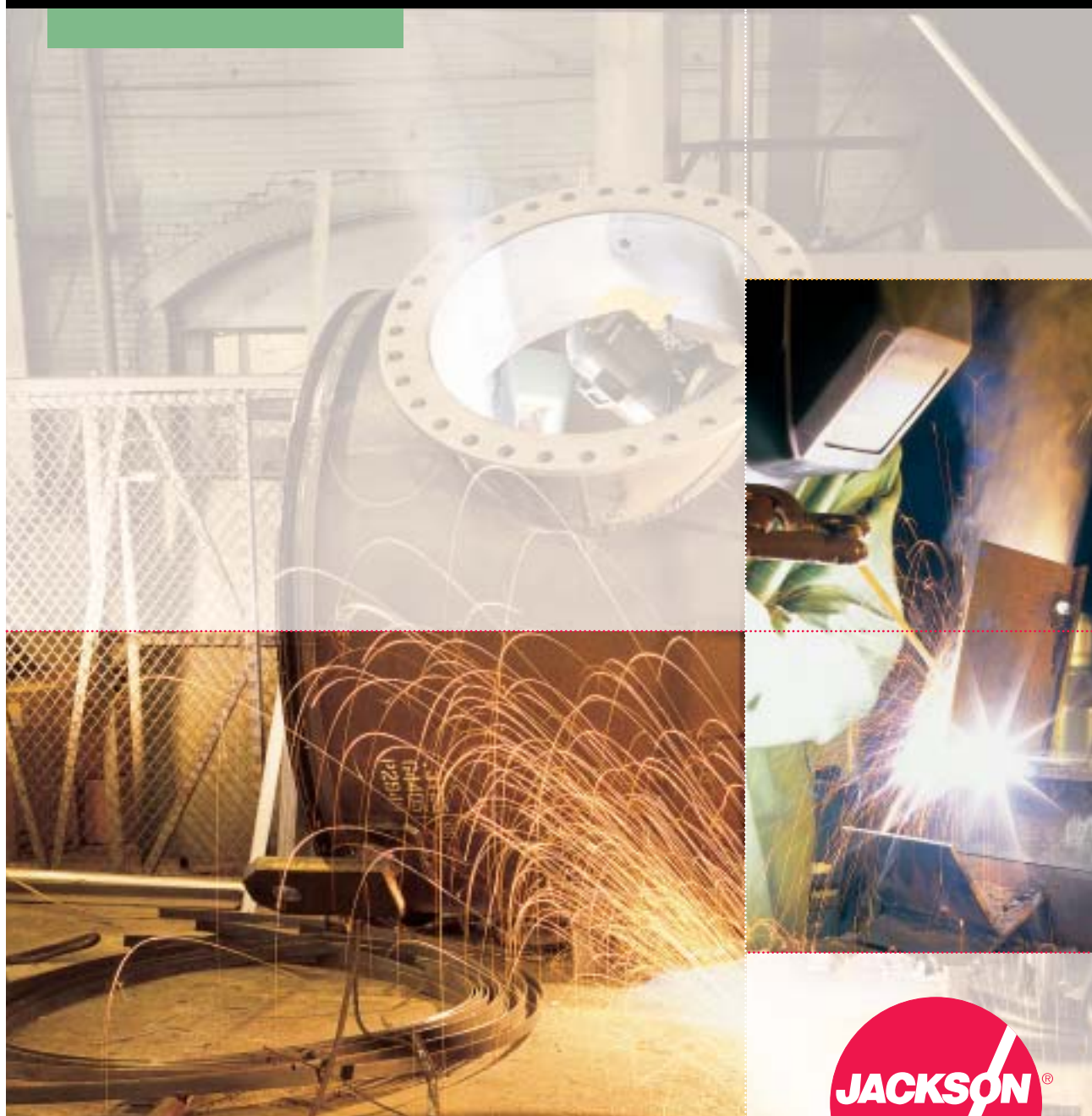


**PERSONAL PROTECTIVE  
EQUIPMENT CATALOG**

**JACKSON PRODUCTS**



## INDEX

<b>WELDING SAFETY</b>	<b>PAGE 3</b>
<b>GRAPHIC WELDING HELMETS</b>	<b>PAGE 5</b>
<b>POWERED AIR PURIFYING RESPIRATOR</b>	<b>PAGE 7</b>
<b>CUTTING GOGGLES</b>	<b>PAGE 9</b>
<b>FACE AND HEAD PROTECTION</b>	<b>PAGE 10</b>
<b>RECOMMENDATIONS FOR ATTACHMENTS</b>	<b>PAGE 13</b>
<b>FACESHIELDS</b>	<b>PAGE 14</b>
<b>SAFETY EYEWEAR</b>	<b>PAGE 17</b>
<b>HEARING PROTECTION</b>	<b>PAGE 21</b>
<b>ELECTRIC LINE</b>	<b>PAGE 22</b>
<b>INTERCHANGEABILITY CHART</b>	<b>PAGE 25</b>
<b>IMPRINTING</b>	<b>PAGE 26</b>
<b>WARRANTIES</b>	<b>PAGE 27</b>

## WARNING

Read this section completely before selecting your Jackson safety products. Our 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 makes the installer solely liable for the consequences.

## PATENTS

Jackson Welding Helmets and Lenses are covered by one or more of the following U.S. patents: D310,432; D349,588; D353,692; D431,328; 5,208,688; 5,248,880; 5,252,817; 5,347,383; 5,377,032; 5,515,186; 5,519,522; 5,533,206; 5,751,258; 5,959,705; 6,067,129; 6,070,264; 6,151,711; 6,260,197; 6,341,382; and related foreign patents. Other U.S. and foreign patents pending. For additional patent numbers contact Jackson Products, Inc.

**One Superior Lens – Many Advanced Features!** Customers looking for the latest in auto-darkening technology now have a variety of options for the NexGen EQC®. You can now get the NexGen in cartridge only, bulk packed, or in a choice of two brand name helmets – the Jackson Shadow® and the Huntsman 951P™. See price book for replacement parts and accessories.

## NEXGEN EQC®

One Superior Lens – Many Options!



**NexGen Cartridge**  
0752-0106

The Jackson NexGen™ is truly the next generation of auto-darkening for the welding specialist. The NexGen offers the flexibility of digital technology with the stability of analog to make the smartest auto-darkening filter on the market! With Jackson's Intellisense™ technology the NexGen can sense the most precise welding applications, such as plasma arc and extreme Low Amp Tig.

- Intellisense™ technology allows unit to detect welds less than 5 amps
- Four redundant sensors in a staggered design eliminate blocked sensors
- Unit has auto shut-off after 60 minutes in torch and grind modes. Weld mode has a 20 min. auto shut-off.
- Versatile cartridge fits in most 4" x 5" vertical windows
- Replaceable lithium batteries
- Smart View™ LCD for fingertip control information
- Low battery indicator
- 3NI™ technology allows three modes of operation: weld (shades 9-13), grind (3), or torch (5)
- Standard size outer cover plate
- Soft touch control panel eliminates contaminants and protects from the outside environment
- 9 square inches of viewing area and four sensors
- New! Protective coating shields EQC from extreme electromagnetic interference.
- New! Integrated ClimaSensors™ registers ambient temperature three times per minute and adjusts EQC shade accordingly to ensure a true welding shade.
- Two year warranty
- Made in the U.S.A.
- Meets ANSI Z87.1+ standards



**HSL 100**  
**NEXGEN™ EQC®**

0744-0705  
Bulk Part No. 0744-9468



**BEST**

**Sold in attractive  
retail-friendly  
boxes**



**HellRaiser with NexGen**  
0744-1090



**American Eagle with NexGen**  
0744-1063



**HUNTSMAN 951P with NexGen**  
25047  
Bulk Part No. 25050



**JACKSON EQC®** For The Professional Welder.

**Auto-Darkening Lens Options.** We want to make it easy for you to choose the Jackson unit that fits your needs by offering a wide range of options at competitive prices. Jackson has made the following useful list categorized into "Professional" and "Hobbyist". Look for the **"Good, Better, Best"** for our most popular values. Note: All auto-darkening lenses are still available as listed in the most current Jackson Price book. All Jackson EQCs meet ANSI Z87.1+ standards


**HSL 100 EQC®  
MASTER VARIABLE  
HTLS**

**BETTER**

- 0744-0660** (Cartridge Only **0752-0141**)
- Allows the Serious Welder to Work in Almost Any Welding Application
  - Sensitivity and Delay Adjustments
  - Variable Shade Range 9-12


**HSL 100 EQC®  
PROFESSIONAL,  
SHADE 10**

**GOOD**

- 0744-0761** (Cartridge Only **0752-0211**)
- Larger Viewing Area than the Journeyman
  - Sensitivity Adjustment


**HSL 1 EQC®  
JOURNEYMAN®**

**GOOD**

- Variable Shade 9-12 HTLS
- 0744-0764** (Cartridge Only **0752-0214**)  
Shade 10
- 0744-0766** (Cartridge Only **0752-0216**)


**HSL-1  
JACKSON APPRENTICE**
**FOR THE  
HOBBYIST**


- 0744-0706**
- Solar-Powered Auto-Darkening Lens
  - Shade 10/11 Lens, Shade 3 Clear State
  - No Batteries to Change

**Other Available Auto-Darkening Units**

HSL-100 3NI EQC Executive **0744-0746**  
– (Cartridge Only **0752-0227**)

HSL-100 EQC Executive V HTLS **0744-0751**  
– (Cartridge Only **0752-0200**)

HSL-100 EQC Executive V **0744-0751**  
– (Cartridge Only **0752-0201**)

HSL-100 3NI EQC Master **0744-0747**  
– (Cartridge Only **0752-0225**)

HSL-100 EQC Professional V **0744-0665**  
– (Cartridge Only **0752-0142**)

**AUTO-DARKENING LENS FEATURES**

	NexGen	Master Variable	Professional Shade 10	Journeyman Variable	Journeyman Shade 10	Apprentice
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	•					
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 - 12		•		•		
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")				•	•	•
3NI - Grind, Weld, Cut	•					
Intellisense™ (Allows for 5 Amp & Below)	•	•	•			

**HEAD-TURNERS™****NEW! HIGH GLOSS GRAPHIC DESIGNS****GRAPHIC HELMETS WITH STANDARD SHADE 10 LENS**

- 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
- Meets ANSI Z87.1 standards



**HSL100 Red Flames**  
0744-1070



**HSL100 American Eagle**  
0744-1071



**HSL100 Dragon**  
0744-1072



**HSL100 Hot Rod**  
0744-1074



**HSL100 HellRaiser**  
0744-1091

NEW!

**GRAPHIC HELMET WITH NEXGEN™ EQC®**

NexGen Available in:  
**HSL100 American Eagle** 0744-1063  
**HSL100 HellRaiser** 0744-1090

**NEW Graphic Welding Helmets are sold in attractive easy-view clamshells.**



NEW!



**HSL100 Shockwave**  
3011003

NEW!



**HSL100 Glory**  
3011005

NEW!

**SHADOW®**

**Custom imprint your logo or design on any helmet! See page 26 for details.**

**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 polycarbonate filter plate. The Shadow helmet is available in 4 colors: black, silver, red and blue.



**HSL-100**  
**(4-1/2" X 5-1/4" FIXED FRONT)**  
Meets ANSI Z87.1, CSA Z94.3  
0744-0504

0744-0504 HSL100 BLACK  
0744-0505 HSL100-B BLUE  
0744-0506 HSL100-R RED  
0744-0507 HSL100-S SILVER



**HSL-1**  
**(2" X 4-1/4" FIXED FRONT)**  
Meets ANSI Z87.1, CSA Z94.3  
0744-0512

0744-0512 HSL1 BLACK  
0744-0513 HSL1-B BLUE  
0744-0514 HSL1-R RED  
0744-0515 HSL1-S SILVER



**HSL-2**  
**(2" X 4-1/4" LIFT FRONT)**  
Meets ANSI Z87.1, CSA Z94.3  
0744-0516

0744-0516 HSL2 BLACK  
0744-0517 HSL2-B BLUE  
0744-0518 HSL2-R RED  
0744-0519 HSL2-S SILVER

## MIGHTY-LITE™

Mighty-Lite helmets are extremely lightweight and flexible. They are made of durable injection-molded thermoplastic resins and have molded-in plate holders. Three plate holder styles are available. All snap in and out without tools for easy replacement. Mighty-Lite helmets are not recommended for overhead welding.



**HML-100A (LARGE WINDOW)**  
Meets ANSI Z87.1, CSA Z94.3  
0744-0022



**HML-1A (FIXED FRONT)**  
Meets ANSI Z87.1  
0744-0020



**HML-2A (LIFT FRONT)**  
Meets ANSI Z87.1, CSA Z94.3  
0744-0021



**H-500 (LARGE LENS)**  
Fiberglass handshields are available in two curved shell models. Handles are made of injection-molded plastic. Meets ANSI Z87.1  
0744-0016

## FIBERGLASS



**H-100-A (LARGE WINDOW)**  
Although it weighs no more than comparable small-plate helmets, the Big-J (H-100) 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 harmful rays. Maximum clearance for nose, chin and largest prescription glasses or goggles. Meets ANSI Z87.1 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. Any combination of plates can be carried. Meets ANSI Z87.1 0744-0005



**H2-A (LIFT-FRONT)**  
Meets ANSI Z87.1, CSA Z94.3  
0744-0004



**HM1-PW (PIPE LINE STYLE)**  
Pipe line version of the integral shell design, includes a modified Adjust-O-Lok headgear with a

neoprene insert in place of the adjustment knob. Shell exterior has a white coating. Meets ANSI Z87.1 0744-0081

## RESPIRATOR



**HR-2A (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 2" x 4-1/4" plastic lift-front plate holder. Meets ANSI Z87.1 0744-0069



**H4-A (LIFT FRONT)**  
A compact design especially useful for welding in close quarters. Includes 2" x 4-1/4" plate holders. Meets ANSI Z87.1 0744-0009



**H9-A (LIFT FRONT)**  
These helmets provide extended protection to the throat area, as well as better ventilation. Includes 2" x 4-1/4" plate holders. Meets ANSI Z87.1 0744-0012



**HXL-200**  
An alternative large lens lift-front design that won't fall down on the job. Radiarc's Isotrarc™ lift system positions the lens on top of the shell, instead of in front of your face, to eliminate accidental drop-down and reduce neck and head fatigue. Meets ANSI Z87.1 0744-0500

## HEADGEAR AND FILTER PLATES

### 270 HEADGEAR

For Shadow and HML series helmets produced after May 2000.

Softer, more comfortable strap material. Perforations on headband and absorbant cloth sweatband enhance breathability. Ergonomically designed, streamlined ratchet for easy adjustments and increased shell clearance. Six crown adjustments and perpendicular to pivot assembly for added balance.



0745-0073



3010811

### WELDING HELMET BAG

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

### 170 HEADGEAR

The Jackson 170 headgear has 45 head size adjustments and 5 crown adjustments. The New Ratchet system eliminates "backing off" by the push and turn design. A lower ratchet strap offers added comfort and strength. For Shadow and HML Series produced before May 2000.



0743-0010

### 170-P HEADGEAR

The Jackson 170-P headgear has all the features of the 170 except a rubber strap is used in place of a ratchet. Our "Pipeline" style is most comfortable for out-of-position welding.



0745-0047

### 170-SB HEADGEAR

The Jackson 170SB is ideal for use with Jackson faceshields.



0742-0020

## POWERED AIR PURIFYING RESPIRATOR

- Tough, industrial strength construction
- Flame-retardant and crush resistant hose – the ONLY one in the industry
- Airflow exceeds NIOSH standard by over 25%
- The NiMH battery is 40% lighter than the NiCad battery
- Sleek plenum design allows for more head room and attaches to helmet instead of headgear for comfort
- Available with the latest in auto-darkening technology
- Audible alarm for low battery and low airflow
- Adjustable belt with lumbar support
- Fast Charger provides fast, reliable battery charging
- Meets OSHA requirements & NIOSH approved
- Standard package with 2 four-hour batteries complete with Fast Charger
- 8 hour battery option available with NexGen cartridge (see below)



All ShadowAire II units include a FREE Jackson carrying bag!



POWERED AIR PURIFYING RESPIRATOR  
**SHADOWAIRE II**  
SHADOWAIRE



## REPLACEMENT PARTS & ACCESSORIES

DESCRIPTION	PART NO.
Complete Blower Unit (includes blower unit, belt, air flow indicator and breathing hose)	0756-0518
P3 Filters (6PK)	0756-0523
Fast Charge Battery Charger (4 hr)	0756-0525
Overnight Battery Charger (8 hr)	0756-0538
Plenum	0756-0526
Face Seal (3PK)	0756-0527
4hr NiMH Battery	0756-0520
8 hr. NiMH Battery	0756-0536
Blower Unit	0756-0519
Breathing Hose	0756-0521*
Air Flow Indicator	0756-0522
Belt	0756-0528
Gasket Seal for Breathing Hose	0756-0529
Belt Bracket	0756-0530
Shadowaire II Shell with Velcro Strips	0756-0532

DESCRIPTION	PART NO.
Shadowaire II with PAPR and P3 Filters, 4" x 5" Passive Filter Shade 10	*0744-1024
Shadowaire II with PAPR and P3 Filters, 4" x 5"	**0744-1032
Shadowaire II with EQC Master V HTLS and PAPR with P3 Filters	*0744-1025
Shadowaire II with EQC Executive V HTLS and PAPR with P3 Filters	*0744-1026
Shadowaire II with EQC Professional V and PAPR with P3 Filters	*0744-1027
Shadowaire II with EQC Master 3NI V HTLS and PAPR with P3 Filters	*0744-1028
Shadowaire II with EQC Executive 3NI V HTLS and PAPR with P3 Filters	*0744-1029
Shadowaire II with EQC NexGen and PAPR with P3 Filters	*0744-1045
Shadowaire II with EQC NexGen and PAPR with P3 Filters with 8 hr battery	**0744-1050

Note: The ShadowAire II protects against radio nuclids, asbestos and other dusts, mists and fumes with time weighted averages less than 0.05 milligrams per cubic meter when used properly with P3 Filters. Always consult with a safety specialist before choosing a PAPR.

\* Comes with 2 four-hour batteries and a fast charger

\*\* Comes with 1 eight-hour battery and an overnight charger

\* Custom-length hose available upon request. Please call Customer Service for details.

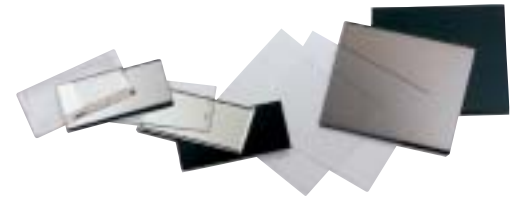
**MAGNIFYING PLATES**

Jackson has an array of "Mag" plates to fit the needs of any welder. While providing close vision without glasses, the mag plates are also adaptable to all EQC Filters. Select focal power by comparing prescription lenses.

ITEM NO.	FOCAL POWER	ITEM NO.	FOCAL POWER
0752-0063	1.00	0752-0067	2.00
0752-0064	1.25	0752-0068	2.25
0752-0065	1.50	0752-0069	2.50
0752-0066	1.75		

**MAG PLATE ADAPTER KITS**

- 0745-0040 98-2 Executive EQC Mag Lens Holder  
 0745-0029 98-3 Large Window Mag Lens Holder (for HSL-100)

**FILTER PLATES**

Jackson has a large selection of top-quality polycarbonate and green glass filter plates (both 2" x 4-1/2" and 4-1/2" x 5-1/4") for welding helmets. To prevent surface damage to welding filter plates, cover plates (in either plastic or glass) should be placed over them. Be sure to use the correct filter shade for the job.

**GUIDE FOR SHADE NUMBERS (ADAPTED FROM ANSI TABLE Z89.1)**

Operation	Electrode Size 1/32 in. (mm)	Arc Current (A)	Suggested Shade No. (Comfort)
Shielded metal arc welding	Less than 3 (2.5)	Less than 60	9
	3-5 (2.5-4)	60-160	10
	5-8 (4-6,4)	160-350	12
	More than 8 (6,4)	250-500	14
Gas metal arc welding and flux cored arc welding		Less than 60	9
		60-160	11
		160-350	12
		250-500	14
Gas tungsten arc welding		Less than 50	10
		50-150	12
Air carbon Arc cutting	(light)	150-500	14
		Less than 500	12
	(heavy)	500-1000	14
Plasma arc welding		Less than 20	6 to 8
		20-100	10
		100-400	12
		400-800	14
Plasma Arc cutting	(light)	Less than 300	9
	(medium)	300-400	12
	(heavy)	400-800	14

**HELMET SPRINGS**

Jackson has several metal lens retainer springs. These springs are used to hold EQC Filters and glass filter plates in the large window welding helmets.



**0745-0042** - 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.



**0745-0046** - Holds the first revision (9 volt battery) EQC, in the HSL-100 helmet.



**0745-0049** - Holds the second version EQC. Cross wire was eliminated due to the addition of two small retaining tabs on the EQC cassette.



**0745-0031** - Current spring used to retain glass in the HSL-100 helmet, HPL-100 helmet and Morsafe 592 helmet. Both of these helmets have the three tabs used to secure the Safety Lok EQC.



## WC SERIES

- Two-piece replaceable lens surrounded by foam rubber, providing ultimate comfort
- Adjustable side vents for increased air flow
- Adjustable, wide band for comfort
- Meets ANSI Z87.1+



**WC-1 (Clear)**  
0746-0036



**WC-2 (Smoke)**  
0746-0035



**WC-3 (Shade 3.0)**  
0746-0033



**WC-5 (Shade 5.0)**  
0746-0034

## WR AND WA SERIES

- Rigid Frame goggles
- Available with shallow or deep frame
- 50mm cup or 50mm round lens
- **WR series** equipped with adjustable, elastic strap
- **WA series** equipped with I70-G Adjust-O-Lok headgear
- Shade 5 filter plates & cover plates factory installed
- Meets ANSI Z87.1+



**WR-60** 0746-0223



**WR-600** 0746-0235  
Fits prescription frames



**WR-40** 0746-0103



**WR-70** 0746-0209



**WA-600** 0746-0325



**WA-60** 0746-0315

## WS AND JP SERIES

- Flexible frame goggles
- Available with fixed, lift or 50mm round lens
- Meets ANSI Z87.1+



**JP-150** 0746-0125



**WS-85 lift-front** 0746-0515



**WS-80** 0746-0505

## REVOLUTION GOGGLE

- VisiClear™ anti-fog coating offers unprecedented anti-fog optics, anti-scratch and anti-static characteristics for extreme visual clarity in all conditions
- Superior style, comfort and fit - Dynaflex® material conforms to the face, stays supple in extreme climates and is easy to clean and sanitize
- Proprietary Cross Vent™ Technology - unique design keeps air flowing in and moisture or chemical splashes out
- Polycarbonate lens provides superior impact resistance, 10% lighter than the competition, provides 99% UV protection and meets ANSI Z87.1+ and CSA Z94.3 standards



**BLACK IRUV 5.0** 0746-0353

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.

## Head-Turners™ TYPE I, CLASS E

Protection with Personality!  
Packed in cartons of 4

SC-3 non-slotted design. Fully dielectric. Design withstands temperature variances, humidity, and exposure to UV light for long-lasting wear.  
- NightVision™ is fully reflective from all angles.

Suspension Options:  
Ratchet only (391)

**\*Private label/custom designs available.**

Minimum order required. Call Customer Service for details.



American Flag



American Eagle



Mexican Flag



NightVision™



Inferno™



HellRaiser™

DESCRIPTION	ITEM NO.
American Flag	0740-5901
American Eagle	0740-5908
Mexican Flag	0740-5911
NightVision™	0740-5904
HellRaiser™	3004888
Inferno™	3011126

## SC 3 TYPE I, CLASS G, E, C

Packed in cartons of 12

Non-slotted design. Constructed of durable but lightweight dielectric plastic with impact absorbing design. Excellent for general overhead protection. A soft, absorbant cloth sweatband and deep nape strap promote a firm, comfortable fit.

Suspension Options:  
Ratchet (391) or QuickSlide (191)



DESCRIPTION	ITEM NO.
SC3 Yellow	0740-0351
SC3 White	0740-0352
SC3 Green	0740-0354
SC3 Blue	0740-0355
SC3 Orange	0740-0356
SC3 Red	0740-0357
SC3 Gray	0740-0358
SC3 White Visitor	0740-8203

## SC 6 TYPE I, CLASS G, E, C

Packed in cartons of 12

Slotted design. Constructed of durable but lightweight dielectric plastic with impact absorbing design. A soft, absorbant cloth sweatband and deep nape strap promote a firm, comfortable fit.

Suspension Options:  
Standard (491), Ratchet (391) or QuickSlide (191)



DESCRIPTION	W/ 391 ITEM NO.	W/ 491 ITEM NO.	W/ 191 ITEM NO.
SC6 Yellow	0740-0441	0740-0241	0740-0257
SC6 White	0740-0442	0740-0242	0740-0258
SC6 Brown	0740-0443	N/A	N/A
SC6 Green	0740-0444	0740-0244	0740-0260
SC6 Blue	0740-0445	0740-0245	0740-0261
SC6 Orange	0740-0446	0740-0246	0740-0262
SC6 Red	0740-0447	0740-0247	0740-0263
SC6 Gray	0740-0448	0740-0248	0740-0264
SC6 Black	0740-0449	N/A	N/A
SC6 Safety Orange	0740-0450	N/A	N/A
SC6 Lime Green	0740-0450	N/A	0740-0266

## SC 16 TYPE I, CLASS G, C

Packed in cartons of 12

Slotted design. Constructed of fiberglass material with impact absorbing design. Soft, absorbant cloth sweatband and deep nape strap promote a firm, comfortable fit. Typically used for high heat applications.

Suspension Options:  
Ratchet (391) or QuickSlide (191)



DESCRIPTION	W/ 391 ITEM NO.	W/ 191 ITEM NO.
SC16 Yellow	0740-0411	0740-0218
SC16 White	0740-0412	0740-0219
SC16 Green	0740-0414	0740-0220
SC16 Blue	0740-0415	0740-0221
SC16 Orange	0740-0416	0740-0222
SC16 Red	0740-0417	0740-0223

Custom imprint your logo or design on any cap! See page 26 for details.

## SB 6 STUBBY

TYPE I, CLASS G, E, C

Packed in cartons of 12

Slotted design. Short billed dielectric plastic with impact absorbing design. A soft, absorbant cloth sweatband and deep nape strap promote a firm comfortable fit. Can be worn in bill forward position with a welding helmet while meeting ANSI standards.

Suspension Options:  
Ratchet only (391)



DESCRIPTION	ITEM NO.
SB6 Yellow	0740-0081
SB6 White	0740-0082
SB6 Green	0740-0084
SB6 Blue	0740-0085
SB6 Orange	0740-0086
SB6 Red	0740-0087
SB6 Gray	0740-0088

## SH 3

TYPE I, CLASS G, E, C

Packed in cartons of 8

Non-slotted design. Full brim dielectric cap with impact absorbing design offers additional coverage of ears and back of neck. A soft, absorbant cloth sweatband and deep nape strap promote a firm, comfortable fit.

Suspension Options:  
Standard (491), Ratchet (391)  
or QuickSlide (191)



DESCRIPTION	W/ 391 ITEM NO.	W/ 491 ITEM NO.	W/ 191 ITEM NO.
SH3 Yellow	0740-0301	0740-0041	0740-0160
SH3 White	0740-0302	0740-0042	0740-0161
SH3 Blue	0740-0305	0740-0045	0740-0162
SH3 Orange	0740-0306	0740-0046	0740-0163
SH3 Red	0740-0307	0740-0047	0740-0164

## BC 100

Packed in cartons of 12

Bump cap protects workers from hazards that can inflict painful bumps and lacerations (Do not use to protect against falling objects). No standards for bump caps. Not ANSI approved.

Suspension Options:  
199 Bump Cap Suspension



DESCRIPTION	ITEM NO.
BC100 Yellow	0740-0151
BC100 White	0740-0152
BC100 Green	0740-0154
BC100 Blue	0740-0155
BC100 Orange	0740-0156
BC100 Red	0740-0157
BC100 Gray	0740-0158

## TYPES & CLASSES STANDARDS\*

Protective helmets are classified according to the specific impact and electrical performance requirements they are designed to meet. All protective helmets in accordance with this standard shall meet either Type I or Type II impact requirements. In addition, all helmets are further classified as meeting Class G, Class E, or Class C electrical requirements.

Impact Types

**Type I:** Helmets intended to reduce the force of impact resulting from a blow only to the top of the head.

**Type II:** Helmets intended to reduce the force of impact resulting from a blow which may be received off center or to the top of the head.

Electrical Classes

**Class G (General):** Class G helmets are intended to reduce the danger of contact exposure to low voltage conductors. Test samples are proof-tested at 2200 volts (phase to ground). However, this voltage is not intended as an indication of the voltage at which the helmet protects the wearer.

**Class E (Electrical):** Class E helmets are intended to reduce the danger of exposure to high voltage conductors. Test samples are proof-tested at 20,000 volts (phase to ground). However, this voltage is not intended as an indication of the voltage at which the helmet protects the wearer.

**Class C (Conductive):** Class C helmets are not intended to provide protection against contact with electrical conductors.

\* For further information, see American National Standards Institute Standard Z87.1 for eye and face or Z89.1 for head protection

Available from American National Standards Institute, 111 W. 42nd, 13th floor, New York, NY 10036.

## 491 SNUGFIT - STANDARD

0741-0021

- Highly efficient suspension system; standard headgear with woven nylon crown straps.
- Removable absorbant cloth sweatband,
- Adjusts to 13 head sizes and has two (2) vertical adjustments for crown height.
- Headband designed to hold goggle straps.



## 391 HEAD HUGGER

0741-0003

- Improved Ratchet headgear provides over 30 adjustments for comfortable fit without removing headgear.
- One (1) piece soft and durable nylon headband with woven nylon crown headstraps, absorbant cloth sweatband and two (2) crown height adjustments.
- Firm, secure fit makes the 391 valuable in caps carrying mounted accessories.



## 291 TRIPLE CROWN

0741-0002

- Allows cap to be worn backwards (bill back) without having to reverse the system.
- Three (3) crown heights, soft vinyl cushion
- Removable, reversible nape strap



## 199 BUMP CAP SUSPENSION

0741-0020

- 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.



## 191 QUICKSLIDE

0741-0004

**NEW & IMPROVED**

- The QuickSlide offers a ratcheting mechanism for the cost of a pinlock.
- Adjusts quickly and easily to a wide variety of head sizes.
- Extra-wide absorbant cloth sweatband.

**QUICKSLIDE**



## FOUR-POINT SUSPENSION

All caps are suspended from just one point: the top of the head. The shock-absorbing construction of the suspension is what reduces impact forces to lower, life-saving levels. So the number of points of suspension is not important, but the shock-absorbing construction of the suspension is important.

To prove the protection of the Jackson suspension, impact tests were performed on the Jackson 4-point suspension, and two other manufacturers of a 6 and 8 point suspension. All samples were conditioned for two hours at 120°F and 0° F per ANSI Standard Z89.1. The impact test consists of an 8-pound weight free falling 50 inches. A load cell mounted beneath the headform measures the amount of force transmitted through the headform. All the other force is absorbed by the hard hat shell and suspension working in conjunction. The ANSI Standard states that no one sample can transmit more than 1,000 pounds and the average of all tests samples cannot be greater than 850 pounds.

Based on these test results, the Jackson 4-point suspension absorbs an average over 10% more force than many 6 or 8 point suspensions.

Test Condition	Velocity (MS)	Transmitted Force (LBS)	Cap
120 degrees	4.60	380	Jackson SC-3 Brand #A 8pt Susp. Brand #B 6pt Susp.
	4.59	470	
	4.56	400	
0 degrees	4.60	670	Jackson SC-3 Brand #A 8pt Susp. Brand #B 6pt Susp.
	4.59	740	
	4.56	680	



**SHADOW (HSL SERIES)**


187-S Mounting Blade Kit  
Item No. **0745-0001**



Shadow™ with  
SB6 (Stubby)

**MIGHTY-LITE (HML SERIES)**


187-K Mounting Blade Kit  
Item No. **0745-0025**



Mighty-Lite™ with  
SC-6 (187K)



386 Capmount Adapter  
Item No. **0745-0027**



Mighty-Lite™ with  
SC-3 (386)



86 Quick Detach  
Pins (Plastic)  
Item No. **0743-0007**  
\*Used in conjunction  
w/87 blades.  
Item No. **0741-0061**



Mighty-Lite™ with  
SC-6 (86,87)



187-K Mounting Blade Kit  
Item No. **0745-0025**



Fiberglass with  
SC-16 (187K)

**FIBERGLASS (H SERIES)**


386 Capmount Adapter  
Item No. **0745-0027**



Fiberglass with  
SC-16 (386)



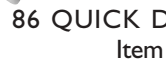
86-M Quick Detach  
Pins (Metal)  
Item No. **0743-9998**  
\*Used in conjunction w/87 blades.  
Item No. **0741-0061**



Fiberglass with  
SC-16 (86-M, 87)

**ATTACHMENTS**


86-M QUICK DETACH PINS  
Item No. **0743-9998**



86 QUICK DETACH PINS  
Item No. **0743-0007**



87 MOUNTING BLADES  
Item No. **0741-0061**



187-S SAFETY CAP MOUNT  
(FOR SHADOW)  
Item No. **0745-0001**

386 CAPMOUNT ADAPTER  
Item No. **0745-0027**



## FEATURES

- 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.

## MATERIAL TABLE

Material	Shape	Impact Resistance	Scratch Resistance	Heat Resistance	Optics
Polycarbonate	Molded/Sheet	Best	Better	Best	Best
Propionate	Molded	Better	Good	Good	Better
Acetate	Sheet	Better	Best	Better	Best
APCP™	Sheet	Good	Better	Better	Good



Shown with 170-SB  
Headgear  
(0742-0020)

### 24 MESH / 39 FIBER



## 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 1/2" x 8"

## PROPIONATE

- Injection molded, .060" thick propionate offers outstanding impact resistance and distortion-free optics
- Clear, dark green
- 12" x 8" and 15 1/2" x 9"

## 39 FIBRE

- Mounts to faceshield headgear or adapter
- Lightweight
- Holds 2 x 4 1/4" filter plate
- Ideal for gas welding vs. a goggle, the 39 provides excellent ventilation
- Should not be used as a welding helmet

## 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 1/2" x 9"

## APCP™

- .040" thick copolyester based resin offers lightweight comfort and economical protection
- Low haze and high gloss optics
- Available aluminum bound and unbound
- Clear
- 12" x 8" and 15 1/2" x 9"

## 24-MESH BLACK STEEL SCREEN

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

**PART NUMBERS**

Description	Binding	Dimensions	Per Carton	Item #
<b>Polycarbonate</b>				
34-60-PC Clear (Molded)	U	15½" x 8" x .060	12	0754-0415
34-63 IR/UV 3.0	U	15½" x 8" x .060	12	0754-0034
34-65 IR/UV 5.0	U	15½" x 8" x .060	12	0754-0031
<b>Propionate</b>				
812-60 Clear	U	12" x 8" x .060	12	0754-0205
812-60 Clear (Bulk)	U	12" x 8" x .060	50	0754-9990
812-63 Dark Green	U	12" x 8" x .060	12	0754-0208
915-60 Clear	U	15½" x 9" x .060	12	0754-0215
915-60 Clear (Bulk)	U	15½" x 9" x .060	50	0754-9988
915-63 Dark Green	U	15½" x 9" x .060	12	0754-0218
<b>Acetate</b>				
6040 Clear	B	12" x 6" x .040	12	0754-0017
6042 Dark Green	B	12" x 6" x .040	12	0754-0036
8040 Clear	B	12" x 8" x .040	24	0754-0018
8040-U Clear	U	12" x 8" x .040	12	0754-0118
8041 Light Green	B	12" x 8" x .040	12	0754-0037
8042 Dark Green	B	12" x 8" x .040	12	0754-0038
8042 Dark Green (Bulk)	B	12" x 8" x .040	50	0754-9993
34-40 Clear	B	15½" x 9" x .040	24	0754-0029
34-40 Clear (Bulk)	B	15½" x 9" x .040	50	0754-9996
34-40-U Clear	U	15½" x 9" x .040	12	0754-0129
34-41 Light Green	B	15½" x 9" x .040	12	0754-0039
34-42 Dark Green	B	15½" x 9" x .040	24	0754-0040
34-42 Dark Green (Bulk)	B	15½" x 9" x .040	50	0754-9992
1940-U Clear	U	19½" x 9" x .040	12	0754-0132
8060 Clear	B	12" x 8" x .060	12	0754-0020
34-60 Clear	B	15½" x 9" x .060	12	0754-0030
<b>APCP™</b>				
8040-AP Clear	B	12" x 8" x .040	50	0754-0049
34-40-AP Clear	B	15½" x 9" x .040	50	0754-0047
34-40-AP-U Clear	U	15½" x 9" x .040	50	0754-9977
<b>Black Mesh Steel Screen</b>				
40 - Large	B	15½" x 9"	12	0754-0033
<b>39 Fibre</b>				
39 Fibre Filter Plate Holder	U	12" x 6½"	12	0754-0032

U=Unbound

B=Aluminum Bound

## CAPSHIELDS

For Bill Forward Wear

## 437 CAPSHIELD

(Blade Mount)

DIELECTRIC

0742-0037

- 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.



SH 3



SB 6



SC 3



SC 6/16



## 337 CAPSHIELD

DIELECTRIC

0742-0036

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



## 137 CAPSHIELD

METAL

0742-0049

- Metal device for non-slotted caps.
- Curved aluminum channel and coil spring attachment.



## 37 HATSHIELD

METAL

0742-0035

- Metal device for non-slotted caps.
- Curved aluminum channel and coil spring attachment.
- Allows for attachment of any Jackson visor to protective hat.



## CAP ADAPTERS

With polyethylene spark deflector

## 382 B CAP ADAPTER

DIELECTRIC

0742-0025

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



Can be worn bill forward or backward



## 282 B CAPMOUNT ADAPTER

0742-0024

- Mounts visor instantly on a wide variety of non-slotted 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 with rain troughs.



BILL BACKWARDS



## 182 B CAPMOUNT ADAPTER

METAL

0742-0023

- Permits attachment of any visor/spark deflector combination to any non-slotted cap.
- Not recommended for use with caps with slots.
- Visors secured with integral plastic lugs.



BILL BACKWARDS



## 82 B CAPMOUNT ADAPTER

DIELECTRIC

0742-0022

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



Can be worn bill forward or backward



## 82 BM CAPMOUNT ADAPTER

METAL

0742-0099

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



Can be worn bill forward or backward



\*Dielectric: all exposed parts are either plastic or rubber.



## REVOLUTION GOGGLE

IDEAL FOR CHEMICAL SPLASH AND IMPACT PROTECTION

- VisiClear™ anti-fog coating offers unprecedented anti-fog optics, anti-scratch and anti-static characteristics for extreme visual clarity in all conditions
- Superior style, comfort and fit - Dynaflex® material conforms to the face, stays supple in extreme climates and is easy to clean and sanitize
- Proprietary Cross Vent™ Technology - unique design keeps air flowing in and moisture or chemical splashes out
- Polycarbonate lens provides superior impact resistance, 10% lighter than the competition, provides 99% UV protection and meets ANSI Z87.1+ and CSA Z94.3 standards



Goggle Retainer shown right



LENS COLOR	ITEM NO.
Black Clear	0746-0350
Black Smoke	0746-0351
Black Amber	0746-0352
Black IR 5,0	0746-0353

ACCESSORIES DESCRIPTION	ITEM NO.
Revolution Rx Insert	10505
Goggle Retainer	10511
Goggle Guardian™ Black	10512
Goggle Guardian™ Stars & Stripes	10514

Goggle Guardian™ shown left

## JP 4

IDEAL FOR CHEMICAL SPLASH PROTECTION



0746-0088

- Polycarbonate face shield and anti-fog goggle provide splash and impact protection
- Can be worn with safety cap
- PVC gaskets snugly connect goggle and shield
- Frame/Lens color: Green goggle frame/ Clear anti-fog lens

## SIGHTSHIELD

IDEAL FOR CHEMICAL SPLASH PROTECTION



0746-0045

- Hooded vents for dust, impact and splash protection
- Frame color: Clear
- Lens Options: Clear
- Packaging: 24 per carton

## JP 1

IDEAL FOR IMPACT PROTECTION



0746-0085

- Perforated frame for improved ventilation
- Frame color: Clear
- Lens Options: Clear
- Packaging: 24 per carton

## THE SHIELD

IDEAL FOR CHEMICAL SPLASH PROTECTION



3010343

- Polycarbonate shield
- Provides dust and impact protection
- Detachable goggle

### GUIDE FOR GOGGLE & SPECTACLE APPLICATIONS (AS RECOMMENDED BY ANSI Z87.1)

HAZARD	PROTECTOR TYPE
Flying fragments, large chips, particles, sand, dirt, ect. during grinding, machining, masonry work, riveting, sanding, wood-working, etc.	<ul style="list-style-type: none"> <li>• Spectacles with side shields</li> <li>• Non-vented goggles</li> <li>• Indirect vent goggles</li> <li>• Direct vent goggles</li> </ul>
Splash or irritating mists while handling acids and/or chemicals, degreasing or plating.	<ul style="list-style-type: none"> <li>• Non-vented goggles</li> <li>• Indirect vent goggles</li> </ul>

Our anti-fog lenses have been subjected to extensive testing. These tests, along with on-the-job evaluations, indicate that our anti-fog coating eliminates fogging in 99% of workplace applications. To give you some idea of what the lenses stand up to, here is a list of tests they were subjected to.

**Fog Test:** Lens placed in 0°F temperature for 10 minutes, pulled out to ambient temperature (68-70°F) and held over steam generated by boiling water for 30 seconds.

**Humidity Test:** Lens placed in controlled chamber (90°F, 95% R.H.) for 30 minutes.

**Fog Test:** Lens placed in 120°F temperature for 10 minutes, pulled out to ambient temperature.

**Anti-Static Test:** Lens rubbed 5 times on cotton fabric then held 1" above ash.

**Adhesion Test:** Cross hatching 10" x 10 /8" grid pattern placed on lens surface and coating pulled with a transparent tape to check for delamination.

**Cleaning:** Coating resistant to liquid and/or tissue-type lens cleaners.

**Custom imprint your logo or design on any spectacle! See page 26 for details.**

### LENS SELECTION TIPS:

**Base Curve:** Base curve is the measurement of a spectacle lens or curvature. The higher the base curve, the greater the sweep of the spectacle. This provides more wrap-around protection and peripheral vision and eliminates the need for sideshields.

**Lens Coatings / Tints:** Jackson offers a variety of lens coatings and tint options based on your particular application and budget.

- Hard coated - for scratch resistant
- Anti-Fog - For humid environments and extreme temperature ranges
- Clear - Indoor; UV Protection
- Indoor/Outdoor - Allows more visible light through to enable easy adjustment when moving from inside to outside. Helps reduce glare and increases wearing time
- Uncoated - For economical budgets
  - Smoke - Outdoor; UV Protection
  - Mirror - Outdoor; UV Protection
  - Amber - Enhanced contrast in low-light areas
- IRUV - Infrared shaded lens protects against infrared light and provides excellent protection in cutting and brazing applications

### NEMESIS™

NEW!

Nemesis™

- Sleek, sporty style
- Soft touch temples
- Lightweight design
- Single lens wrap-around protection
- Free neck cord
- Meets ANSI Z87.1+



LENS COLOR	BLACK FRAME
Clear	19804
Clear FogGard® Plus	19805
Smoke Mirror	19806
Indoor/Outdoor	19807
Blue Mirror	19808
Amber	19809
IRUV Shade 3.0	19859
IRUV Shade 5.0	19860

### ELEMENT™

NEW!

element™

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



LENS COLOR	BLACK FRAME
Clear	31005
Smoke	31006
Amber	31007

### ORACLE™

NEW!

ORACLE™

- Full wrap-around lens with side shield protection
- Soft tip temples and pliable nose piece for added comfort and fit
- Meets ANSI Z87.1



LENS COLOR	ITEM NUMBER
Clear	31000
Smoke	31001
Amber	31002
Indoor/Outdoor	31003
Blue Mirror	31004

**ENVISION™**

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



LENS COLOR	BLACK FRAME
Clear FogGard® Plus	19742
Smoke	19743
Amber	19744
Indoor/Outdoor	19745
Blue Mirror	19746

**SENECA™**

- Sleek metal frame.
- Lightweight and comfortable to increase wearing time
- Adjustable nosepiece
- Meets ANSI Z87.1+



LENS COLOR	FRAME COLOR	ITEM NUMBER
Clear	Gold	19700
Clear	Black	19701
Smoke	Black	19702
Amber	Black	19703
Sunburst Mirror	Black	19704
Blue Indoor/Outdoor	Gold	19705
Rainbow Indoor/Outdoor	Gold	19706

**VISIO™**

- One-piece frame
- Adjustable temple
- Sleek, lightweight and comfortable
- Meets ANSI Z87.1+



LENS COLOR	BLACK FRAME	SILVER FRAME
Clear	NA	19492
Smoke	NA	19494
Amber	19496	NA
Blue Mirror	19497	NA
Indoor/Outdoor	19498	NA

**NOMADS**

- Stylish and lightweight
- Detachable side shields
- Meets ANSI Z87.1+ standards with or without side shields
- High quality mirrored lens perfect for different lighting conditions



LENS COLOR	BLACK FRAME	PLATINUM FRAME
Clear	1439-0000	1439-0005
Smoke	1439-0001	1439-0006
Silver Mirror	1439-0002	1439-0007
Metallic Rainbow	1439-0003	1439-0008
Metallic Blue	1439-0004	1439-0009

**LBC-7**

- Sporty, stylish and lightweight
- No-brow design maximizes view
- Flexible cable temples for perfect fit
- Meets ANSI Z87.1+



LENS COLOR	BLACK FRAME
Clear	19515
Smoke	19517
Blue Mirror	19518

**CUDAS™**

- Folded-back lens design for increased peripheral vision and protection
- Slim profile, Cudaslide™ adjustable temple for individual fit with five different lengths
- Meets ANSI Z87.1+ standards
- Meets CSA Z94.3 high impact requirements, but not side shield requirements
- CE Approved for all but IRUV shades



LENS COLOR	BLACK FRAME	BLUE FRAME
Clear	19142	19157
Clear FogGard® Plus	19143	19158
Smoke	19144	19159
Sunburst	19146	N/A
Blue Steel	19147	N/A
IRUV Shade 3.0	19427	N/A
IRUV Shade 5.0	19428	N/A

**LIBERATOR**

- Wrap around lens provides expanded vision and protection
- Soft comfortable nosepiece that fits most faces
- Ventilation channel for increased air flow
- Easy to replace lenses offer economical alternative
- Show patriotism with Red, White and Blue model
- Meets ANSI Z87.1+ standards



LENS COLOR	BLUE/BLACK FRAME	RED/WHITE/BLUE FRAME	REPLACEMENT LENS
Clear	19767	19780	19783
Clear FogGard Plus®	19768	N/A	19784
Smoke	19769	19781	19785
Smoke FogGard Plus®	19770	N/A	19786
Amber	19771	N/A	19787
Blue Mirror	19772	N/A	19788
Indoor / Outdoor	19773	19782	19789

**UNISPEC II™**

- Low-cost wrap-around protection with one-piece, polycarbonate lens
- Meets ANSI Z87.1+ standards and CSA Z94.3 standards. NOTE: IRUV 3.0 & 5.0 DO NOT meet CSA Z94.3 standards
- CE approved (Clear Only)



LENS COLOR	UNCOATED FRAME
Clear	18832
Smoke	19238
IRUV Shade 3.0	19630
IRUV Shade 5.0	19631

**LENS ACCESSORIES****Lens Cleaning Towelettes****27636**

- Wall mount
- 100 individually packaged
- For glass, plastic and polycarbonate lenses, goggles and faceshields
- Anti-fog, anti-static formula

**Deluxe Lens Cleaning Station****27635**

- Sturdy corrugated construction with easy wall mount design
- Contains one 16oz. spray bottle and 100 low lint tissues
- For glass, plastic and polycarbonate lenses, goggles and faceshields
- Anti-fog, anti-static formula

**FOG-GON™****Anti-Fog/Anti-Static Cleaner**

- Use on spectacles, goggles and visors
- Anti-fog, anti-static
- Available in handy individual cleaning cloth packages
- 1/2 and 2oz. bottles with convenient spray top

1/4 oz dropper **80005**1/2 oz spray **80008**2 oz spray **80006**





### ORION 0748-0028

- Low profile, lightweight
- Ergonomic ear cups are individually contoured to each ear for optimal fit and protection
- Folds up for easy, compact storage
- Ultra-soft ear cushions for added comfort
- NRR: 21



### PHOENIX 0748-0029

- Ergonomic ear cups with multiple ear cup adjustment points are individually contoured to each ear for optimal fit and protection
- Rotating ear cups allow earmuff to rest on neck when not in use
- NRR: 25 over-the-head, NRR: 24 behind head, under chin



### FALCON 3011115

- Electronic
- Communicate without removing your hearing protection
- Amplifies low level sounds - limits speaker output to 85 dB
- Dual microphones, volume controls & speakers for natural hearing
- Lightweight - 10 oz. with batteries



### DOUBLE SHOT 3011116

- Earmuff-earplug combination - produces NRR: 36 when used together
- Soft foam disposable earplugs for superior comfort and protection
- Ideal for high noise environments
- Includes Orion earmuff
- NRR: 36



### HP-220 0748-0023

- Lightweight dielectric muff with extra wide cups
- Slide adjustable headband can be worn over the head, under the chin or behind the head
- NRR: 22 in the over-the-head position



### HP-260 0748-0026

- Lightweight muffs feature extra soft, foam vinyl cushions for maximum seal and comfort
- Deep cups provide high levels of protection without added headband pressure
- Folds for convenient carrying and storage
- Low profile, adjustable headband for secure fit
- NRR: 26



### HP-190W 0748-0020

- Streamlined muff allows for use with a welding helmet
- NRR: 19



### HP-230 0748-0021

- 1/2 oz. dielectric band with silicone plugs which mold to ear for custom fit
- Low profile band can be worn behind head or under chin to allow for use with hard hats
- NRR: 23



### Plug Pal 0748-0024

- All-in-one ear plugs and spectacle lanyard
- Fits all head sizes and frame types
- Reusable silicone plugs with trapped air inside for added comfort
- Replacement plugs available (4 pair per package)
- NRR: 25



### HP-22-MB 0748-0022

- For use with universal slot safety caps
- Fully dielectric
- NRR: 22
- Cap sold separately



### HFS-22 0748-0027

- Ear muffs, mounting brackets and cap adapter system provide complete hearing, head and face protection when used with Jackson safety cap, visor and safety spectacles
- NRR: 22
- Cap and faceshield sold separately

Double-Lok ground clamps have forged copper alloy conductors with large contact areas, high clamping pressure and long levered handles for easy jaw opening. The cable jacket is held securely inside the conductor body with a cable bar for improved holding ability and longer cable life. They have fully insulated pivots and springs.

## MODEL GC-2

0702-0001

- 200 Amperes
- 1-1/4 in. Jaw capacity
- No. 4 through 1/0 Cable capacity
- Weight: 16 oz.



## MODEL GC-3

0702-0002

- 300 Amperes
- 1-5/8 in. Jaw capacity
- 1/0 and 2/0 Cable capacity
- Weight: 23 oz.



## MODEL GC-5

0702-0003

- 500 Amperes
- 2 in. Jaw capacity
- 3/0 and 4/0 Cable capacity
- Weight: 34 oz.



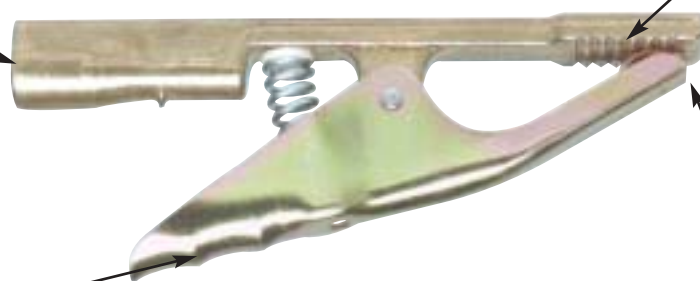
## PRODUCT FEATURES

Large dome screw cable connector for near unbreakable connection

Engineered serrations cut through mill scale and rust

Long-lever, finger-grip contoured handle for easy jaw opening

Extra-large contact areas (1 sq. inch minimum) for greater conductivity



Heavy Duty copper or aluminum alloy models with large dome cable screw connectors for high conductivity and improved cable connections.

## MODEL JH-1

0700-0011

- 250 Amperes
- 3/16 - in. Electrode capacity
- No. 4 through 1/0 Cable capacity
- 50% Duty Cycle Rating\*
- Copper Alloy
- Weight: 12 oz.



## MODEL JH-2

0700-0022

- 200 Amperes
- 5/32 - in. Electrode capacity
- No. 4 through 1/0 Cable capacity
- 45% Duty Cycle Rating\*
- Aluminum Alloy
- Weight: 10 oz.



## MODEL AW-C

0700-0012

- 300 Amperes
- 1/4 - in. Electrode capacity
- No. 4 through 2/0 Cable capacity
- 50% Duty Cycle Rating\*
- Copper Alloy
- Weight: 19 oz.



## MODEL A-W

0700-0019

- 300 Amperes
- 1/4 - in. Electrode capacity
- No. 3 through 2/0 Cable capacity
- 45% Duty Cycle Rating\*
- Aluminum Alloy
- Weight: 14 oz.

Replaceable  
jaws →



## MODEL J-4

0700-0034

- 400 Amperes
- 1/4 - in. Electrode capacity
- No. 2 through 1/0 Cable capacity
- 60% Duty Cycle Rating\*
- Weight: 16 oz.
- Head is @ 45° angle
- Handle adjusts to electrode sizes



## MODEL A3-S

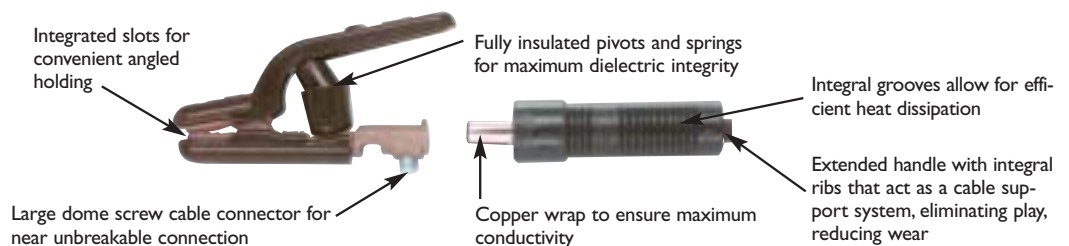
0700-0016

- 500 Amperes
- 3/8 - in. Electrode capacity
- 2/0 through 4/0 Cable capacity
- 60% Duty Cycle Rating\*
- Copper Alloy
- Weight: 30 oz.



## PRODUCT FEATURES

\* Duty Cycle Rating is the maximum percentage of arc time (out of any 10-minute period) that a holder should be expected to perform comfortably.



**UNI-TRIK®** Uni-Trik cable connectors are completely insulated, with no exposed metal, and have large, dome-nose cable screws to ensure a virtually unbreakable, high conductivity connection. Uni-Trik connector halves are compatible with halves of certain other connector makes.

### MODEL UB-1-BP

0704-0200

- for cables No. 4 through No. 1



### MODEL UB-3-BP

0704-0210

- for cables 1/0 through 3/0



### MODEL UB-4-BP

0704-0213

- for cables 3/0 through 4/0



**QUIK-TRIK®** Top-of-the-line Quik-Trik connector halves have Morse-tapered sections that are drawn together with a cam and locking bar for maximum conductivity. They are available with semi-rigid insulators, or with flexible insulators, and tapered ends that cover the cable jacket and lock out moisture, oil and dirt.

### MODEL QNB-2-BP

0704-0001

- for cables 1/0 and 2/0



### MODEL QNB-4-BP

0704-0002

- for cables 3/0 and 4/0



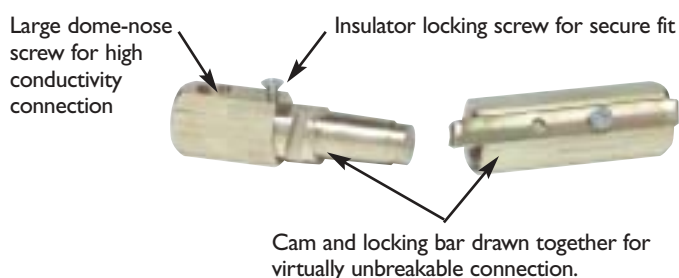
### MODEL QB-2-BP

0704-0004

- for cables 1/0 and 2/0



## PRODUCT FEATURES



## INSULATED CABLE LUGS

Cable lugs give you completely insulated welding machine terminal connections, plus quick-connect convenience.



Model QL B - 45  
Quik-Trik® angled lug, pair:  
0706-0034

Model UL B - 45  
Uni-Trik angled lug, pair:  
0706-0030

## TERMINAL COVERS

The easiest, least costly way to protect against electrical shock from exposed welding machine terminal connections.



Sold in pairs.  
0706-0029



## INTERCHANGEABILITY CHART

Jackson electrode holders and ground clamps have the same performance rating as the following other brands:

### ELECTRODE HOLDERS

JACKSON	TWECO	LENCO
JH-1	A-316	AF-2
JH-2		
A-W		
AW-C	A-732	AF-3
J-4	4-TT	TT-4-B
A3-S	A-38-HD	AF-50

### GROUND CLAMPS

JACKSON	TWECO	LENCO
GC-2	FGC-200	200
GC-3	FGC-300	300
GC-5	FGC-500	500

Jackson Uni-Trik Cable connectors are engineered for interchangeability with other brands. The following chart lists compatibility:

### CABLE CONNECTORS

JACKSON	TWECO	LENCO
UB-1-BP	1-MBP OR 1-MPC	LC-10
UB-2-BP	2-MBP OR 2-MPC	LC-40
UB-4-BP	4-MBP OR 1-MPC	LC-40HD

## IMPRINTING

Jackson offers customers the option to imprint their company name and/or logo on helmets, safety caps and spectacles using the pad printing method. This permanent, low-cost printing process provides an attractive alternative to personalizing welding helmets, safety caps and spectacles. Imprints can be positioned on the front and/or either side of the helmet or safety cap and on each temple on spectacles.

Finished camera-ready artwork (including color separations for multi-colors) should be provided. Camera Ready artwork is defined as "black on glossy white background with sharp images". Jackson can work from printed material or make alterations in design or working, however additional art charges and lead time will apply. The quality of the finished imprint is dependent on the quality of artwork provided. Please allow 10-15 business days upon receipt of approved final artwork.

Contact Customer Service at 1-800-253-7281 for further details.

**Allow for 10% over-run or under-run.**

**Minimum order: 72**

**Dies remain property of Jackson and are reusable for future orders.**

**15 Standard ink colors available.**

**\*Special colors available - minimum quantity 144**

### ARTWORK DIMENSIONS FOR:

**HELMET SIDE** 2½" Diameter 3"W x 2½" H

**HELMET FRONT** 2¾" Diameter 2¾"W x 4" H

### ARTWORK DIMENSIONS FOR SC-3, SC-6, SC-16, SB-6 & BC100

**CAP FRONT, SIDE, OR BACK** 3"W x 2½"H or 2½" Diameter

### ARTWORK DIMENSIONS FOR SH3

**HAT FRONT, SIDE, OR BACK** 3"W x 1½" H or 1½" Diameter

### ARTWORK DIMENSIONS FOR SPECTACLES

SPECTACLE	POSITION AS WORN	PRINT DIMENSIONS
'CUDAS	RIGHT SIDE	5/8"W X 1/8" H
VISIO	RIGHT SIDE	1"W X 1/8" H
ENVISION	LEFT/RIGHT	3/4"W X 1/4" H
UNISPEC II	FRONT LENS	1/4"W X 1/4" H
LBC7	RIGHT SIDE	3/4"W X 1/8" H
LIBERATOR	CONTACT CUSTOMER SERVICE	
NEMESIS	RIGHT SIDE	3/4" H X 1/8" H
ELEMENT	RIGHT SIDE	1"W X 1/8" H
ORACLE	RIGHT SIDE	1"W X 1/8" H

\*Diameter dimensions used on any circular logos.



### **WELDING HELMET**

HSL-100 White with  
American Flag  
**0744-9920**



### **SAFETY CAP**

SC-6/391 White  
Safety Cap  
w/"Let's Go America"  
**0740-8846**

## WARRANTY

Jackson Products warrants all products to be free from defects in material and workmanship. Jackson's sole obligation under this warranty shall be at our option, to repair, replace, or refund the purchase price for any product or portion thereof determined by Jackson to be defective. Warranty claims must be made in writing to the company within ninety (90) days after receipt of product. Jackson shall not be responsible for any indirect or consequential damages arising out of use of any product. This warranty is void on any product that has been tampered with, misused, abused, improperly maintained, used with components other than originally intended Jackson components, or altered in any manner. ***This warranty is made in lieu of all other warranties expressed or implied including, but not limited, to the implied warranties of merchantability and fitness for any particular purpose.*** No deviation from these manufacturer's warranties is authorized.

## SAFETY ORGANIZATIONS

Jackson responds to the requirements or standards of a number of major national and international safety organizations, including:

- The Occupational Safety and Health Administration (OSHA)
- The American National Standards Institute (ANSI) Z89.1 - 2003, Z87.1+ - 2003, S3.19, Z308.1
- The National Safety Council (NSC)\*
- The Industrial Safety Equipment Association (ISEA)\*
- The Safety Equipment Distributors Association (SEDA)\*
- The American Welding Society (AWS)\*
- The National Welding Society (NWSA)\*
- The Canadian Standards Association (CSA) Z94.3-02
- The European Community (CE)
- Eye Safety Industrial Council (ESIC)\*
- Prevent Blindness America\*

\* Jackson Products is an affiliate, associate, supporting or full company member.



# JACKSON PRODUCTS

[www.jacksonproducts.com](http://www.jacksonproducts.com)

## JACKSON PRODUCTS, INC. COMPANIES

[WWW.JACKSONPRODUCTS.COM](http://WWW.JACKSONPRODUCTS.COM)  
[WWW.AMERICANALLSAFE.COM](http://WWW.AMERICANALLSAFE.COM)  
[WWW.SILENCIO.COM](http://WWW.SILENCIO.COM)

[WWW.FLEXOLITE.COM](http://WWW.FLEXOLITE.COM)  
[WWW.SERVMAT.COM](http://WWW.SERVMAT.COM)  
[WWW.TMTPATHWAY.COM](http://WWW.TMTPATHWAY.COM)

## JACKSON PRODUCTS



### World Headquarters

801 Corporate Centre Drive, Ste. 300  
St. Charles, MO 63304  
636-300-2700  
FAX 636-300-2810

### Customer Service Center

5801 Safety Drive N.E.  
Belmont, MI 49306  
**800-253-7281**  
FAX 800-338-4003

