Electrode Holders and Ground Clamps: Applications and Safety

Read this section completely before selecting your Jackson electrode holder. Electrical shock can kill. Do not touch live electrical parts or electrodes with bare skin or work with wet gloves or clothing.

Electrode holders should be used only for electric arc welding and arc cutting. Cable installation instructions must be followed for correct electrical conductivity. Welding gloves must be worn when operating electrode holders.

When selecting an electrode holder the following safety items should be reviewed: maximum amperage rating, duty cycle rating, maximum rod size and minimum cable size.

Electrode Holders
Heavy duty copper and aluminum alloy models with large dome cable screw connectors for high conductivity and improved cable connections.

Electrode holders must not be operated if insulators or handles are damaged or missing. Repair immediately. Never operate any electrode holder at a higher amperage than its maximum amperage rating.

Electrode holders, when not in use, must be placed so that they cannot make electrical contact with persons or conducting objects.

Inspect frequently and immediately replace worn or damaged parts.

For further information on welding safety, see American National Standards Institute Standard Z49.1, available from American National Standards Institute, 1430 Broadway New York, NY 10018.

Electrode Holders and Ground Clamps

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Amperage Capacity</th>
<th>Electrode Capacity</th>
<th>Cable Capacity</th>
<th>Duty Cycle Rating*</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700-0011</td>
<td>250</td>
<td>Up to 3/16</td>
<td>4.8</td>
<td>16-50</td>
<td>50%</td>
<td>8-1/8</td>
</tr>
<tr>
<td>0700-0022</td>
<td>200</td>
<td>Up to 5/32</td>
<td>4.0</td>
<td>16-50</td>
<td>45%</td>
<td>8-1/8</td>
</tr>
</tbody>
</table>

Replaceable jaws; lightweight
Part No: 0700-0019

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Amperage Capacity</th>
<th>Electrode Capacity</th>
<th>Cable Capacity</th>
<th>Duty Cycle Rating*</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700-0019</td>
<td>300</td>
<td>Up to 1/4</td>
<td>6.4</td>
<td>25-70</td>
<td>45%</td>
<td>9-5/8</td>
</tr>
<tr>
<td>0700-0012</td>
<td>300</td>
<td>Up to 1/4</td>
<td>6.4</td>
<td>16-70</td>
<td>50%</td>
<td>9-1/4</td>
</tr>
</tbody>
</table>

Popular medium duty
Part No: 0700-0016

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Amperage Capacity</th>
<th>Electrode Capacity</th>
<th>Cable Capacity</th>
<th>Duty Cycle Rating*</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700-0016</td>
<td>500</td>
<td>Up to 3/8</td>
<td>10.0</td>
<td>70-105</td>
<td>60%</td>
<td>12-1/2</td>
</tr>
</tbody>
</table>

Heavy duty
Part No: 0700-0034

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Amperage Capacity</th>
<th>Electrode Capacity</th>
<th>Cable Capacity</th>
<th>Duty Cycle Rating*</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>0700-0034</td>
<td>400</td>
<td>Up to 1/4</td>
<td>6.4</td>
<td>25-50</td>
<td>60%</td>
<td>8.5</td>
</tr>
</tbody>
</table>

* Duty cycle rating is the maximum percentage of actual arc-time (out of any 10-minute period) that a holder should be expected to perform comfortably.
**Ground Clamps**

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model No.</th>
<th>Amperage Capacity</th>
<th>Jaw Opening</th>
<th>Cable Capacity</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>0702-0001</td>
<td>GC-2</td>
<td>200</td>
<td>Up to 1-1/4</td>
<td>32</td>
<td>4-1/0</td>
<td>16-50</td>
</tr>
<tr>
<td>0702-0002</td>
<td>GC-3</td>
<td>300</td>
<td>Up to 1-5/8</td>
<td>41</td>
<td>1/0-2/0</td>
<td>50-70</td>
</tr>
<tr>
<td>0702-0003</td>
<td>GC-5</td>
<td>500</td>
<td>Up to 2</td>
<td>50</td>
<td>3/0-4/0</td>
<td>50-105</td>
</tr>
</tbody>
</table>

**Cable Clamp Kits**

Package of parts including cable crimping insert and set screws for cable clamps above.

- Part No. 0703-0014- GC-2
- Part No. 0703-0015- GC-3
- Part No. 0703-0016- GC-5

**Uni-Trik Cable Connectors**

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 connectors.

- Part No. 0704-0200- Model UB-1-BP, for cables No. 4 through No. 1.
- Part No. 0704-0210- Model UB-3-BP, for cables No. 1/0 through No. 3/0.
- Part No. 0704-0213- Model UB-4-BP, for cables No. 3/0 through No. 4/0.

**Quik-Trik Cable Connectors**

Quik-Trik connector halves have Morse-tapered sections that are drawn together with a cam and locking bar, for maximum conductivity. Available with flexible insulators, with tapered ends that cover cable jacket and lock out moisture, oil and dirt; or with semi-rigid insulators.

- Model QWNB-BP Whip-Lead
  - For cables No. 4 through 1/0.
  - Part No. 0704-0008
- Part No. 0704-0001- Model QNB-2-BP, for cables No. 1/0 through No. 2/0.
- Part No. 0704-0002- Model QNB-4-BP, for cables No. 3/0 through No. 4/0.
- Part No. 0704-0004- Model QB-2-BP, for cables No. 1/0 through No. 2/0.
### Lugs / Electrode Holder Parts Breakdown

#### Lug-Boot Terminal Covers
This is the easiest, least costly way to protect against electrical shock from exposed welding machine terminal connections, and satisfy specification requirements, too. These soft vinyl covers slide up over lug and cable, and are pulled back down over the completed connection, to cover the bus bar, lug, stud and nut. One size Lug-Boot cover fits all cable from size 6 thru 4/0, and straight or angled style lugs. Sold in pairs.
Part No. 0706-0029

#### Plug-In Insulated Cable Lugs
Plug-in cable lugs give you completely insulated welding machine terminal connections, plus quick-connect convenience. The lug body, with its soft vinyl cover, is secured to the terminal stud. Cable is attached by plugging in a male cable connector half. For use with Uni-Trik or Quik-Trik connectors 1/0 through 4/0 cable sizes.

**Model ULB-45**
Uni-Trik angled lug, pair:
Part No. 0706-0030

**Model QLB-45**
Quik-Trik angled lug, pair:
Part No. 0706-0034

#### Electrode Holder Replacement Parts

##### JH-1 Holder
Part No. 0700-0011 (250 Amps)

![JH-1 Holder Diagram](image)

Not Shown: 0701-0074 Cable kit (includes Copper Wrap & (2) set screws)

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0701-0071</td>
<td>Handle</td>
</tr>
<tr>
<td>B</td>
<td>0701-0073</td>
<td>Handle screw</td>
</tr>
<tr>
<td>C</td>
<td>0701-0063</td>
<td>Lever</td>
</tr>
<tr>
<td>D</td>
<td>0701-0044</td>
<td>Spring</td>
</tr>
<tr>
<td>E</td>
<td>0701-0050</td>
<td>Upper nose</td>
</tr>
<tr>
<td>F</td>
<td>0701-0009</td>
<td>Upper tong</td>
</tr>
<tr>
<td>G</td>
<td>0701-0034</td>
<td>Tong pin</td>
</tr>
<tr>
<td>H</td>
<td>0701-0018</td>
<td>Lower tong</td>
</tr>
<tr>
<td>I</td>
<td>0701-0050</td>
<td>Lower nose</td>
</tr>
<tr>
<td>J</td>
<td>0701-0059</td>
<td>Insulator screw (100)</td>
</tr>
</tbody>
</table>

##### JH-2 Holder
Part No. 0700-0022 (Aluminum 200 Amps)

![JH-2 Holder Diagram](image)

Not Shown: 0701-0075 1 Cable kit (includes Copper Wrap & (2) set screws)

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0701-0071</td>
<td>Handle</td>
</tr>
<tr>
<td>B</td>
<td>0701-0073</td>
<td>Handle screw</td>
</tr>
<tr>
<td>C</td>
<td>0701-0063</td>
<td>Lever</td>
</tr>
<tr>
<td>D</td>
<td>0701-0044</td>
<td>Spring</td>
</tr>
<tr>
<td>E</td>
<td>0701-0050</td>
<td>Upper nose</td>
</tr>
<tr>
<td>G</td>
<td>0701-0034</td>
<td>Tong pin</td>
</tr>
<tr>
<td>I</td>
<td>0701-0050</td>
<td>Lower nose</td>
</tr>
<tr>
<td>J</td>
<td>0701-0039</td>
<td>Upper jaw</td>
</tr>
<tr>
<td>K</td>
<td>0701-0040</td>
<td>Lower jaw</td>
</tr>
<tr>
<td>L</td>
<td>0701-0059</td>
<td>Insulator screw (100)</td>
</tr>
</tbody>
</table>

##### J4 Holder
Part No. 0700-0034 (400 Amps)

![J4 Holder Diagram](image)

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0700-0035</td>
<td>Head Assembly</td>
</tr>
</tbody>
</table>
**AWC Holder**
Part No. 0700-0012 (300 Amps)

Not Shown: 0701-0075 Cable kit (includes Copper Wrap & (2) set screws)

**AW Holder**
Part No. 0700-0019 (Aluminum 300 Amps)

Not Shown: 0701-0075 Cable kit (includes Copper Wrap & (2) set screws)

**A3-S Holder**
Part No. 0700-0016 (500 Amps)

Not Shown: 0701-0070 Cable kit (includes Copper Wrap & (2) set screws)
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” × 4-1/2” plate.
  Part No. 20095 Shade 5

**3080**
- Rigid plastic with 2” × 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

---

**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!

---

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

**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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3005068</td>
<td>Blue frame, clear lens</td>
</tr>
<tr>
<td>3005069</td>
<td>Blue frame, clear fogless lens</td>
</tr>
<tr>
<td>3005070</td>
<td>Smoke frame, clear lens</td>
</tr>
<tr>
<td>3005071</td>
<td>Smoke frame, clear lens</td>
</tr>
</tbody>
</table>

**WS Series**
- Flexible frame goggles
- Available with fixed or lift

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0746-0505</td>
<td>Model WS-80, Fixed Front, Shade #5</td>
</tr>
<tr>
<td>0746-0515</td>
<td>Model WS-85, Lift Front, Shade #5</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0746-0223</td>
<td>Model WR-60 with elastic headband.</td>
</tr>
<tr>
<td>0746-0315</td>
<td>Model WA-60 with Adjust-O-Lok headgear.</td>
</tr>
</tbody>
</table>

**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).

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0746-0103</td>
<td></td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0746-0235</td>
<td>Model WR-600 with elastic headband.</td>
</tr>
<tr>
<td>0746-0325</td>
<td>Model WA-600 with Adjust-O-Lok headgear.</td>
</tr>
</tbody>
</table>

**WR-70**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0746-0209</td>
<td></td>
</tr>
</tbody>
</table>
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.


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.

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.

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 in nosepiece channels away sweat.
- Meets ANSI Z87.1+ standards.

Part No. Magnification
3013305 1.0
3013306 1.5
3013307 2.0
3013308 2.5
3013309 3.0
Smith & Wesson Safety Eyewear

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.

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

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3013122</td>
<td>Clear</td>
</tr>
<tr>
<td>3013123</td>
<td>Yellow</td>
</tr>
<tr>
<td>3013124</td>
<td>Smoke</td>
</tr>
<tr>
<td>3013125</td>
<td>I/O</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3011685</td>
<td>Black frame, copper blue block lens</td>
</tr>
<tr>
<td>3011687</td>
<td>Black frame, clear lens</td>
</tr>
<tr>
<td>3011688</td>
<td>Black frame, mirror lens</td>
</tr>
<tr>
<td>3011689</td>
<td>Platinum frame, orange lens</td>
</tr>
<tr>
<td>3011690</td>
<td>Black frame, smoke lens</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<td>3011698</td>
<td>Chrome frame, blue mirror lens</td>
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<td>3011699</td>
<td>Black frame, clear lens</td>
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<tr>
<td>3011701</td>
<td>Metallic gray frame, gradient smoke lens</td>
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<tr>
<td>3011702</td>
<td>Black frame, mirror lens</td>
</tr>
<tr>
<td>3011703</td>
<td>Black frame, smoke lens</td>
</tr>
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Phantom™
- Futuristic, frameless design with lens, hinge and nose pad post molded as one unit.
- Distortion free protection.
- Meets ANSI Z87.1+ standards.

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<th>Description</th>
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<td>3011693</td>
<td>Pewter frame, clear + fogless lens</td>
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<td>3011694</td>
<td>Pewter frame, clear lens</td>
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<td>3011695</td>
<td>Copper frame, orange lens</td>
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<td>3011697</td>
<td>Chromium frame, mirror lens</td>
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Smith & Wesson Safety Eyewear

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. 3012789

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
<table>
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<th>Lens/Magnification</th>
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<td>Clear/+1.5</td>
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<td>3011718</td>
<td>Clear/+2.0</td>
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<td>3011719</td>
<td>Clear/+2.5</td>
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<td>3011720</td>
<td>Clear/+3.0</td>
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<tr>
<td>3011724</td>
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<td>3011725</td>
<td>Brown/+2.0</td>
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<tr>
<td>3011726</td>
<td>Brown/+2.5</td>
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<tr>
<td>3013933</td>
<td>IRUV shade 5.0/+1.5</td>
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<td>3013968</td>
<td>IRUV shade 5.0/+2.0</td>
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<tr>
<td>3013969</td>
<td>IRUV shade 5.0/+2.5</td>
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</tr>
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</table>
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

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

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

Part No. 3014253

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

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

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
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

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

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

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

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

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

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.

Element™
- Single lens with molded nosepiece.
- Economical.
- Lightweight design.
- Meets ANSI Z87.1+ standards.

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.

Safety Eyewear Accessories

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

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

<table>
<thead>
<tr>
<th>Part No.</th>
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<th>Part No.</th>
<th>Color</th>
<th>Part No.</th>
<th>Badgeholder Color</th>
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<td>19238</td>
<td>Smoke</td>
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<td>19630</td>
<td>IRUV shade 3.0</td>
<td>19631</td>
<td>IRUV shade 5.0</td>
<td>3005250</td>
<td>Royal blue</td>
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<tr>
<td>1439-0000</td>
<td>Clear</td>
<td>1439-0001</td>
<td>Smoke</td>
<td>3005251</td>
<td>Navy</td>
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<td>1439-0002</td>
<td>Silver mirror</td>
<td>1439-0003</td>
<td>Metallic rainbow</td>
<td>3005248</td>
<td>Assorted</td>
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<tr>
<td>1439-0004</td>
<td>Metallic blue</td>
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<td>3005207</td>
<td>Blue</td>
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<td>Green</td>
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<td>Assorted large frame</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>3005248</td>
<td>Assorted</td>
</tr>
</tbody>
</table>
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

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.

HSL100 NexGen® EQC®
- 3N1 technology allows three modes of operation: weld (shades 9-13), grind (3), or cut (5).
- Two independent sensors.
Part No: 0744-0705

Halo X NexGen® EQC®
- Extreme lightweight shell design - weighs only 6 oz.
- Hydraflex™ shell for the ultimate in flexibility and durability.
- Ergonomic lightweight design reduces neck tension and fatigue.
- Available in multiple styles.

**Best**

Boss EQC® Cartridge
- Large 13.2 square inch viewing area.
- 3N1 technology allows three modes of operation: weld (shades 9-13), 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.
- Hydraflex™ 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

Welding Helmets and Cartridges
**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

---

<table>
<thead>
<tr>
<th>Auto Darkening Lens Features</th>
<th>Boss</th>
<th>NexGen®</th>
<th>Professional Variable</th>
<th>Professional Shade 10</th>
<th>Journeyman Variable</th>
<th>Journeyman Shade 10</th>
<th>Apprentice</th>
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<tbody>
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<td>1-3/4” x 3-3/4” Viewing Area</td>
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<td>3-3/4” x 3-1/2” Viewing Area</td>
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<td>Solar Battery Life Extender</td>
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<td>Variable Shades 9 - 13</td>
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<tr>
<td>3N1 - Grind, Weld, Cut</td>
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<tr>
<td>Intellisense™ (Allows for 5 Amp &amp; Below)</td>
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**www.middlesexgases.com**
### 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.)

---

**Shadow Series**

<table>
<thead>
<tr>
<th>Description</th>
<th>Variable</th>
<th>Variable HTLS</th>
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<td>Professional</td>
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<td>0744-0665</td>
<td>0744-0761</td>
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<td>Master</td>
<td>0744-0660</td>
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<td>Executive</td>
<td>0744-0751</td>
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<td>NexGen®</td>
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**Fixed front**

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<td>NexGen®</td>
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**Shadow® Welding Helmet Selector Chart**

<table>
<thead>
<tr>
<th>Description</th>
<th>w/headgear</th>
<th>w/cap blades</th>
<th>w/quick-detach</th>
<th>w/cap mount adapter</th>
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<tr>
<td>Shadow® Series</td>
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<td></td>
<td>Blue</td>
<td>HSL100B</td>
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<td></td>
<td>Red</td>
<td>HSL100R</td>
<td>0744-0506</td>
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<td>HSL2-86M</td>
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<td>Red</td>
<td>HSL2R</td>
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**Miscellaneous Welding Helmet Selector Chart**

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<th>Description</th>
<th>w/headgear</th>
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<th>w/quick-detach</th>
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<tr>
<td>Fiberglass Helmets</td>
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<td>Curved Shell Large Lens</td>
<td>H-100-A</td>
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<td>H-100-86</td>
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<td>Curved Shell Lift Front</td>
<td>H2-A</td>
<td>0744-0004</td>
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<td>Integral Front</td>
<td>HM-1A</td>
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<td>Pipe Line Style</td>
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<td>Respirator-Adapted Shell Lift Front</td>
<td>HR-2A</td>
<td>0744-0069</td>
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<td>Narrow Shell Lift Front</td>
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<td>Straight Shell Lift Front</td>
<td>H9-A</td>
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<td>H9-187</td>
<td>0744-0194</td>
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<td>Hand Shields/Curved Fiberglass</td>
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<tr>
<td>Large Lens</td>
<td>H-500</td>
<td>0744-0016</td>
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<td>Integral Front</td>
<td>HM-5</td>
<td>0744-0037</td>
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</table>
Welding Helmets

Halo X Helmets

The Extreme Lightweight Welding Helmet by Jackson
• Extreme lightweight shell design - weighs only 6 oz.
• Hydraflex 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.

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.

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 287.1 standards.

Part No. Description
Halo X Passive Helmets
3013597 Halo X Heavy Metal w/Shade 10
3013594 Halo X I 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 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 w/NexGen®
3013589 Halo X Razor w/NexGen®
3013586 Halo X Yellow Flames w/NexGen®
3013595 Halo X Heavy Metal w/NexGen®

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

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

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
### 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-5 Integral Front**
Part No. 0744-0037

**H-500 Large Lens**
Part No. 0744-0016

**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

**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

**(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

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

**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™

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. 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

430P
- Easy to use lift front glass holder.
Part No. 25029

490P
- Quick Slide™ glass holder.
Part No. 25062
Welding Helmets and Accessories

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

860P
- Lift-front glass holder.
  Part No. 25048

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

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

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.

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.


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.


Lens and Plate Selection Chart

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Per Carton</th>
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<tr>
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<td>46-H</td>
<td>Shade 5, pr.</td>
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<td>53-H</td>
<td>Shade 5</td>
<td>50</td>
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<td>54</td>
<td>Glass</td>
<td>50</td>
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<td>0752-0151</td>
<td>54-PC</td>
<td>Polycarbonate</td>
<td>50</td>
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</tbody>
</table>

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 welding 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.)
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

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

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

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

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® 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

911P with AutoView® 1100BL
Part No. 25142

1105BL Shade 10
- Operates on two AAA batteries.
- Clear state is shade 3.0.
Part No. 30100

911P with AutoView® 1100BL
Part No. 25142
### Cover Lenses

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Part No.</th>
<th>Size</th>
<th>Material</th>
<th>Type</th>
<th>Standard Packing</th>
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<tbody>
<tr>
<td>40089</td>
<td>339</td>
<td>2&quot; x 4-1/4&quot;</td>
<td>Thermally set plastic</td>
<td>Cover lens</td>
<td>50/box</td>
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<tr>
<td>40093</td>
<td>339-L</td>
<td>4-1/2&quot; x 5-1/4&quot;</td>
<td>Thermally set plastic</td>
<td>Cover lens</td>
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### Safety Plates

<table>
<thead>
<tr>
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<th>Part No.</th>
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<td>40015</td>
<td>235-6</td>
<td>4-1/2&quot; x 5-1/4&quot;</td>
<td>.060&quot; Polycarbonate</td>
<td>Safety/cover lens</td>
<td>50/box</td>
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<td>40168</td>
<td>435-6</td>
<td>2&quot; x 4-1/4&quot;</td>
<td>.060&quot; Polycarbonate</td>
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### Filter Lenses

<table>
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<th>Standard Packing</th>
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<td>40031</td>
<td>427 SH. 6</td>
<td>2&quot; x 4-1/4&quot;</td>
<td>Polycarbonate</td>
<td>High impact resistance</td>
<td>25/box</td>
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<tr>
<td>40033</td>
<td>427 SH. 8</td>
<td>2&quot; x 4-1/4&quot;</td>
<td>Polycarbonate</td>
<td>High impact resistance</td>
<td>25/box</td>
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<tr>
<td>40037</td>
<td>427 SH. 10</td>
<td>2&quot; x 4 1/4&quot;</td>
<td>Polycarbonate</td>
<td>High impact resistance</td>
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<tr>
<td>40059</td>
<td>1127 SH. 10</td>
<td>4-1/2&quot; x 5-1/4&quot;</td>
<td>Polycarbonate</td>
<td>Conforms to Federal specs</td>
<td>1/box</td>
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<td>40061</td>
<td>1127 SH. 12</td>
<td>4-1/2&quot; x 5-1/4&quot;</td>
<td>Polycarbonate</td>
<td>Conforms to Federal specs</td>
<td>1/box</td>
</tr>
<tr>
<td>40156</td>
<td>1227 SH. 4</td>
<td>50 mm</td>
<td>Polycarbonate</td>
<td>Fits 50 mm lens holders</td>
<td>25/box</td>
</tr>
<tr>
<td>40157</td>
<td>1227 SH. 5</td>
<td>50 mm</td>
<td>Polycarbonate</td>
<td>Fits 50 mm lens holders</td>
<td>25/box</td>
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<tr>
<td>40158</td>
<td>1227 SH. 6</td>
<td>50 mm</td>
<td>Polycarbonate</td>
<td>Fits 50 mm lens holders</td>
<td>25/box</td>
</tr>
</tbody>
</table>

* 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 Jackets!**

- **Part No. 940-1**
- **Part No. 710-1**

www.middlesexgases.com
## Helmet Replacement Parts

### HSL-100
Part No. 0744-0504

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>0745-0045</td>
<td>251 light seal gasket</td>
</tr>
<tr>
<td>B</td>
<td>0752-0161</td>
<td>97-PC safety plate</td>
</tr>
<tr>
<td>C</td>
<td>40059</td>
<td>1127 filter lens, shade 10 polycarbonate</td>
</tr>
<tr>
<td>D</td>
<td>0745-0031</td>
<td>853 retainer spring</td>
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**Not Shown**

<table>
<thead>
<tr>
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<tr>
<td>0745-0073</td>
<td>270-S headgear</td>
</tr>
<tr>
<td>0743-0010</td>
<td>170 headgear</td>
</tr>
<tr>
<td>0745-0001</td>
<td>187-S mounting blade kit</td>
</tr>
<tr>
<td>0745-0029</td>
<td>98-3 large window mag lens holder</td>
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### HSL-1
Part No. 0744-0512

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<td>224 light seal gasket</td>
</tr>
<tr>
<td>B</td>
<td>0752-0151</td>
<td>54-PC safety plate</td>
</tr>
<tr>
<td>C</td>
<td>40037</td>
<td>427 filter lens, shade 10 polycarbonate</td>
</tr>
<tr>
<td>D</td>
<td>0745-0017</td>
<td>Lens retainer kit</td>
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<tr>
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### HSL-2
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<tr>
<td>B</td>
<td>0752-0151</td>
<td>54-PC safety plate</td>
</tr>
<tr>
<td>C</td>
<td>40037</td>
<td>427 filter lens, shade 10 polycarbonate</td>
</tr>
<tr>
<td>D</td>
<td>0745-0013</td>
<td>63 retainer spring</td>
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<tr>
<td>E</td>
<td>0752-0151</td>
<td>54-PC safety plate</td>
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<td>F</td>
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<td>0745-0001</td>
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</table>
### Eye, Face, and Head Protection

#### H2A, H4A, H9A & HR2A

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<td>0744-0009</td>
<td>Part No. 0744-0069</td>
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#### H100 & H500

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#### HM1A & HM5

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<td>Part No. 0744-0037</td>
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#### Parts Breakdown

<table>
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<th>Description</th>
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</thead>
<tbody>
<tr>
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<tr>
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<td>0752-0151</td>
<td>54-PC safety plate</td>
</tr>
<tr>
<td>C</td>
<td>40037</td>
<td>427 filter lens, shade 10 polycarbonate</td>
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<td>D</td>
<td>0745-0013</td>
<td>63 retainer spring</td>
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<tr>
<td>E</td>
<td>0745-0034</td>
<td>66-7 inner lens retainer</td>
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<td>F</td>
<td>0752-0151</td>
<td>54-PC safety plate</td>
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<td>G</td>
<td>0745-0006</td>
<td>58 retainer spring</td>
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<td>H</td>
<td>0745-0005</td>
<td>66 lift-front unit</td>
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Not Shown:
- 0743-0010 170 headgear
- 0745-0025 187-K mounting blade kit

<table>
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</thead>
<tbody>
<tr>
<td>A</td>
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<td>200-5P large lens spring</td>
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<td>B</td>
<td>40059</td>
<td>1127 filter lens, shade 10 polycarbonate</td>
</tr>
<tr>
<td>C</td>
<td>0752-0161</td>
<td>97-PC safety plate</td>
</tr>
<tr>
<td>D</td>
<td>0745-0045</td>
<td>251 light seal gasket</td>
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Not Shown:
- 0743-0010 170 headgear
- 0745-0025 187-K mounting blade kit

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<td>427 filter lens, shade 10 polycarbonate</td>
</tr>
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<td>C</td>
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<td>54-PC safety plate</td>
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Not Shown:
- 0743-0010 170 headgear
- 0745-0025 187-K mounting blade kit
## Parts Breakdown

**HM-1-PW**

Part No. 0744-0081

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<tbody>
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<td>224 light seal gasket</td>
</tr>
<tr>
<td>B</td>
<td>0752-0151</td>
<td>54-PC safety plate</td>
</tr>
<tr>
<td>C</td>
<td>3000645</td>
<td>427 filter lens, shade 10 polycarbonate</td>
</tr>
<tr>
<td>D</td>
<td>0745-0009</td>
<td>258 lens spring</td>
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</table>

**Not Shown**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>0745-0047</td>
<td>170-P headgear</td>
</tr>
<tr>
<td>0745-0025</td>
<td>187-K mounting blade kit</td>
</tr>
</tbody>
</table>

### 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**

**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**

**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**
**Eye, Face, and Head Protection**

**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.

---

- 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 EQCs – 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

### 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.

#### 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

---

*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. 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.*

---

**Part No. Description**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0744-1024</td>
<td>with fixed lens – 4” x 5”</td>
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<tr>
<td>0744-1026</td>
<td>with EQC Executive V HTLS</td>
</tr>
<tr>
<td>0744-1027</td>
<td>with EQC Professional V</td>
</tr>
<tr>
<td>0744-1028</td>
<td>with EQC Master 3N1</td>
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<tr>
<td>0744-1045</td>
<td>with EQC NexGen</td>
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<tr>
<td>0744-1050</td>
<td>with EQC NexGen</td>
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**Part No. Description**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>3010343*</td>
<td>Blue frame, clear lens</td>
</tr>
<tr>
<td>3010345</td>
<td>Black frame, IRUV 3.0 lens</td>
</tr>
<tr>
<td>3010346</td>
<td>Black frame, IRUV 5.0</td>
</tr>
<tr>
<td>3010352</td>
<td>25/pkg</td>
</tr>
</tbody>
</table>

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

---
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 face shields, 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.

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.

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 napel strap and soft, absorbent cloth sweatband for a firm, comfortable fit.
- Ratchet suspension (391)
- Packed 12/carton

SC6

Type 1, Class G, E & C
- Slotted design constructed of durable but lightweight dielectric plastic with impact absorbing design.
- Deep napel strap and soft, absorbent cloth sweatband for a firm, comfortable fit.
- Available with standard (491) or ratchet suspension (391)
- Packed 12/carton

SC16

Type 1, Class G & C
- Slotted design constructed of fiberglass material with impact absorbing design.
- Deep napel strap and soft, absorbent cloth sweatband for a firm, comfortable fit.
- Typically used for high heat applications.
- Ratchet suspension (391)
- Packed 12/carton

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.

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.
**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

**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.

**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.

**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**
---|---
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

---

**Part No.** | **Description**
---|---
3014875 | Yellow
3014874 | White
3014902 | Green
3014876 | Blue
3014877 | Orange
3014878 | Red
3014982 | Hi Viz Orange
3014989 | Orange

**Part No.** | **Description**
---|---
3013362 | White
3013364 | Blue
3013365 | Lime
3013366 | Gray
3013368 | Orange
3013369 | Green
3013370 | Yellow
3013403 | Replacement suspension

**Part No.** | **Description**
---|---
3013392 | White
3013393 | Blue
3013394 | Red
3013398 | Orange
3013400 | Yellow
3013403 | Replacement suspension

**Part No.** | **Description**
---|---
0740-0015 | 3012333 Yellow
0740-0016 | 3012332 White
0740-0017 | 3012335 Green
0740-0018 | 3012334 Blue
0740-0019 | 3012337 Orange
0740-0020 | 3012336 Red
0740-0020 | 3002432 199 Replacement suspension

**Visor (clear) for Bump Cap w/Attachment**
- Visor PETG 6 x 15.5 x .040”
- Visor PETG 8 x 15.5 x .040”

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

<table>
<thead>
<tr>
<th>Part No.</th>
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<td>3013273</td>
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</tr>
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<td>3013274</td>
<td>Smith &amp; Wesson Gray</td>
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<tr>
<td>3010979</td>
<td>4pt suspension</td>
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</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
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<th>Description</th>
<th>Ratchet (6 pt)</th>
<th>Pinlock (6 pt)</th>
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<td>Replacement suspension</td>
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**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**

**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**
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**

**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**

**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**
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 face shields 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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Face Shield Window</th>
<th>Color</th>
<th>Binding</th>
<th>Dimensions</th>
<th>Quantity per Carton</th>
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AP=Aluminum Bound
U=Unbound

For more information, visit www.middlesexgases.com
### Safety Cap Attachment Chart

#### 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 devise 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
## 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®.

### 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.

### Schedule “C” Visors
Fits Huntsman® headgears and brackets.

### 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.

<table>
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<tr>
<th>Part No.</th>
<th>Item No.</th>
<th>Size</th>
<th>Material</th>
<th>Binding</th>
<th>Std Packaging</th>
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**Headgear**

**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

**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

**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 287.1
Part No. 0742-0020 - 170-SB
Part No. 0742-9802 - 170-SB/Bulk: 40 ctn.

**Model 131-B**
- Economical headgear based on model 170-SB (above) with a non ratchet suspension.
Part No. 0742-0021

**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

**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

**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

**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 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

**Model C Bracket**
- Fits most safety caps.
- Simple “on-off” attachment/replacement.
- Holds a variety of Huntsman® visors.
Part No. 10200

**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

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- Meets CSA standards.
Part No. 10217

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Part No. 10217

**Model C Bracket**
- Fits most safety caps.
- Simple “on-off” attachment/replacement.
- Holds a variety of Huntsman® visors.
Part No. 10200
**Vibe™**
- New Innovative design.
- Adjustable, soft padded headband that adjusts to fit all heads.
- Durable thermoplastic material retains its shape and pressure for consistent noise reduction.
- Provides uniform headband pressure for a comfortable fit.
- Well sized inner-hole provides plenty of room and comfort.
- Headband models and a slim cap-mounted design that's flexible and durable.
- Dielectric product.

**Suppressor Earmuff - NRR 25**
- Pivoting cup attachments for equal pressure distribution.
- Contoured, padded headband.
- Rugged non-conductive plastic construction.
- Easy slide cup adjustment.
- Smith & Wesson logo imprinted on each cup.
Part No. 3011832

**Falcon™ Earmuff - NRR 22**
- 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.
Part No. 3011115
Part No. 3012563- with Smith & Wesson Active Listening Hearing Protector

**Jammer™ AM/FM Stereo Radio - NRR 25**
- Over-the-head.
- Powered by 2, easy to change AA batteries that provide approximately 300 hours of use.
- Frequency range: AM range is 540 – 1700HZ and FM range: 88 – 108MHZ.
- High quality sound and reception.
- Moisture proof compartment for electronic assembly ideal for use in plants, forestry and yard work.
- 12 month manufacturer warranty.
Part No. 3015094

**Onyx Earmuff - NRR 23 or NRR 26**
- Economic and lightweight.
- Ultra-soft ear cushions for extra comfort.
- Ball and socket pivoting cup attachment for optimum pressure distribution.
Part No. 3015085- NRR 23
Part No. 3015086- NRR 26

**KnightHawk Digital Electronic Hearing Protector - NRR 21**
- Active Listening circuitry amplifies low level sounds while limiting speaker output to 82 dB.
- Superior sound quality with dual microphones and automatic 4-hour shut-off feature.
- 2 AAA batteries included.
Part No. 36412019

**HP-190W - NRR 19**
- Streamlined muff allows for use with a welding helmet.
- NRR:19
Part No. 0748-0020

**HFS-22 Earmuff - NRR 22**
- Ear muffs, mounting brackets and cap adapter system provides complete hearing head and face protection when used with Jackson safety cap, visor and safety spectacles.
Part No. 0748-0027

**HP-22-MB Earmuff - NRR 22**
- For use with universal slot safety caps.
- Fully dielectric.
Part No. 0748-0022

**Quick-Fit® Corded Ear Plugs - NRR 22 & 25**
- Triple-flange design offers fast, comfortable insertion and effective noise prevention.
- Flexible material for a superior seal.
- Corded for loss prevention.
Part No. 3011831- 100/box

**Soft Foam Ear Plugs**
- Offer superior comfort and outstanding protection.
- 200 pair dispenser - individually bagged.
- Tapered shape for easy insertion.
- Disposable.
- Fits almost any ear canal.
Part No. 3013911- 200/box

---

**Hearing Protection**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>NRR</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3015087</td>
<td>23</td>
<td>Headband</td>
</tr>
<tr>
<td>3015089</td>
<td>26</td>
<td>Headband</td>
</tr>
<tr>
<td>3015090</td>
<td>29</td>
<td>Headband</td>
</tr>
<tr>
<td>3015091</td>
<td>22</td>
<td>Capmount</td>
</tr>
<tr>
<td>3015092</td>
<td>25</td>
<td>Capmount</td>
</tr>
<tr>
<td>3015093</td>
<td>28</td>
<td>Capmount</td>
</tr>
</tbody>
</table>
**DryBrow® Sweatbands**

To Use: Dip in cool water, remove excess water and place on forehead.

- **H22008**
  - Deluxe, full size (8-5/8’ long)
  - Packaged 25/bag
  - Individually sleeved for increased shelf life
  - Part No. 45035

- **H22013**
  - Economically priced
  - Full size (8-5/8’ long)
  - Packaged 100/bag
  - Part No. 45037

- **H22010**
  - Deluxe clip-on, full-size (8-5/8’ long)
  - Fits hard hats, welding helmets and sand blast hoods
  - Packaged 25/bag
  - Part No. 45036

**Washable Cloth Sweatband**

- Absorbs perspiration
- Comfortable, durable & washable.
- Comes in a pack of two.
- Part No. 3011537

**ANSI 2-Tone Vest**

Class 2

- Soft, lightweight, machine washable, fluorescent, polyester fabric
- Fluorescent trim with wide super bright silver retroreflective tape
- Adjustable panel-belt system for tailored fit over bulky clothes
- 2 inside and 1 outside pockets with shoulder mic/antenna tab

- **Part No. 3012972-2X-5X**
- **Part No. 3012870-M-XL**

**Winter Liners**

- **Part No. RG200**
- **Part No. LB600**
- **Part No. LZ620**
- **Part No. SB505**
- **Part No. SS550**
- **Part No. SS551**
- **Part No. SF560**
- **Part No. SX700**
- **Part No. MP400**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RG200</td>
<td>Gold 100% cotton flannel</td>
<td>Gold 100% cotton flannel</td>
<td>1</td>
<td>Regular</td>
<td>None</td>
<td>Yes</td>
<td>Flame retardant until washed</td>
</tr>
<tr>
<td>LB600</td>
<td>Navy 100% cotton twill</td>
<td>Red heavyweight fleece</td>
<td>2</td>
<td>Extra long</td>
<td>Fleece, fasteners</td>
<td>Yes</td>
<td>None</td>
</tr>
<tr>
<td>LZ620</td>
<td>Navy cotton w/ fleece lining</td>
<td>Black zippered 100% polyester</td>
<td>N/A</td>
<td></td>
<td>Fleece, polyester</td>
<td>Yes</td>
<td>Button closure, no metal parts</td>
</tr>
<tr>
<td>SB505</td>
<td>Navy 100% cotton twill</td>
<td>Red heavyweight fleece</td>
<td>2</td>
<td>Shoulder</td>
<td>Fleece, fasteners</td>
<td>Yes</td>
<td>None</td>
</tr>
<tr>
<td>SS550</td>
<td>Navy 100% cotton twill</td>
<td>White sherpa</td>
<td>2</td>
<td>Shoulder</td>
<td>Fasteners</td>
<td>Yes</td>
<td>Outer shell and binding flame retardant until washed</td>
</tr>
<tr>
<td>SS551</td>
<td>Navy 100% cotton twill</td>
<td>White sherpa</td>
<td>2</td>
<td>Shoulder</td>
<td>Fasteners</td>
<td>Yes</td>
<td>Removable mouthpiece</td>
</tr>
<tr>
<td>SF560</td>
<td>Charcoal heavyweight fleece</td>
<td>Charcoal heavyweight fleece</td>
<td>2</td>
<td>Shoulder</td>
<td>Fleece, fasteners</td>
<td>Yes</td>
<td>Binding flame retardant until washed</td>
</tr>
<tr>
<td>SX700</td>
<td>Navy 100% Nomex®</td>
<td>Charcoal proban cotton backing, mod acrylic padding</td>
<td>3</td>
<td>Shoulder</td>
<td>Binding, velcro</td>
<td>Yes</td>
<td>None</td>
</tr>
<tr>
<td>MP400</td>
<td>Navy cotton and binding</td>
<td>Red cotton and binding</td>
<td>2</td>
<td>N/A</td>
<td>Cotton and binding flame retardant until washed</td>
<td>No</td>
<td>Mouthpiece</td>
</tr>
</tbody>
</table>
**Pack and Pop Cones**
- Constructed of orange waterproof nylon.
- Internal light has two settings: steady burn and flashing.
- Collapses flat for easy storage.
- Available in packs of 4 with one carrying bag included.
- Meets MUTCD standards.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3012917</td>
<td>28&quot; safety cone w/light</td>
</tr>
<tr>
<td>3012918</td>
<td>18&quot; safety cone w/light</td>
</tr>
</tbody>
</table>

**Lamba® Floor Warning Signs**
Protect yourself from liability issues with the first name in slip, trip, and fall protection. Lambda® Systems, with its patented design, offers the original four-sided cone with a variety of messages, languages and accessories, including chain links and lock-in-signs. They can be stacked in just one square foot of space when not in use.

**Floor Stands**
- 2' x 4'.
- Lightweight.
- Corrosion resistant and moisture proof.
- Folds flat for easy storage.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>24102</td>
<td>Caution, Wet Floor</td>
</tr>
<tr>
<td>24106</td>
<td>Wet Floor, Piso Mojado</td>
</tr>
</tbody>
</table>

**Standard Cones and Accessories**
- 36" in height.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>23870</td>
<td>&quot;Caution, Wet Floor&quot;</td>
</tr>
<tr>
<td>23879</td>
<td>“Cuidado Piso Mojado, Wet Floor”</td>
</tr>
<tr>
<td>23887</td>
<td>“Caution” (only)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>26400</td>
<td>Lock-in-sign - red</td>
</tr>
<tr>
<td>26401</td>
<td>Lock-in-sign - black</td>
</tr>
<tr>
<td>26498</td>
<td>Label, “Wet Floor” (Eng/Span)</td>
</tr>
<tr>
<td>26540</td>
<td>Label, “Slippery” (Eng/Span)</td>
</tr>
<tr>
<td>26490</td>
<td>Label, “Wet Floor Please Walk to Right”</td>
</tr>
<tr>
<td>26491</td>
<td>Label, “Wet Floor Please Walk to Left”</td>
</tr>
<tr>
<td>26649</td>
<td>Lock-in flashing light</td>
</tr>
<tr>
<td>26407</td>
<td>2’ x 20’ plastic chain, yellow</td>
</tr>
</tbody>
</table>
First Aid Kits

- Ideal for most work environments, medium businesses and workplaces.

10 Person Kit
- Available in either polyethylene or metal box.
  Part No. 3011186 - plastic box
  Part No. 3011187 - metal box

25 Person Kit
- Available in either polyethylene or metal box.
  Part No. 3011188 - plastic box
  Part No. 3011190 - metal box

25 Person Contractor’s Kit
- Polyethylene box.
  Part No. 3011467

50 Person Kit
- Available in either polyethylene or metal box.
  Part No. 3011191 - plastic box
  Part No. 3011192 - metal box

10 Person Welder’s Kit
- Metal box.
  Part No. 3011194

16 Person Welder’s Kit
- Metal box.
  Part No. 3011195

<table>
<thead>
<tr>
<th>Kit Items</th>
<th>10 person</th>
<th>25 person</th>
<th>25 person</th>
<th>50 person</th>
<th>10 person</th>
<th>16 person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certi-Strip plastic, 1” x 3”</td>
<td>16</td>
<td>25</td>
<td>50</td>
<td></td>
<td>16</td>
<td>32</td>
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<tr>
<td>Certi-Strip plastic XLG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Certi-Gauze pads, 3” x 3”</td>
<td>4</td>
<td>4</td>
<td></td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Certi-Gauze pads, 4” x 4”</td>
<td>1</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye pad</td>
<td>1</td>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Certi-Strip, fingertip</td>
<td>1</td>
<td></td>
<td>1</td>
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<tr>
<td>Certi-Strip, knuckle</td>
<td>1</td>
<td></td>
<td>1</td>
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<tr>
<td>Adhesive Certi-Tape, 1/2” x 5 yd.</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Ammonia Inhalant 1” x 1”</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Certi-Strip adhesive bandage, plastic 1” x 3”</td>
<td></td>
<td>1</td>
<td>1</td>
<td>100/box</td>
<td></td>
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<tr>
<td>Alcohol wipe-ups</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10</td>
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</tr>
<tr>
<td>BZK towelette</td>
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<td>10</td>
<td>10</td>
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<tr>
<td>Certi-Burn cream, 1 gm</td>
<td>6</td>
<td>6</td>
<td>6</td>
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<tr>
<td>Certi-Burn Gel, 1/8 oz.</td>
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<td>8</td>
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<tr>
<td>Insect sting wipe-ups</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>3</td>
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<tr>
<td>First Aid cream, 1 gm</td>
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<td></td>
<td></td>
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<td>5</td>
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<tr>
<td>Antiseptic BZK towelette</td>
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<td>10</td>
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<tr>
<td>Aspirin tablets 2/pkg</td>
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<td>2</td>
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<td>2</td>
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<tr>
<td>Antibiotic cream, Certi-Sporyn, 1 gm</td>
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<td>Cold pack, Certi-Cool Junior</td>
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<td>1</td>
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<tr>
<td>Cotton Swabs, 3”</td>
<td></td>
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<tr>
<td>Elastic bandage, Ace style 2”</td>
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<tr>
<td>Eye wash, Certi-Ose 20 ml.</td>
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<td></td>
<td></td>
<td></td>
<td>1</td>
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<tr>
<td>Eye Dressing (20 ml. eye wash, 2 eye pads, tape)</td>
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<td></td>
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<td>4</td>
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<tr>
<td>Forceps, plastic 4.5”</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
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<tr>
<td>Certi-Gauze roll, 1” x 6 yd.</td>
<td>1</td>
<td></td>
<td>1</td>
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<td>Certi-Gauze roll, 2” x 6 yd.</td>
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<td>Gloves, nitrile, pair M/L</td>
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<td>2</td>
<td>2</td>
<td>2</td>
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<td>2</td>
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<tr>
<td>Scissors, bandage w/ red handle</td>
<td>1</td>
<td></td>
<td>1</td>
<td></td>
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<td></td>
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<tr>
<td>Trauma pad 5’ x 9”</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>Triangular bandage, 40’ w/2 safety pins</td>
<td>1</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Absorbent compress, 32 sq. in.</td>
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<td>1</td>
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<tr>
<td>Bandage compress, 4”</td>
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<td></td>
<td></td>
<td></td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>CPRotector w/ gloves</td>
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</tr>
<tr>
<td>First Aid facts sheet</td>
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