Welder’s Gloves

- Manufactured from select shoulder leather
- One piece leather back
- Fully welted
- Turned leather hems
- Full sock lining in sewn at all finger tips
- Gunn pattern

4152 Gray Leather Welder’s Ladies .................................. 4.75 PR

 Mustang™ Mig Tig Welder’s Gloves

- Premium grade top grain cowhide palm
- Split leather gauntlet cuff
- KEVLAR® thread

4950 Mig/Tig Welder’s Gloves with 4½” Cuff M-L ............ 14.26 PR
4950 XL Mig/Tig Welder’s Gloves with 4½” Cuff XL ............ 14.86 PR

 Premium Welder’s Gloves

- Select heavy side leather
- Flame resistant sleeve and a full sock lining in sewn at all finger tips
- Fully welted to reinforce all critical wear areas
- Turned leather hem
- Extra large die cut
- Sewn with super strong, heat resistant KEVLAR® thread

4600 Blue Welder’s Gloves, Leather Reinforced Thumb and Palm ........ 11.30 PR

4620 Tan Welder’s Gloves, Leather Reinforced Thumb and Palm ........ 11.17 PR

Russet Welder’s Gloves

Y1902MG Russet Welder’s Gloves .................................. 5.51 PR
GLOVES / HELMETS

### Gunn Pattern Mig Tig Welder’s
Grain goatskin welder with split cow gauntlet cuffs

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Size</th>
<th>Price (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4850</td>
<td>Mig Tig Welder’s, Gunn Pattern, Gauntlet Cuffs, Kevlar® Thread</td>
<td>M-L</td>
<td>9.71</td>
</tr>
<tr>
<td>4850 XL</td>
<td>Mig Tig Welder’s, Gunn Pattern, Gauntlet Cuffs, Kevlar® Thread</td>
<td>XL</td>
<td>10.26</td>
</tr>
</tbody>
</table>

### Full Leather Welder’s
- Heavy weight, one piece back, lined, welted seams, wing thumb

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7271HK</td>
<td>Economy Gray Full Leather Welder’s</td>
<td>4.47</td>
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</tbody>
</table>

### LEADHEAD® Passive Helmet
- Passive helmet
- Lightweight thermoplastic shell
- Fully adjustable nylon suspension
- Lift front with viewing area of 2” x 4¼”
- “Shake Down” helmet minimizes carbon monoxide build up
- Optionally balanced
- Ample space for respirators
- Meets ANSI Z87.1-2003 standards

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHP100</td>
<td>Leadhead® Black Passive Helmet</td>
<td>17.10</td>
</tr>
</tbody>
</table>

### LEADHEAD® Auto Darkening Helmet
- Auto darkening helmet
- Battery (2/AAA) and solar powered with 1 sensor
- Lightweight thermoplastic shell
- Fully adjustable nylon suspension
- Light state is Shade #3
- High speed lens – 1/25000 seconds
- Eliminates welders fatigue
- “Shake Down” helmet minimizes carbon monoxide build up
- Optionally balanced
- Ample space for respirators
- Meets ANSI Z87.1-2003 standards

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHA200</td>
<td>Leadhead® Black Auto Dark Helmet- Adjust IR9-13 Sensitivity Adjustment</td>
<td>166.25</td>
</tr>
</tbody>
</table>

### Tigerhood® Classic Welding Helmets
- Unique welding helmet design provides extended throat protection while blocking fumes and smoke from the face
- Molded-in colors eliminate chipping, peeling, and fading
- Smooth, seamless shell deflects sparks and spatter reducing the risk of burn through
- Available in a variety of colors

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price (EA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5906</td>
<td>Tigerhood Classic Black Welding Helmet, Thermoplastic, Lift Front, Speedy® Loop</td>
<td>54.45</td>
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</table>
GOGGLES / HELMETS / RESPIRATORS

Welding Goggles & Lenses

<table>
<thead>
<tr>
<th>Lens</th>
<th>Shade</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1710U50</td>
<td>Lift Front, 2&quot; x 4¼&quot;</td>
<td>8.28 PR</td>
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</tbody>
</table>

WG100 Green Goggle – Lift Front 7.55 EA

3M™ Breath Easy 17 Welding Headgear Assembly
- Impact resistant black welding helmet has a welding shield and fog-free inner faceshield that pivot independently and lock in the raised or lowered positions
- Most glasses fit under the helmet
- Uses standard welding filter lenses
- Meets ANSI Z87.1-2003 (eye and face protection) and ANSI Z89.1-2003 (head protection)
- Can be used with supplied air valves or 3M™ Breathe Easy™ PAPR

520-01-84R01 BE-17 Welding Headgear Assembly 609.86 EA
520-01-08R01 Supplied Air Breathing Tube 121.95 EA
520-04-51 Welding Shield Clip Assembly 72.70 EA

3M™ Welding Shield
- Fits standard 4½" x 5¼" welding lens
- Available with optional electronic lens
- Electronic lens comes with two adapters to let wearer choose lens position for best view
- Can be worn with eyeglasses and limited facial hair

L-153 Welding Shield 129.62 EA

3M™ Particulate Respirators 8214 and 8514, N95
- 8214 and 8514 N95 particulate respirators are designed for applications such as welding, soldering and other operations involving metal fumes including those with ozone* and nuisance levels** of organic vapors
- Suitable for welding on galvanized and stainless steel
- Proprietary 3M™ Cool Flow™ Exhalation Valve is a one-way valve for cool dry comfort
- Lightweight cake-resistant layer reduces caking of particles on respirator surface to help make respirator last longer
- 3M™ Welding Web: flame resistant as demonstrated per ASTM D2859-96 (not a substitute for a faceshield)
- All filter design for economical protection with no spare parts to maintain
- Adjustable noseclip and fully adjustable straps
- 8214 has comfortable foam faceseal; 8514 has soft, adjustable foam nose clip

8214 Particulate Respirator, N95 83.61 BX
8514 Particulate Respirator, N95 74.27 BX

See page 82 for additional disposable welding respirators.

* 3M recommended for ozone protection up to 10 times the OSHA PEL, or applicable exposure limit, whichever is lower. Not NIOSH approved for ozone.
** 3M recommended for relief against nuisance levels of organic vapors. Nuisance levels refers to concentrations not exceeding OSHA PEL or applicable government exposure limits, whichever is lower.

See Warnings on pages 80 and 254
WELDING

3M™ Speedglas™ Welding Helmet 9100 FX

- Combines legendary Speedglas quality and auto darkening technology with an innovative wide-view grinding visor
- Exceptionally large, 8" x 4¼" protective visor with 170° viewing angle significantly increases user's field of view in all directions
- Smooth flip-up pivot mechanism assures effortless transition from welding to grinding modes
- Flip-up auto-darkening filter assembly that can be lifted to expose a clear 8" x 4¼" faceshield for precision weld prep and grinding
- Compatible with all 3M™ Speedglas™ 9100 auto darkening filters (Shade 5, 8, 9-13, and tack mode)
- Sensitivity adjustment allows for use with all Stick, MIG and TIG processes, also has grinding and torch cutting modes
- SideWindows with exclusive Shade 5 filters allows you to see others working around you
- Front and side air exhaust vents minimize fogging and enhances comfort, particularly during extended use
- Highly adjustable suspension and well-balanced design
- Includes spark deflector, and optional flame-resistant extended ear and neck protection accessory for added protection from welding hazards
- Meets the mechanical strength requirements of ANSI Z87.1–2010
- Standard headcover included

3M™ Speedglas™ Welding Helmet 9100 FX
with SideWindows Auto-Darkening Filter 9100X Shade 5, 8-13

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>06-0600-20SW</td>
<td>3M™ Speedglas™ Welding Helmet 9100 FX</td>
<td>$779.56 EA</td>
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<tr>
<td>06-0600-30SW</td>
<td>3M™ Speedglas™ Welding Helmet 9100 FX</td>
<td>$862.64 EA</td>
</tr>
</tbody>
</table>

3M™ Speedglas™ Welding Helmet 9100 MP

- Uncompromising, all-in-one, welding protection for highly demanding environments
- Seamlessly integrates 5 levels of welder protection: head, eye, face, respiratory and hearing into one extraordinarily comfortable and easy-to-use system
- Flip-up 3M™ Speedglas™ Welding Filter Series 9100 Auto-Darkening, shades 5, 8, 9-13
- 100% compatible with 3M™ Speedglas™ 9100 Auto-Darkening Welding Filter Series
- A wide (approximately 8" x 4¼") curved protective visor with excellent view
- Two shade 5 passive SideWindows add peripheral vision
- Available with the Adflo PAPR is an optional organic vapor/acid gas OV/AG cartridge for removing nuisance odors generated from some welding processes
- For welding environments where supplied air respiratory protection is needed, the 3M™ Speedglas™ Fresh-Air III supplied air regulator system can be used
- Can cool the incoming air by up to 50°F using the V-100 valve
- US OSHA assigned protection factor of 25
- Comfortable heat resistant polycarbonate hard hat meets ANSI Z89.1-2009, Type 1 Class G
- Meets the requirements of CSA Z94.3 and the high impact requirements of ANSI Z87.1-2010
- 3 year warranty on all 9100 Series ADFs

3M™ Speedglas™ Welding Helmet 9100 MP w/3M™ Adflo™ PAPR, HE filter and 3M™ Speedglas™ Welding Filter 9100XX

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>27-1101-20SW</td>
<td>3M™ Speedglas™ Welding Helmet 9100 MP w/3M™ Adflo™ PAPR, HE filter and 3M™ Speedglas™ Welding Filter 9100XX</td>
<td>$2,638.69 EA</td>
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<tr>
<td>27-1101-30SW</td>
<td>3M™ Speedglas™ Welding Helmet 9100 MP w/3M™ Adflo™ PAPR, HE filter and 3M™ Speedglas™ Welding Filter 9100XX</td>
<td>$2,759.42 EA</td>
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<td>27-5702-20SW</td>
<td>3M™ Speedglas™ Welding Helmet 9100 MP w/3M™ Speedglas™ Fresh-Air III Supplied Air Regulator, V-100 Cooling Valve and 3M™ Speedglas Welding Filter 9100XX</td>
<td>$1,778.50 EA</td>
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<tr>
<td>27-5702-30SW</td>
<td>3M™ Speedglas™ Welding Helmet 9100 MP w/3M™ Speedglas™ Fresh-Air III Supplied Air Regulator, V-100 Cooling Valve and 3M™ Speedglas Welding Filter 9100XX</td>
<td>$1,898.55 EA</td>
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<tr>
<td>27-5902-20SW</td>
<td>3M™ Speedglas™ Welding Helmet 9100 MP w/3M™ Speedglas™ Fresh-Air III Supplied Air Regulator, V-300 Air-Regulating Valve and 3M™ Speedglas Welding Filter 9100XX</td>
<td>$1,533.98 EA</td>
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<tr>
<td>27-5902-30SW</td>
<td>3M™ Speedglas™ Welding Helmet 9100 MP w/3M™ Speedglas™ Fresh-Air III Supplied Air Regulator, V-300 Air-Regulating Valve and 3M™ Speedglas Welding Filter 9100XX</td>
<td>$1,654.01 EA</td>
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**WARNING:**
This product is designed to help protect the wearer's eyes and face from harmful radiation including visible light, ultraviolet radiation (UV), visible radiation (IR), infrared and other energy sources. It is intended to reduce the risk of eye and skin injury. When used as intended, it will not protect against all hazards. It is not intended to protect against long-term exposure to welding applications. Always wear ANSI Z87.1 compliant safety spectacles in addition to any welding helmet. For proper use, see supplier, or follow instructions or call 3M in USA at 1-800-227-4948. In Canada, call Technical Services at 1-800-368-4416.
3M™ Speedglas™ Welding Helmet 9100-Air for Respiratory Protection

- Combines comfort with enhanced respiratory protection, wider precision viewing and increased flexibility for safer work efficiency
- Connects to the 3M™ Adflo™ PAPR or the 3M™ Fresh-air III Supplied Air Regulators to help provide respiratory protection from welding particulates and certain gases while keeping users comfortable
- Smooth up-and-down pivot action gently locks in the ‘up’ position
- Highly adjustable head suspension system
- Covers vulnerable body areas, like the ears and sides of the neck, to help protect from sparks, spatter and grinding particles
- Air duct helps provide refreshing airflow across the entire breathing zone
- Middle air channel helps keep the ADF virtually fog free, while the two side air channels help to provide evenly distributed air to the other areas of the breathing zone
- Back of headband is self-adjusting and swivels to fit different head shapes
- Four settings let you determine the distance between your face and the helmet for optimum viewing
- Unique 2-strap crown adjustment for increased stability and reduced pressure on the top of the head
- Smooth ratchet mechanism lets you manually tighten the helmet to your personal preference

25-1101-20SW  Speedglas Welding Helmet 9100-Air w/Welding Filter 9100X and Adflo PAPR with HE Filter .................................................. 2,172.17 EA
25-1101-30SW  Speedglas Welding Helmet 9100-Air w/Welding Filter 9100XX and Adflo PAPR with HE Filter .................................................. 2,258.36 EA
25-5702-20SW  Speedglas Welding Helmet 9100-Air w/Welding Filter 9100X and Fresh-Air III SAR, V-100 Valve ........................................... 1,442.71 EA
25-5702-30SW  Speedglas Welding Helmet 9100-Air w/Welding Filter 9100XX and Fresh-Air III SAR, V-100 Valve ........................................... 1,553.40 EA

3M™ Speedglas™ Welding Helmet 9100 FX-Air

- Combines 3M’s legendary Speedglas quality and auto darkening technology (ADF) with an innovative wide-view grinding visor and improved respiratory protection system to give welders an all-in-one solution for more welding flexibility, precision and efficiency
- Connects to the 3M™ Adflo™ PAPR or the 3M™ Fresh-air III Supplied Air Regulators to help provide respiratory protection from welding particulates and certain gases while keeping users comfortable
- Smooth flip-up pivot mechanism assures effortless transition from welding to grinding modes
- Exceptionally clear, wide grinding visor offers a greater field of view
- Front of face air delivery helps provide cooling for hot work environments, while keeping the grinding visor virtually fog free
- Adjustable breathing tube at back of helmet is made of flexible tubing, so it does not stick out rigidly and lets users work in tight spaces or when lying on their back
- Respiratory protection is maintained when outer shield (ADF) is flipped in the upward position
- Breathing tube is attached to the headband instead of the helmet, so there is less pulling on the helmet from the breathing tube
- A clear, large (approx. 8” x 4¼”) view that is ideal for precision grinding and set-up tasks in low-light conditions
- Shade 5 SideWindows provide peripheral vision for increased safety when the welding shield is in place, optional covers are available to block the SideWindows for times when other welders are nearby
- Extended helmet coverage helps to protect from harmful UV rays that can contribute to skin cancer
- Clear inner grinding visor widened for increased peripheral vision enables users to work in tight spaces without turning their head

26-1101-20SW  Speedglas Welding Helmet 9100 FX-Air w/Welding Filter 9100X and Adflo PAPR w/HE Filter .................................................. 2,412.81 EA
26-1101-30SW  Speedglas Welding Helmet 9100 FX-Air w/Welding Filter 9100XX and Adflo PAPR w/HE Filter .................................................. 2,527.12 EA
26-5702-20SW  Speedglas Welding Helmet 9100 FX-Air w/Welding Filter 9100X and Fresh-Air III SAR, V-100 Valve ........................................... 1,647.17 EA
26-5702-30SW  Speedglas Welding Helmet 9100 FX-Air w/Welding Filter 9100XX and Fresh-Air III SAR, V-100 Valve ........................................... 1,270.08 EA

Call for quantity pricing. Prices and specifications subject to change without notice.