

Welding Protection  
3M™ Speedglas™ 9100 Welding Helmet

 **Speedglas™**



# Optimum Comfort and Protection

The 3M™ Speedglas™ 9100 Welding Helmet was designed to offer enhanced comfort and protection to professional welders.

It features a **new, flexible head suspension** that conforms to the welder's head to reduce pressure in pressure-sensitive areas. Plus, the **revolutionary design** allows the 9100 to cover more vulnerable areas, such as the ears and sides of the neck. **Three lens options** are also available—9100V, 9100X and the new 9100XX, which is 30% larger than our current ADFs. Finally, improved sidewindow features with replaceable covers allow for enhanced peripheral and downward viewing to improve safety and reduce the “**tunnel vision**” effect.

**3M**

# Introducing the 3M™ Speedglas™ 9100 Welding Helmet

Refined stability and balance in a design that enhances comfort and protection



## Innovative New Head Suspension

- 1 Front of headband self-adjusts with patented bogie pads to help reduce pressure and increase blood flow
- 2 Back of headband is self-adjusting and swivels to fit different head shapes
- 3 Four settings let you determine the distance between your face and the helmet
- 4 Unique two-strap crown adjustment for increased stability and reduced pressure
- 5 Smooth ratchet mechanism lets you manually tighten the helmet to your personal preference



## Improved Helmet Angle Adjustment and Pivot Action

- Lowered center of gravity helps make the helmet feel more balanced and stable in all positions, which lessens the need to over-tighten the headband
- Helmet offers a smoother up-and-down pivot action that gently “locks” in the up position



## Superior Optics

- Three new auto-darkening filters (ADFs) of differing sizes are available (X, V, XX), with built-in mag plate holder
- Features seven user-selectable dark shades (5, 8-13), with the option to lock-in your shade for torch and plasma cutting
- Offers a tack welding comfort mode to help reduce eye fatigue, and a shade 3 grinding mode



## Ordering Information

Part No.	Description	Qty/Case
06-0100-10	3M™ Speedglas™ 9100 Helmet w/ADF 9100V	1
06-0100-20/37172	3M™ Speedglas™ 9100 Helmet w/ADF 9100X	1
06-0100-30/37191	3M™ Speedglas™ 9100 Helmet w/ADF 9100XX	1
06-0100-10SW	3M™ Speedglas™ 9100 Helmet, SideWindows w/ADF 9100V	1
06-0100-20SW	3M™ Speedglas™ 9100 Helmet, SideWindows w/ADF 9100X	1
06-0100-30SW	3M™ Speedglas™ 9100 Helmet, SideWindows w/ADF 9100XX	1
06-0201-10	3M™ Speedglas™ Starter Kit 9100V	1
06-0201-20	3M™ Speedglas™ Starter Kit 9100X	1
06-0201-30	3M™ Speedglas™ Starter Kit 9100XX	1

Part No.	Description	Qty/Case
06-0200-51/37174	3M™ Speedglas™ Outside Protection Plate 9100, Standard	10
06-0200-52	3M™ Speedglas™ Outside Protection Plate 9100, Scratch Resistant	10
06-0200-53	3M™ Speedglas™ Outside Protection Plate 9100, High Temperature	10
06-0200-54/37175	3M™ Speedglas™ Sweatband 9100	3
06-0200-10	3M™ Speedglas™ Inside Protection Plate 9100V	5
06-0200-20/37176	3M™ Speedglas™ Inside Protection Plate 9100X	5
06-0200-30/37177	3M™ Speedglas™ Inside Protection Plate 9100XX	5
06-0300-53/37178	3M™ Speedglas™ Silver Front Panel 9100	1
06-0400-51/37179	3M™ Speedglas™ Headband 9100 including Assembled Parts	1
06-0400-52/37180	3M™ Speedglas™ Pivot Mechanism 9100 Headband for Left and Right Side	1
06-0400-53/37188	3M™ Speedglas™ Headband 9100 Front Part	1
06-0400-54/37189	3M™ Speedglas™ Headband 9100 Back Part	1
06-0500-51	3M™ Speedglas™ Extended Coverage 9100, Crown	1
06-0500-52	3M™ Speedglas™ Extended Coverage 9100, Ear and Neck	1
06-0500-53	3M™ Speedglas™ SideWindows Coverplate 9100	2
06-0500-54	3M™ Speedglas™ Welding Beanie	10
06-0500-55	3M™ Speedglas™ Welding Cap	5
06-0500-56	3M™ Speedglas™ Magnification Plate 1.5X	1
06-0500-57	3M™ Speedglas™ Magnification Plate 2.0X	1
06-0500-58	3M™ Speedglas™ Magnification Plate 2.5X	1
06-0500-59	3M™ Speedglas™ Magnification Plate 3.0X	1
06-0500-60	3M™ Speedglas™ Protective Bag	1
06-0500-61	3M™ Speedglas™ Branded Toolbox Label	10
04-0320-00	3M™ Speedglas™ Battery (CR-2032)	2
06-0400-55/37190	3M™ Speedglas™ Battery Holder 9100	2

For more information, please contact your Speedglas agent, local 3M representative, or call 1-800-243-4630.



### General Offices

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70-0714-8829-3