



Designed to offer enhanced comfort and protection to professionals

The 3M[™] Speedglas[™] Welding Helmet 9100 features a flexible head suspension that conforms to the welder's head to reduce pressure in pressure-sensitive areas. Redesigned pivot knobs allow users to adjust the amount of force placed on the detente'. The 9100 model covers more vulnerable areas, such as the ears and the sides of the neck compared to previous models. Three auto-darkening filter options are available - 9100V, 9100X and 9100XX, which is 30% larger than our current ADFs. Side window features with replaceable covers allow for enhanced peripheral and downward viewing to improve safety and reduce the "tunnel vision" effect.



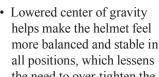


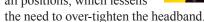


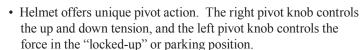
Innovative Head Suspension

- · Front of headband self-adjusts with proprietary bogie pads to help reduce pressure and increase blood flow.
- · 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.
- Unique two-strap crown adjustment for increased stability and reduced pressure.
- Smooth ratchet mechanism lets you manually tighten the helmet to your personal preference.

Improved Helmet Angle Adjustment and Pivot Action











Superior Optics

- Three auto-darkening filters (ADFs) of differing sizes are available (V, X, XX), with built-in mag plate holder.
- Features seven user-selectable dark shades (5, 8-13), and 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.

Part No. AAD No. 3M™ Speedglas™ Description Case Qty UPC Helmet Assemblies 06-0100-10 Helmet 9100 with ADF 9100V 1 each 000511358935 06-0100-20 37172 Helmet 9100 with ADF 9100X 1 each 000511313719 06-0100-30 37191 Helmet 9100 with ADF 9100XX 1 each 000511318719 06-0100-10SW Helmet 9100 with ADF 9100X, Side Windows 1 each 000511358935 06-0100-20SW Helmet 9100 with ADF 9100XX, Side Windows 1 each 000511358935 06-0100-30SW Helmet 9100 with ADF 9100XX, Side Windows 1 each 000511358935 Select Parts and Accessories*	
06-0100-20 37172 Helmet 9100 with ADF 9100X 1 each 000511313717 06-0100-30 37191 Helmet 9100 with ADF 9100XX 1 each 000511313719 06-0100-10SW Helmet 9100 with ADF 9100V, Side Windows 1 each 000511358935 06-0100-20SW Helmet 9100 with ADF 9100X, Side Windows 1 each 000511358935 06-0100-30SW Helmet 9100 with ADF 9100XX, Side Windows 1 each 000511358938 Select Parts and Accessories*	
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06-0100-10SW Helmet 9100 with ADF 9100V, Side Windows 1 each 000511358935 06-0100-20SW Helmet 9100 with ADF 9100X, Side Windows 1 each 000511358935 06-0100-30SW Helmet 9100 with ADF 9100XX, Side Windows 1 each 000511358938 Select Parts and Accessories*	29
06-0100-20SW Helmet 9100 with ADF 9100X, Side Windows 1 each 000511358935 06-0100-30SW Helmet 9100 with ADF 9100XX, Side Windows 1 each 000511358938 Select Parts and Accessories*	10
06-0100-30SW Helmet 9100 with ADF 9100XX, Side Windows 1 each 000511358938 Select Parts and Accessories*	18
Select Parts and Accessories*	32
	76
06-0200-51 37174 Outside Protection Plate, Standard 10 each 500511313717	18
06-0200-52 Outside Protection Plate, Scratch Resistant 10 each 500511358936)4
06-0200-53 Outside Protection Plate, High Temperature 10 each 500511358936	11
06-0200-10 Inside Protection Plate, 9100V 5 each 500511358935)5
06-0200-20 37176 Inside Protection Plate, 9100X 5 each 500511313717	32
06-0200-30 37177 Inside Protection Plate, 9100XX 5 each 500511313717	79
06-0201-10 Starter Kit, 9100V 1 each 000511358936	23
06-0201-20 Starter Kit, 9100X 1 each 000511358936	30
06-0201-30 Starter Kit, 9100XX 1 each 000511358936	17
06-0500-53 Side Window Cover 9100 2 each 500511358937	



Additional Features

- · Side Windows: Shade 5 filters that can help reduce "tunnel vision"
- Aerodynamic exhaust vents allow stale, exhaled air to exit the helmet to help reduce heat, humidity and fogging
- Complies with the high impact requirements of ANSI Z87.1-2010.

*For the full listing of parts and accessories or for more information. please visit your authorized Speedglas distributor, contact your local 3M representative, or call 1-800-243-4630.

www.speedglas.com

Occupational Health & **Environmental Safety Division** 3M Center, Building 235-2W-70

St. Paul. MN 55144-1000 Technical Service: 1-800-243-4630 Customer Service: 1-800-328-1667 www.3M.com/PPESafety



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AWARNING

This product is designed to help protect the wearer's eyes and face from harmful radiation including visible light, ultra-violet radiation (UV), infra-red radiation (IR), sparks and spatter resulting from welding processes. These products must be used only by qualified persons who are properly trained in their use and maintenance. Misuse may result in permanent eye injury and vision loss. Always wear ANSI Z87.1 compliant safety spectacles in addition to any welding helmet. For proper use, see supervisor, or User Instructions or call 3M in U.S.A.1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414.