

3M™ Speedglas™ Welding Helmet 9100 MP

Multi-Protection: Eye & Face, Head, Respiratory and Hearing

 **Speedglas™**



Protection with Confidence

Protection as Ambitious as Your Projects

A welder's options for head and respiratory protection have been limited, and without much acceptance. Until now.

Introducing our latest addition to our top-of-the-line welding helmet series: the 3M™ Speedglas™ Welding Helmet 9100 MP (Multi-Protection), can provide comfortable, all-in-one, welding protection for highly demanding environments.

- Flip-up 3M™ Speedglas™ Welding Filter Series 9100, shade 5,8, 9-13
- A wide (approx. 8.0 in x 4.25 in), curved protective visor with excellent view
- US OSHA Assigned Protection Factor of 25
- Comfortable hard hat (ANSI Z89.1-2009, Type 1 Class G)
- Optional 3M™ Peltor™ Earmuffs
- 3 year warranty

Go to www.3M.com/9100MP for further details.



Multiple Advanced Features

3M™ Speedglas™ Welding Helmet 9100 MP

100% compatible with all of the latest 3M™ Speedglas™ Auto-Darkening Welding Filter Series 9100 including the top-of-the-line 9100XX filter.

A wide (approx. 8 in x 4.25 in), curved, protective visor with excellent views up, down and peripherally. Meets the requirements of CSA Z94.3 and the high impact requirements of ANSI Z87.1-2010.

Two shade 5 passive SideWindows add peripheral welding vision.

The hard hat shell is made from heat resistant polycarbonate and meets the ANSI Z89.1-2009 requirements for Type 1 Class G hard hats. An optional, aluminum fabric reflects welding heat.

Designed from inception to take one of our optional 3M™ Peltor™ Earmuffs: low-profile hearing protection with liquid/foam ear cushions and orange housings.



3M™ Speedglas™ Welding Helmet 9100 MP with 3M™ Adflo™ Powered Air Purifying Respirator



3M™ Speedglas™ Welding Helmet 9100 MP with 3M™ Supplied Air Respirator

Performance Data

Type of Protection	According to:
Eye & Face Protection Welding helmet, filter and protection plates	ANSI Z87.1-2010 "+"; CSA Z94.3
Head Protection Hard hat	ANSI Z89.1-2009 - Type 1 Class G
Hearing Protection 3M™ Peltor™ Earmuffs (optional)	NRR 24 dB / CSA Class A per ANSI S3.19-1974
Assigned Protection Factors 3M™ Adflo™ Powered Air Purifying Respirator 3M™ Speedglas™ Fresh-air III Supplied Air Regulator (V-Series)	APF 25 per OSHA 29CFR1910.134 APF 25 per OSHA 29CFR1910.134



WARNING

These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For proper use, see packaging instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

WARNING

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.

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