



Date: September 1, 2020

Dear Valued Customer,

This notice is to inform you of an additional approved configuration of the 3M™ Speedglas™ Welding Helmet 9100MP welding helmet with an assigned protection factor of 1000.

The 3M™ Speedglas™ Welding Helmet 9100MP is a combination welding helmet and respirator used for grinding and welding applications. The 9100 MP loose fitting headgear is designed to be used with certain 3M breathing tubes and Powered Air Purifying (PAPR) or Supplied Air (SA) units to form a respiratory protection system. This headgear is one component of a NIOSH approved respiratory protection system. See the chart below detailing the standard 25 APF configuration as well as the new 1000 APF configuration.

Model	Respiratory Inlet	Assigned Protection Factor	Image & Description
9100 MP	Loose fitting facepiece	25	 <p>3M™ Speedglas™ Welding helmet 9100MP, shown as part number 27-0099-35SW with 06-0000-30i ADF</p>
9100MP w/ Complete Neck Coverage 27-0099-87	Welding Helmet/Hood	1000	 <p>3M™ Speedglas™ Welding helmet 9100MP, shown as part number 27-0099-35SW plus 3M™ Speedglas™ 27-0099-87 complete neck coverage</p>

*This headgear meets the definition of a "welding helmet" in accordance with the ANSI/ISEA Z87.1 standard's definition. When the 3M Speedglas 9100MP is used with 3M Speedglas Complete Neck Coverage 27-0099-87, this welding helmet meets the Assigned Protection Factor (APF) definition of a "welding helmet/hood" as defined by OSHA in the Respiratory Protection Standard, 29 CFR 1910.134. In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your region.

For more information on APF 1000 and associated qualified air sources.

multimedia.3m.com/mws/media/4186500/assigned-protection-factors-for-hoods-and-helmets-technical-data-bulletin.pdf

Additional resources

9100 MP user instructions

multimedia.3m.com/mws/media/10055520/userinstruction-welding-9100-mp-welding-helmet.pdf

27-0099-87 User Instructions

multimedia.3m.com/mws/media/10055530/3m-speedglas-complete-neck-coverage-for-9100-mp-addendum-to-user-instruction.pdf

Video showing 27-0099-87 being attached to 9100MP

multimedia.3m.com/mws/media/12807000/welding-how-to-videos-shroud-attachment.mp4

Should you have any questions, please contact your local Sales Representative or 3M Personal Safety Division Technical Service in the US at 1 (800) 243-4630 or in Canada at 1 (800) 267-4414.

Sincerely,

3M Personal Safety Division

Personal Safety Division

3M Center, Building 235-2W-70

St. Paul, MN 55144-1000

3M PSD products are intended for occupational use only.

In the United States of America

Technical Service: 1 (800) 243-4630

Customer Service: 1 (800) 328-1667

3M.com/workersafety


In Canada

Technical Service: 1 (800) 267-4414

Customer Service: 1 (800) 364-3577

3M.ca/safety

WARNING



Respirators help reduce exposures to certain airborne contaminants. Before use, the wearer must read and understand all applicable *User Instructions*. Follow all local regulations. In the U.S., a written respiratory protection program must be implemented meeting all the requirements of 29 CFR 1910.134, including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. **Misuse may result in injury, sickness or death.** For correct use, consult supervisor and *User Instructions*, or contact your local 3M representative.