

3M™ Speedglas™ 9100 Welding Helmet

The new 3M™ Speedglas™ 9100 Welding Helmet with auto-darkening filter (ADF) is one of the most recent developments from 3M to help enhance welder's safety, comfort and productivity. The 9100 incorporates over 38 enhancements over the existing 9000/9002 series helmet based on thousands of interviews with welders, and over 30 years of design experience in welding safety equipment.

Developed with design input from scientists trained in Ergonomics and Human Anatomy, the 9100's revolutionary headgear incorporates patented design features that significantly reduce pressure points on the wearer's head, and lowers the center of gravity of the welding helmet. By reducing pressure points in sensitive locations, particularly the forehead, temple regions and top of the head, end users report this new headgear significantly increases wearer comfort, and can physically help reduce the potential for headaches caused from pressure points. The headgear is specially designed to straddle these locations and has unique "bogie" pads under the sweat pad that helps alleviate restrictions to blood flow in the forehead compared to traditional welding headgear.

Specific enhancements to the 9100 helmet shell are increased peripheral and downward viewing through larger patented Side Windows which is beneficial in areas of high traffic or where trip hazards are prevalent. This larger welding helmet with increased adjustability allows for a variety of half facepiece respirators to comfortably fit underneath the welding helmet, and also provides greater coverage of the neck and ears to reduce exposure to ultra-violet light. Patented exhaust vents also help to reduce heat and humidity build-up within the helmet and helps reduce fogging on the inside of the ADF, allowing for higher quality welds.

For more information on the new 3M™ Speedglas™ 9100 welding helmet, contact your local welding distributor, or visit Speedglas.com

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