

Your choice of auto-darkening filters (ADF)

The 3M™ Speedglas™ Welding Filter Series 9100 continues our tradition of outstanding optical quality, including uniform shading and minimal distortion across the entire filter viewing area.

By selecting just the right setting for each task, you can reduce eye strain and improve the quality of every weld.



Our top-of-the-line ADF

3M™ Speedglas™ Auto-Darkening Filter 9100XXi:

- See your welds in a new light, with more contrast and natural-looking colors.
- Grab and go welding with Auto-ON.
- 2.8 × 4.2 in. viewing area.
- Dark shades 5, 8, and 9 through 13.
- Delay settings allow the welder to extend the dark state for when the weld pool is still cooling.
- For all 3M™ Speedglas™ Welding Helmet Series 9100. See page 26-33.
- When used with the special 9100XXi Silver Front Panel and the Speedglas Welding Helmets 9100, 9100-Air and 9100-QR, you'll have access to the external control for both grinding and the memory modes. More details on page 29.



Always read and follow all User Instructions.

3M™ Speedglas™ Auto-Darkening Filter 9100XX



- 2.8 × 4.2 in. viewing area.
- Dark shades 5, 8, and 9 through 13.
- Any shade can be "locked-in".
- The tack welding comfort mode may help reduce eye fatigue resulting from the eye constantly adjusting to differing light levels during tack welding. Using an intermediate light state (shade 5).
- The delay function allows the welder to set the recovery delay of the welding filter from dark to light according to welding method and current.
- For all 3M™ Speedglas™ Welding Helmet Series 9100. More information on page 26–33.

3M™ Speedglas™ Auto-Darkening Filter 9100X



- 2.1 × 4.2 in. viewing area.
- Dark shades 5, 8, and 9 through 13.
- Any shade can be "locked-in."
- The tack welding comfort mode may help reduce eye fatigue resulting from the eye constantly adjusting to differing light levels during tack welding. Using an intermediate light state (shade 5).
- The delay function allows the welder to set the recovery delay of the welding filter from dark to light according to welding method and current.
- For all 3M™ Speedglas™ Welding Helmet Series 9100. More information on page 26–33.

3M™ Speedglas™ Auto-Darkening Filter 9100V



- 1.8 × 3.7 in. viewing area.
- Dark shades 5, 8, and 9 through 13.
- Any shade can be "locked-in."
- The tack welding comfort mode may help reduce eye fatigue resulting from the eye constantly adjusting to differing light levels during tack welding. Using an intermediate light state (shade 5).
- The delay function allows the welder to set the recovery delay of the welding filter from dark to light according to welding method and current.
- For all 3M™ Speedglas™ Welding Helmet Series 9100. More information on page 26–33.

3M™ Speedglas™ Auto-Darkening Filter 9002NC

See your welds in a new light, with more contrast and natural-looking colors.

- 2.1 × 4.2 in. viewing area.
- Dark shades 8 through 12.
- For 3M™ Speedglas™ Welding Helmet series 9002NC" compatible with the old 9000 series welding helmets, more information on page 34–35.



3M™ Speedglas™ Auto-Darkening Filter SL

Our most lightweight auto-darkening filter.

- 1.8 × 3.7 in. viewing area.
- Dark shades 8 through 12.
- For 3M™ Speedglas™ Welding Helmet SL, more information on page 36–37.



3M™ Speedglas™ Auto-Darkening Filter 100V

- 1.7 × 3.7 in. viewing area.
- Dark shades 8 through 12.
- For 3M™ Speedglas™ Welding Helmet Series 100 (incl 100-QR), more information on page 38.



3M™ Auto-Darkening Filter 10V

- 1.7 × 3.7 in. viewing area.
- Dark shades 8–12.
- For 3M™ Welding Helmet 10V and 10QR, more information on page 39.



All our auto-darkening welding filters conform to ANSI Z87 (American National Standard for Occupational and Educational Personal Eye and Face Protection Devices) as well as other national standards in Europe, Canada and Australia—to name a few. Valid standard, optical classification and shade range are marked on the welding filter. Always read and follow all User Instructions.