

3M Occupational Health and
Environmental Safety Division
3M™ Speedglas™ 100 Welding Helmets

 **Speedglas™**



The First Women Welders' Collection

To acknowledge the unique contributions made daily by women welders, 3M has designed a worldwide first: The 3M™ Speedglas™ 100 Series Graphic Welding Helmets – Women's Collection. Four distinct and stunning designs that affirm the rightful place of women welders as committed, passionate professionals. Pros who thrive on welding's challenges and the need for creative thinking. Devotees to a craft whose mastery has no limits.

3M

A photograph of three women in a dark industrial setting, likely a factory or workshop. They are dressed in dark, heavy-duty work clothes. The woman in the center is holding a black welding helmet with a purple visor. The woman on the right is holding a silver welding helmet. In the background, another person is welding, creating a bright light and smoke. The scene is lit with dramatic, low-key lighting, emphasizing the industrial environment.

Inspiring Women Welders

At 3M, we are proud to be the first manufacturer to give women welders the ability to express their unique creativity and passion. We are confident that through our continued efforts to innovate and progress welding helmet technology we have created a product that women in the welding industry can use to meet the challenges they face in comfort, safety and style.

An Avenue for Personal Expression

Inspired by women welders, 3M is launching the first line of women-specific designs. The team took direct inspiration from women welders to work with intricate patterns and graphics. The resulting designs are an avenue for personal expression. Each design proclaims a characteristic welding personality, but with more feminine assertion.



Steel Rose

Toughness and patinated grace. Strong, fearless and feminine at the same time. Steel aesthetics emphasize the protective qualities of the helmet. Designed by ERGONOMIDESIGN[®]



Wild-N-Pink

Pretty in pink, but do not touch! A vivacious vine flourishes behind a protective overlay of barbed wire and razor-sharp metal sculpture. Admire from a distance.



Steel Eyes

Projecting inner strength, with focused eyes looking through a blaze of lilac flames. Designed by ERGONOMIDESIGN[®]



Skull Jewels

An elaborate floral grill motif emerges into a decorative skull and covers the entire helmet. The skull and flowers engage in visual interplay as one becomes the other, and vice-versa.

Designed by ERGONOMIDESIGN[®]

Flexibility Is Your Ally

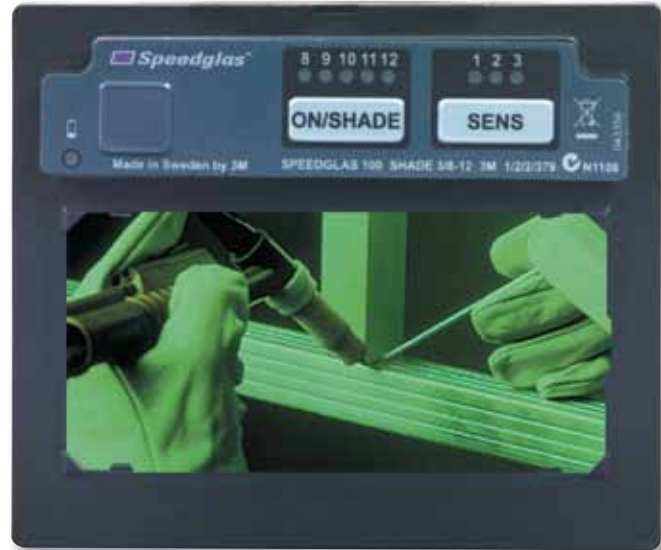


The 3M™ Speedglas™ 100V auto-darkening welding filter has five user-selectable dark shades, from shade 8 to shade 12, and a light shade of 3. It also has three sensitivity settings: a normal setting for most types of welding (indoors and outdoors), a setting for when other welders are working nearby, and a setting for low-current or stable arc (e.g. TIG) welding.

The 3M Speedglas 100V filter can be used with most arc welding processes, including stick (MMA), MIG/MAG, and TIG greater than 10 amps. It is a great ally for handling ever-changing welding processes.

Speedglas 100V Filter

Approvals/Compliance	ANSI Z87.1-2003 CSA Z94.3
Classification	1 / 2 / 2 / 3
Switching Time, Light-Dark	0,1 ms @ 73°F (23°C)
Switching Time, Dark-Light	100 - 250 ms
UV / IR Protection	Shade 12 (permanent)
Viewing Area	1.73 x 3.66 in (44 x 93 mm)
Light State	Shade 3
Dark State	Shade 8-12 (variable)
Battery Lifetime	1,500 hours
Rated For	MIG, Stick, TIG ≥10 amps
Warranty	2 years



Part No.	AAD	Description	Shades	Ship Qty.
07-0012-31SE	37226	3M™ Speedglas™ Steel Eyes Welding Helmet 100 with Auto-Darkening Filter 100V	8-12	1/Case
07-0012-31SJ	37227	3M™ Speedglas™ Skull Jewels Welding Helmet 100 with Auto-Darkening Filter 100V	8-12	1/Case
07-0012-31SR	37228	3M™ Speedglas™ Steel Rose Welding Helmet 100 with Auto-Darkening Filter 100V	8-12	1/Case
07-0012-31WP	37229	3M™ Speedglas™ Wild-N-Pink Welding Helmet 100 with Auto-Darkening Filter 100V	8-12	1/Case

3M Automotive Aftermarket Division (AAD) Product Numbers are found in blue type on selected products.

For More Information

In U.S.

Technical Assistance 1-800-243-4630
 Customer Care Center 1-800-328-1667
 Internet 3M.com/OccSafety
 3M.com/SpeedglasWomen

In Canada

Technical Assistance 1-800-267-4414
 Customer Care Center 1-800-364-3577
 Internet 3M.ca/safety

3M offers one of the widest varieties of welding personal protective equipment. Its range of products includes Speedglas™ auto-darkening welding filters and Adflo™ respiratory protection equipment, as well as 3M's full spectrum of health and safety products.



www.facebook.com/Speedglas

Note: Welding can create a variety of harmful fumes and gases. When engineering controls are impractical, respirators may be required to help reduce exposures to these airborne welding contaminants.

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 70-0715-7452-2



General Offices

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⚠ 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 USA at 1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414.