

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 Shields – 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 its need for creative thinking. Devotees to a craft whose mastery has no limits.

**3M**



# 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 that 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 shield. Designed by ERGONOMIDESIGN<sup>®</sup>



## 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<sup>®</sup>



## Skull Jewels

An elaborate floral grill motif emerges into a decorative skull and covers the entire shield. The skull and flowers engage in visual interplay as one becomes the other, and vice-versa. Designed by ERGONOMIDESIGN<sup>®</sup>



## 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.

Approvals/Compliance	EN 379 ANSI Z87.1-2003 CSA Z94.3
Classification	1 / 2 / 2 / 3
Switching time, light-dark	0,1 ms @ 23°C (73°F)
Switching time, dark-light	100 - 250 ms
UV / IR protection	Shade 12 (permanent)
Viewing area	44 x 93 mm (1.73 x 3.66 in)
Light state	Shade 3
Dark state	Shade 8-12 (variable)
Battery lifetime	1500 hours
Rated for	MIG, Stick, TIG ≥10 amps
Warranty	2 years

## Speedglas 100V Filter



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.

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