

3M™ Speedglas™ Welding Helmet Series 100  
Now upgraded in welding performance!

IMPROVED



 **Speedglas™**

# Functionality meets **Style**

- New headband design
- Now Possible to lock the welding filter in light shade 3
- Delay function allows you to set the dark-to-light opening time.
- More sensitivity settings
- Magnification made easier

Call your local 3M dealer for a hands-on demonstration!

The Power to Protect Your World<sup>SM</sup>

**3M**

# Upgraded Performance

Speedglas welding helmet series 100 allow you to take advantage of excellent optical quality and reliable light-to-dark switching at a highly affordable price. To increase welding comfort and performance we now offer a new headband design and an upgraded variable shade welding filter:



**NEW**

Improved headband design for higher comfort and robustness, with smooth ratchet for precise tightening.

Appropriate for most arc welding processes, including MMA, MIG/MAG and high amp TIG welding.

**NEW**

Built in holders for magnifying lens. Attaching the lens is easier and the fit is more accurate.



**NEW**

Possible to lock-in the light state shade 3, e.g. when grinding.

**NEW**

New Delay function now also allows you to set the dark-to-light opening time.

High impact rating according to the requirements of the European Standard EN 175:B.



100V welding filter



100S-10/100S-11 welding filters

Technical Specification	3M™ Speedglas™ Welding Filter 100V	3M™ Speedglas™ Welding Filter 100S-10	3M™ Speedglas™ Welding Filter 100S-11
Rated for	MIG, Stick, TIG >20 amps	MIG, Stick, limited TIG	MIG, Stick, limited TIG
Switching time, light-dark	0.1 ms @ 23°C	0.1 ms @ 23°C	0.1 ms @ 23°C
Switching time, dark-light	40–250 ms	150 ms	200 ms
UV / IR protection	Shade 12 (permanent)	Shade 12 (permanent)	Shade 12 (permanent)
Viewing area	44 x 93 mm	44 x 93 mm	44 x 93 mm
Light state	Shade 3	Shade 3	Shade 3
Dark state	Shade 8–12 (variable)	Shade 10 (single)	Shade 11 (single)
Battery lifetime	1500 hours	1500 hours	1500 hours

According to the European Standard the mechanical strength for this product is classified as B; resistance to high speed particles at medium energy impact (120 m/s). The letter T indicate that the test was conducted at extremes of temperatures (-5°C to +55°C).



Occupational Health & Environmental Safety  
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