

 **Speedglas™**

3M™ Speedglas™ ProTop

Eye, face and head protection



SAFETY • TECHNOLOGY • ERGONOMICS • DESIGN • COMFORT • INNOVATION

Comfortable, adaptable and balanced

The 3M™ Speedglas™ ProTop, combines a safety helmet, welding shield, and auto-darkening lens. It is especially designed for welders working in areas with overhead hazards, such as cranes, protruding beams, and moving machinery. The safety helmet meets European Standard EN397* for head protection for workers in shipyards, construction sites, mines, and other locations with overhead hazards.

Speedglas™ ProTop System: Perfectly balanced at all times

Traditional mechanisms to combine a welding shield and safety helmet merely pivot the welding shield around a fixed axis on the helmet. This unfortunately leaves the raised shield with a very high centre of gravity. As a result, the user feels off-balance, with the leveraged weight putting additional strain on the welder's neck muscles. The raised shield is also more likely to hit low overhead clearances, making mobility more difficult.

The exclusive, double-axis welding shield/safety helmet attachment mechanism is the key to the Speedglas ProTop system:

- ▶ The welder simply lifts the welding shield up. The double-axis mechanism first pivots on the axis attached to the safety helmet.
- ▶ When the shield becomes parallel to the ground, it begins to rotate using the second axis, which is attached to the welding shield.
- ▶ The shield moves in an arc which ends when it rests over the top of the safety helmet, securely locking into its low position.

To lower the shield, simply pull it forward to unlock it, then reverse the double-axis pivoting action until the shield is in its down position.

**The Speedglas ProTop can be retrofitted with an Australian standards approved AS/NZS1801 Tuffmaster II helmet if required.*



Comfortable, low-profile safety helmet design

3M™ Speedglas™ ProTop has a special low-profile design with minimal projections, so it is less likely to snag on surrounding obstacles. The flat front of the safety helmet features a short brim, so the welding shield can be close-to-the-face for optimum viewing. Moulded-in accessory slots are provided for optional ear protection with a moulded chinstrap lug for optional chinstrap. The ratcheting headband provides easy, secure, on-top-of-the-head sizing from 50 to 64 cm, all with a simple twist that locks each adjustment. The six-point webbing provides comfort and excellent shock absorption.



Welders can always see with overhead protection

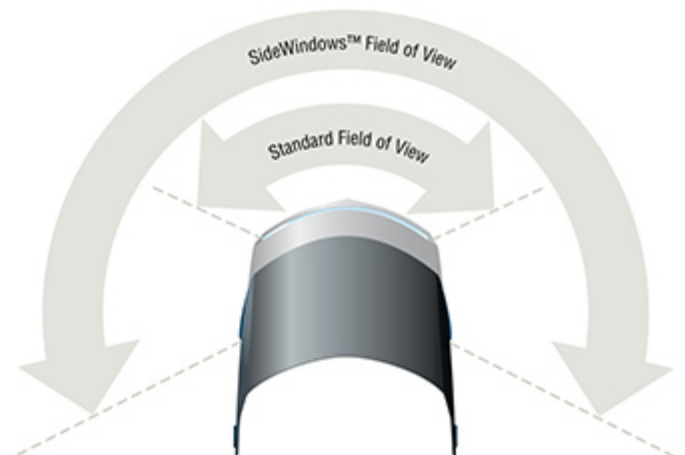
Speedglas™ welding lenses automatically change from a shade 3 light state to their dark state when an arc is struck. Welders can always see, with constant UV/IR protection. Speedglas lenses have the finest optical quality and the most reliable switching operation for the widest variety of arc welding processes.



Peripheral vision and breathability

Available only from Speedglas: a welding visor that breathes! Patented, aerodynamically-designed exhaust vents reduce carbon dioxide (CO₂) build-up while lowering humidity and heat. Users feel more energetic and clear-headed.

Another Speedglas exclusive: 3M™ Speedglas™ SideWindows™ increase the viewing area by 100%. Two shade 5 side lenses provide peripheral vision for increased visibility, safety and comfort.



3M™ Speedglas™ ProTop

▶ With SideWindows

Part No

48 38 70 With Speedglas 9002V variable shade 9–13.

48 38 80 ProTop with Speedglas 9002X large view variable shade 9–13.

48 38 00 ProTop excluding lens.

▶ With no SideWindows

Part No

48 31 70 With Speedglas 9002V variable shade 9–13.

48 31 80 ProTop with Speedglas 9002X large view variable shade 9–13.

48 31 00 ProTop excluding lens.



Technical Data 3M™ Speedglas™ ProTop

Approvals Head protection Eye protection	Conforms to AS/NZS 1801* AS/NZS 1337 & AS/NZS 1338.1
Safety Helmet Material Weight, helmet only Weight, helmet with Speedglas 9002V lens Colour	Tuffmaster II ABS plastic 390 g 890 g White (other colours upon request)
Speedglas Auto-darkening Lens	
Speedglas 9002X	Dark state shade 9-13 (variable) Viewing area 55x107 mm Switching time light-dark 0,1 ms
Speedglas 9002V	Dark state shade 9-13 (variable) Viewing area 42x93 mm Switching time light-dark 0,1 ms
*With Australian Tuffmaster II.	

Our focus is welders

Our integrated production enables us to achieve outstanding quality control in all processes. As a result, Speedglas™ is the world's leading brand of protective equipment for welders. And just as hundreds of thousands of users rely on Speedglas products every day for their best welding performance, we rely on welder comments for future product designs, developments and improvements.



Weld-Mart Australia

1 South Street
Rydalmere NSW 2116
Phone: 02 9638 5922
Fax: 02 9638 7317
Email Us: sales@weldmart.com.au

