3M™ Speedglas™ Quick Release Welding Helmets (QR)

New solution for welders head, eye and face protection

NEW

Speedglas™

Quick Release

No Compromises

The Power to Protect Your World℠

3M

Continuous head protection for welders

No more compromises: No more welding without overhead protection. And no more wearing a welding helmet when you do not need it.

Designed to fit many of the industry's most popular safety helmets, the 3M™ Speedglas™ Quick Release (QR) Rail swiftly clasps onto your safety helmet via a releasable ratcheting mechanism. With the rail installed, you can easily detach the welding visor and your safety helmet remains while doing non welding tasks.

Quickly Connect/Disconnect

Even with a gloved hand, you can easily attach the 3M™ Speedglas™ Welding Helmet 9100-QR (or 100-QR). When your welding work is finished, you can detach the welding helmet as quickly as you take off a baseball cap.

You never need to remove the safety helmet from your head – as you attach and detach the welding helmet from the rail – so head protection is truly continuous.

If you prefer to keep the welding helmet attached, it is quickly parked in the raised position. This "parked" position creates a low center of gravity, reducing the forces on your neck while letting you move around more easily thanks to the low profile.

For video and more information visit:
www.3M.eu/QuickRelease

Or scan this QR-code:

3M™ Speedglas™
Welding Helmet 100-QR

3M™ Speedglas™
Welding Helmet 9100-QR

Use Your Safety Helmet …Or Ours

The 3M™ Speedglas™ Quick Release (QR) Rail allows you to attach a Speedglas auto-darkening welding helmet to a wide range of the industry's most popular safety helmets.

3M offers a complete welding helmet system including the 3M™ Safety Helmet H-701. The H-701 is a full-featured safety helmet capable of accepting 3M integrated eyewear and earmuffs in addition to the 3M™ Speedglas™ Welding Helmet Series QR.

Fully Adjustable For Comfort & Performance

You can easily find your favorite viewing position by adjusting the height of the welding helmet.

To prevent the welding helmet swinging away from your face, you can precisely set the friction with the rubber wheel on top of the welding helmet.

High-Performing Auto-Darkening Filters

The 3M™ Speedglas™ Welding Helmet 9100-QR is 100% compatible with our top-of-the-line 3M™ Speedglas™ Welding Filter Series 9100, with superior optical performance for continuous viewing comfort: Variable dark shades 5, 8 and 9-13 and arc detection for low amp TIG.

As an alternative the easy-to-use 3M™ Speedglas™ Welding Helmet 100-QR can be an ideal auto-darkening helmet for the occasional welder. Five wadjustable dark shades 8-12 for most arc welding processes.

3M™ Speedglas™ Quick Release Rail – Complete Systems

Part No	Description
58 36 05	3M™ Speedglas™ Welding Helmet 9100-QR with 3M™ Speedglas™ Welding Filter 9100V and 3M™ Safety Helmet H-701
58 36 15	3M™ Speedglas™ Welding Helmet 9100-QR with 3M™ Speedglas™ Welding Filter 9100X and 3M™ Safety Helmet H-701
58 36 25	3M™ Speedglas™ Welding Helmet 9100-QR with 3M™ Speedglas™ Welding Filter 9100XX and 3M™ Safety Helmet H-701
78 35 20	3M™ Speedglas™ Welding Helmet 100-QR with 3M™ Speedglas™ Welding Filter 100V and 3M™ Safety Helmet H-701

Or Use Your Existing Safety Helmet

Part No	Description
58 26 00	3M™ Speedglas™ Welding Helmet 9100-QR with rail, without welding filter and safety helmet.
78 25 00	3M™ Speedglas™ Welding Helmet 100-QR with rail, without welding filter and safety helmet.

Welding Helmet	3M™ Speedglas™ Welding Helmet 9100-QR			3M™ Speedglas™ Welding Helmet 100-QR
Options	**9100XX Filter**	**9100X Filter**	**9100V Filter**	**100V Filter***
Viewing area	73 x 107 mm	54 x 107 mm	45 x 93 mm	44 x 93 mm
Battery life time	2 000 hrs	2500 hrs	2800 hrs	1500 hrs
Solar cell	No	Yes	Yes	No
Classification	1 / 1 / 1 / 2			1 / 2 / 2 / 2
Dark state	Shade 5, 8, 9-13			Shade 8-12
Delay (dark-light)	40 – 1300 ms			40 – 250 ms
Approvals Welding helmet Safety helmet	EN175:B, EN379, EN166:BT** 440 Vac (EN397)***			EN175:B, EN379, EN166:BT** 440 Vac (EN397)***

* The Speedglas welding filters 100S-10 and 100S-11 (single shade 10 or 11) are available as separate options.

** According to the European Standards 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 indicates that the test for resistance was conducted at extremes of temperatures (-5 to +55 C).

*** Speedglas Quick Release Rail is not approved to molten metal splash EN 397. When using with any non 3M manufactured safety helmets, it is the sole responsibility of the buyer to determine the compatibility and fitness of the 3M Speedglas Quick Release Rail.

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