

3M™ Speedglas™ Welding Filter Kit 9100XXi  
New auto-darkening welding solution from 3M

NEW

 **Speedglas™**



More  
**Natural Colour &  
Contrast**

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

**3M**

## An entire suite of improvements – putting the “i” in 9100XXi.



Introducing a new solution in our range of top-of-the-line auto-darkening welding filters within the 3M™ Speedglas™ Welding Helmet Series 9100. The 3M™ Speedglas™ Welding Filter 9100XXi offers the same large viewing area as our 9100XX welding filter. But thanks to the improved optics, the 9100XXi filter allows you to more readily recognize colors that may help you focus on your welding set-up, welding technique, precision grinding, and inspection of just-completed welds.

The newly redesigned silver front panel included in the 3M™ Speedglas™ Welding Filter Kit 9100XXi houses external controls, enabling fast and easy access to the grinding and memory modes. A new motion-sensor instantly turns ON the welding filter when you pick up the helmet.

### Clearly more colorful!

The difference is easy to see. Yes, in light state it is still shade 3! But what you see through the filter appears lighter, more detailed and colorful. In fact, the improved welding filter optics can make your entire viewing experience feel more natural. The 9100XXi welding filter kit (welding filter and new silver front panel) is only applicable to the 3M™ Speedglas™ Welding Helmets 9100 and 9100-Air.



**“The view seems lighter and less green – I can see colors far better! Even in the dark state, I see contours better.”**

**Veteran Welder**





## Introducing memory modes

Push the external button for 2-3 seconds to access one of your two preset welding modes. Each of the two memory modes has an individual setting for dark shade, light-to-dark switching sensitivity, and dark-to-light delay.

For example, by just pushing and holding the external button for 2-3 seconds, you can go from low-amp TIG to high-amp MIG welding.

## Fast switching between welding and grinding

Your helmet is ON, your shield is down...and with quick push of an external button, you are locked into shade 3, ready to grind. Another push returns to welding mode. You do not even have to take off a glove!

## Grab and go with auto-ON

Every time you pick up the welding helmet, the 9100XXi welding filter immediately turns ON to your latest welding setting. And it automatically turns itself OFF after a period of non-movement.



## Complete welding helmet systems – with 3M™ Speedglas™ Welding Filter Kit 9100XXi

Part No	Description
50 18 26	3M™ Speedglas™ Welding Helmet 9100, with welding filter kit 9100XXi
56 77 26	3M™ Speedglas™ Welding Helmet 9100 Air, with welding filter kit 9100XXi and 3M™ Adflo™ Powered Air Respirator
56 85 26	3M™ Speedglas™ Welding Helmet 9100 Air, with welding filter kit 9100XXi and 3M™ Versaflo™ Supplied Air Regulator V-500E



50 18 26



56 77 26



56 85 26

## Upgrade your current 3M™ Speedglas™ Welding Helmets 9100 / 9100-Air

Part No	Description
50 01 26	Welding filter kit 9100XXi (new silver front and 9100XXi welding filter). Applicable to Speedglas welding helmets 9100 and 9100 Air.
50 00 26	3M™ Speedglas™ Welding Filter 9100XXi (without silver front panel). The filter fits to all Speedglas welding helmet series 9100, but needs the new silver front to have the outside control functions.



### Technical data 3M™ Speedglas™ Welding Filter 9100XXi

<b>Viewing area</b>	73 x 107 mm	<b>Dark states</b>	Shades 5, 8, 9–13
<b>Battery life time</b>	1800 hours	<b>Fail-safe Shade</b>	Shade 5
<b>Battery type</b>	CR2032 (Lithium 3V)	<b>UV/IR Protection</b>	Shade 13 protection in all states.
<b>Classification</b>	1 / 1 / 1 / 2	<b>Delay (dark-to-light)</b>	Adjustable from 40 to 800 ms
<b>Light state</b>	Shade 3	<b>Approvals</b>	EN175:B, EN379, EN166:BT*
<b>Grinding state</b>	Shade 3		

\* 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).



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