



Science.  
Applied to Life.™



# Seeing is believing.



Innovative technology  
improves visibility in both  
dark & light states – to help  
you weld with confidence

3M™ Speedglas™ Auto Darkening Filter Kit 9100XXi

 **Speedglas™**



3M™ Speedglas™ Auto-Darkening Filter Kit 9100XXi

# See your work in a brand new light.

The new auto-darkening filter kit for the 3M™ Speedglas™ Welding Helmet Series 9100 is your window to a new world of more realistic color and detail – to help you weld, grind and see your finish.

With improvements based on input from master welders around the world, the 3M™ Speedglas™ Welding Filter 9100XXi sets a new standard for visibility, convenience and ease of use.



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



Access pre-set welding modes  
via the external button.  
No need to remove gloves!



## A new level of visibility and control

Improved optics deliver more  
natural color and contrast,  
which may allow:

- **Better control of the weld puddle**  
with a view that appears lighter,  
brighter and more realistic
- **Greater precision**  
with set-up and finishing operations
- **Simplified workflow**  
with convenient, “gloves-on” memory  
mode switching – plus a clearer view  
of welding machine controls



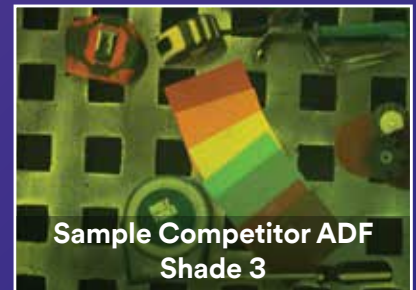
9100XXi ADF Shade 3

## See the difference!

Improved optics in the  
new 3M™ Speedglas™  
Welding Filter 9100XXi  
provide more contrast  
and natural-looking  
color, as shown by  
these photos.



9100XX ADF Shade 3



Sample Competitor ADF  
Shade 3

## Key Features

### Fast Switching Between Welding & Grinding

One touch of an external button lets you switch  
between welding mode and shade 3 grinding mode.

### Easy Upgrade

The 9100XXi ADF is compatible with all welding helmets  
in the 3M™ Speedglas™ Welding Helmet Series 9100.  
However, to access the grinding and memory modes,  
the silver front panel included in the 3M™ Speedglas™  
Auto-Darkening Filter Kit 9100XXi is required. This panel  
will only operate on Speedglas Welding Helmets 9100,  
9100-Air and 9100-QR.

### New Memory Modes

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

### Instant-On

“Grab and Go” feature automatically turns the welding  
filter on to your last welding setting whenever you pick  
up the helmet. Automatically shuts down after a period  
of inactivity.

## 3M™ Speedglas™ Auto-Darkening Filter Kit 9100XXi



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

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

Part No.	Description
06-0100-30iSW	3M™ Speedglas™ Welding Helmet 9100, with welding filter kit 9100XXi
35-1101-30iSW	Adflo™ Powered Air Respirator 3M™ Speedglas™ Welding Helmet 9100 Air, with welding filter kit
25-5702-30iSW	3M™ Speedglas™ Welding Helmet 9100 Air, with welding filter kit 9100XXi and 3M™ 9100XXi and 3M™ Versaflo™ Supplied Air Regulator V-100



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

Part No.	Description
06-0000-30i-KIT	Welding filter kit 9100XXi (new silver front and 9100XXi welding filter). Applicable to Speedglas welding helmets 9100 and 9100 Air.
06-0000-30i	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.

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

Viewing area	2.87 × 4.21 in. (73 × 107 mm)	Dark states	Shades 5, 8, 9–13
Battery life time	1800 hours	Fail-safe Shade	Shade 5
Battery type	CR2032 (Lithium 3V)	UV/IR Protection	Shade 13 protection in all states
Classification	1 / 1 / 1 / 2	Delay (dark-to-light)	Adjustable from 40 to 800 ms
Light state	Shade 3	Grinding state	Shade 3

## See what you've been missing.

Ask your welding supplier about the new ADF filter kit 9100XXi today!

Visit us at [3M.com/Speedglasxxi](http://3M.com/Speedglasxxi) or ask your welding supplier



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