

 **Speedglas™**



Adflo PAPR



9100



9100-Air



9100 FX



9100 FX-Air



9100 MP



Fresh-air III SAR



SL



100 Series



3M Welding Helmet 10



3M Headgear L-Series SG



3M Faceshield ClearVisor

PRODUCT OVERVIEW

# 3M Welding PPE Presentation



# Product overview

## Welding Helmet Options

Options	3M™ Speedglas™ Welding Helmet 9100 Series and 3M™ Headgear L-Series SG	3M™ Speedglas™ Welding Helmet SL	3M™ Speedglas™ Welding Helmet 100 series	3M™ Welding Helmet 10
Welding Filters	 <p>9100XXi    9100XX    9100X    9100V    9100 Passive</p>	 <p>SL</p>	 <p>100V    100S-10    100S-11</p>	 <p>10V</p>
Welding Helmets				

Options	With Hard Hat (Non-Air)	With 3M™ Adflo™ Powered Air Purifying Respirator	With 3M™ Speedglas™ Fresh Air III Supplied Air Regulator
Welding Helmet Systems			

## 3M™ Speedglas™ Welding Helmet SL

Five adjustable dark shades 8 –12 and a light shade of 3. Four sensitivity settings.

Grab & Go:  
A motion sensor automatically turns ON the welding filter when you pick up the helmet.



Our narrowest helmet:  
perfect for many  
super tight spaces.

Appropriate for most  
arc welding processes  
— such as Stick,  
MIG/MAG, TIG and  
plasma welding.

Dark shade can be  
increased to 13 or 14  
using upgrade plates.



## 3M™ Speedglas™ Welding Helmet SL

Welding filter options	SL Filter
Grinding (clearvisor)	N/A
Viewing area, welding filter (approx.)	1.68x3.57 in. (43x91 mm)
Battery lifetime (approx.)	1500 hours
Solar cell	NO
Hard hat options	NO
Classification (per EN 379)*	1/1/1/2
Dark state	Shade 8-12
Light state	Shade 3
UV/IR Protection	Shade 12 (permanent)
Auto ON	YES
Switching time, light - dark (approx.)	0.1 ms (+23°C)
Delay: switching time, dark-light (approx.)	60-250 ms
Side windows option	NO
Exhaust vents	NO
Number of sensors (arc detection)	2
<b>Approvals Head, Eye and Face protection</b> Welding helmet, Welding filter, Protection plates	ANSI Z87.1 – 2003 / CSA Z94.3

\* Per European Standard EN 379, auto-darkening welding filters have a four-part classification: optical class / diffusion of light / variation on luminous transmittance / angle dependence. Classifications range from 1 to 3, with 1 being the best.



FEATURES

TECHNICAL FACTS

ACCESSORIES

PARTS LIST

## 3M™ Speedglas™ Welding Helmet SL



**18-0099-68**  
Throat and side protector,  
leather



**02-0690-00**  
Throat protection



**06-0700-83**  
Full hood



**06-0500-56 – 06-0500-59**  
Magnification plates 1.5X, 2.0X, 2.5X  
and 3.0X



**16-0099-30**  
Headcover, FR cotton

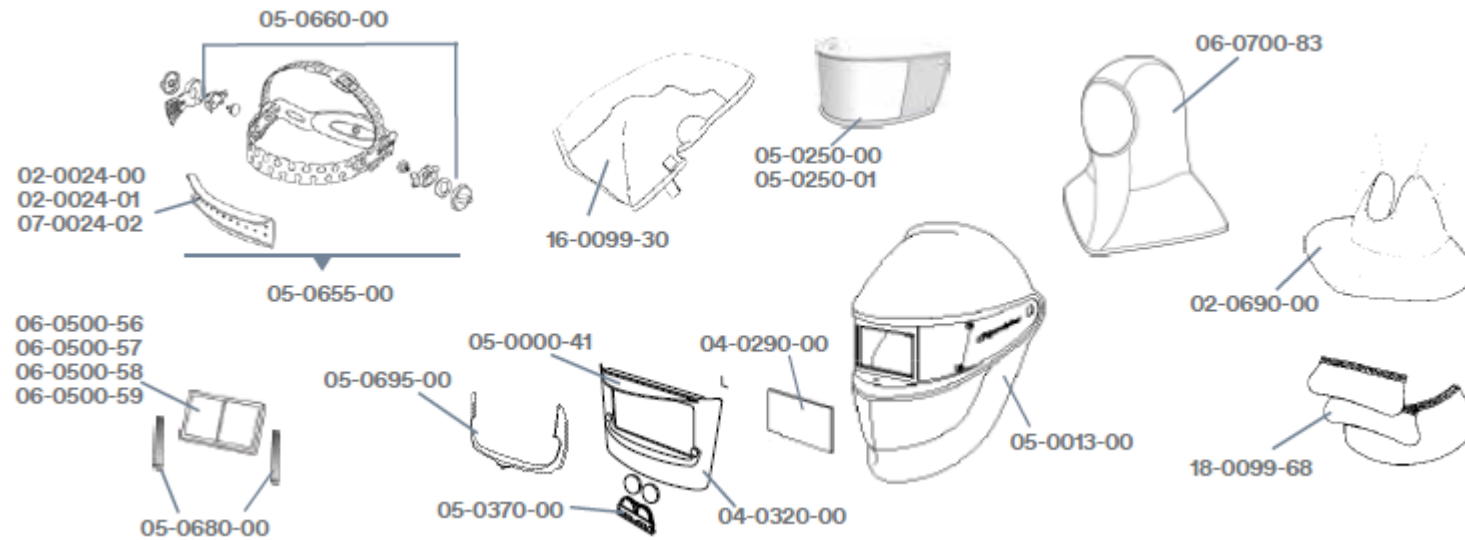
FEATURES

TECHNICAL FACTS

ACCESSORIES

PARTS LIST

# 3M™ Speedglas™ Welding Helmet SL



Part No	Description
05-0013-41	Speedglas welding helmet SL with welding filter



### Personal Safety Division

3M Center, Building 235-2W-70

St. Paul, MN 55144-1000

USA

Phone 1-800-328-1667

Web [www.3M.com/workersafety](http://www.3M.com/workersafety)

3M PSD products are occupational use only.

3M Personal Safety  
Service & Technical Support Center

1-800-243-4630 or visit [www.3M.com/workersafety](http://www.3M.com/workersafety)

**For a complete listing of parts, visit us at:  
[www.3M.com/weldingsafety](http://www.3M.com/weldingsafety)**

**Note:** Welding can create a variety of harmful fumes and gases. When engineering controls are impractical, respirators may be required to help reduce exposures to these airborne welding contaminants.

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### **⚠WARNING**

These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For proper use, see packaging instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

### **⚠WARNING**

This product is designed to help protect the wearer's eyes and face from harmful radiation including visible light, ultra-violet radiation (UV), infra-red radiation (IR), sparks and spatter resulting from welding processes. These products must be used only by qualified persons who are properly trained in their use and maintenance. Misuse may result in permanent eye injury and vision loss. Always wear ANSI Z87.1 compliant safety spectacles in addition to any welding helmet. For proper use, see supervisor, or User Instructions or call 3M in U.S.A. 1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414.