

A safer, more comfortable window to your world.



3M™ Speedglas™ Welding Helmets

3M™ Speedglas™ 100 Series Welding Helmets

Universal



Black
Shade 7
07-0012-10BL
Shade 11
07-0012-11BL
Shades 8-12
07-0012-31BL

Standard Graphics



Women Welders Collection



Auto-Darkening Filters



Accessories



3M™ Speedglas™ SL Helmet



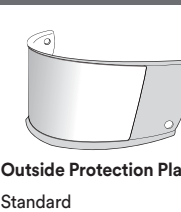
3M™ Speedglas™ SL Helmet
Shades 8-12
05-0013-41



05-0000-41
ADF SL
Shades 8-12



Inside Protection Plates
04-0290-00



Outside Protection Plates SL
Standard
05-0250-00
Hard Coated/Painted
05-0250-01



Magnification
Plates Holder
05-0690-00



Magnification Plates
1.5X: 06-0500-56
2.0X: 06-0500-57
2.5X: 06-0500-58
3.0X: 06-0500-59

3M™ Speedglas™ Welding Helmet 9100

Complete Helmets



9100V
Shades 5, 8-13
06-0100-10
06-0100-10SW

9100X
Shades 5, 8-13
06-0100-20
06-0100-20SW

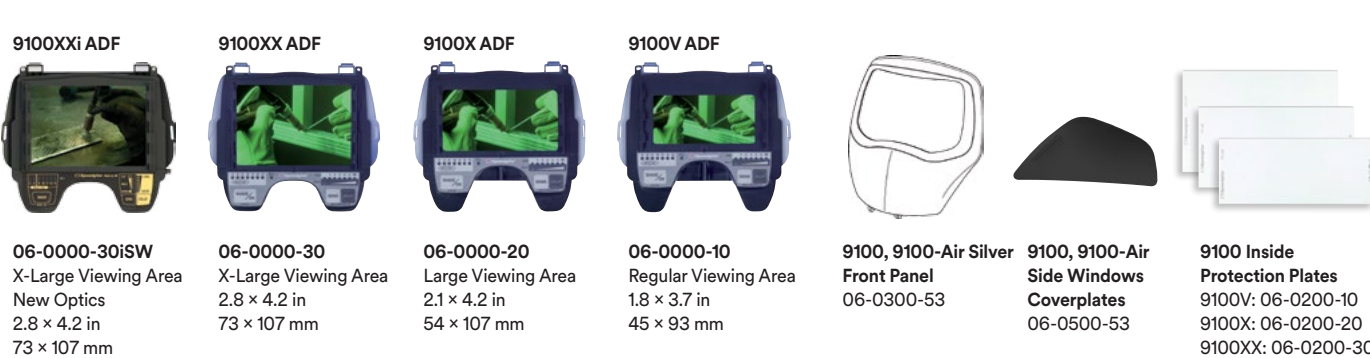
9100XX
Shades 5, 8-13
06-0100-30
06-0100-30SW

9100XXi
Shades 5, 8-13
06-0100-30iSW



Side Windows Feature

Auto-Darkening Filters



9100XXi ADF
X-Large Viewing Area
New Optics
2.8 x 4.2 in
73 x 107 mm

9100XX ADF
X-Large Viewing Area
2.8 x 4.2 in
73 x 107 mm

9100X ADF
Large Viewing Area
2.1 x 4.2 in
54 x 107 mm

9100V ADF
Regular Viewing Area
1.8 x 3.7 in
45 x 93 mm

Accessories



9100, 9100-Air Silver Front Panel
06-0300-53

9100, 9100-Air Side Windows Coverplates
06-0500-53

9100 Inside Protection Plates
9100V: 06-0200-10
9100X: 06-0200-20
9100XX: 06-0200-30

9100 Series Outside Protection Plates
Standard
06-0200-51
Scratch Resistant
06-0200-52
High Temperature
06-0200-53

3M™ Speedglas™ Welding Helmet 9100 FX

Complete Helmets



9100V ADF
Regular Viewing Area
1.8 x 3.7 in.
Shades 5, 8, 9-13
06-0600-10SW

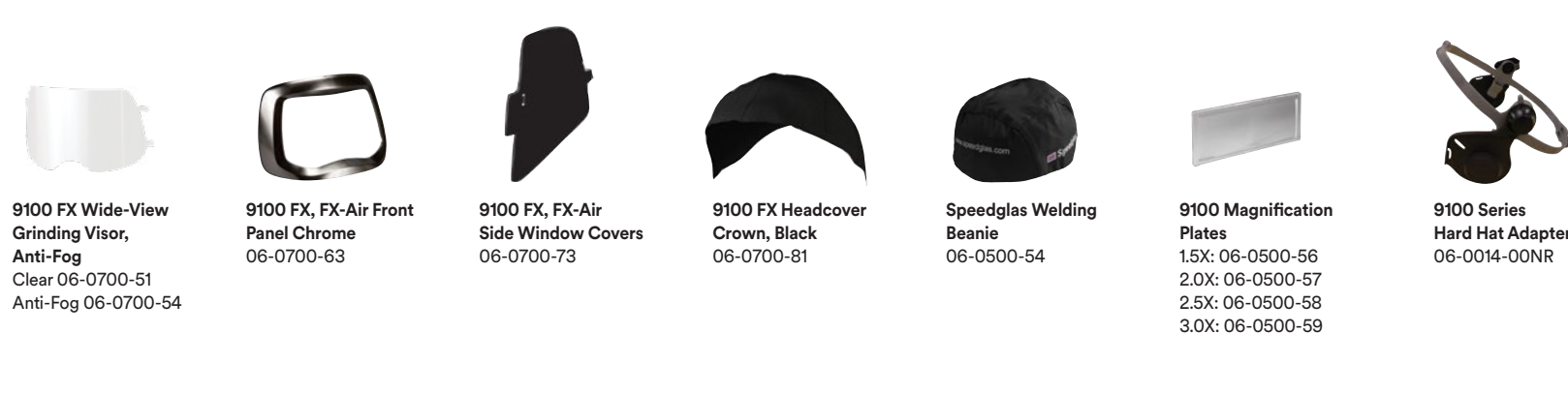
9100X ADF
Large Viewing Area
2.1 x 4.2 in.
Shades 5, 8, 9-13
06-0600-20SW

9100XX ADF
X-Large Viewing Area
2.8 x 4.2 in.
Shades 5, 8, 9-13
06-0600-30SW



9100FX Side Windows

Accessories



9100 FX Wide-View Grinding Visor, Anti-Fog
Clear
06-0700-51
Anti-Fog
06-0700-54

9100 FX, FX-Air Front Panel Chrome
06-0700-63

9100 FX, FX-Air Side Window Covers
06-0700-73

9100 FX Headcover Crown, Black
06-0700-81

Speedglas Welding Beanie
06-0500-54

9100 Magnification Plates
1.5X: 06-0500-56
2.0X: 06-0500-57
2.5X: 06-0500-58
3.0X: 06-0500-59

9100 Series Hard Hat Adapter
06-0014-00NR

Parts Accessories Chart

	3M™ Speedglas™ 9100 Series				3M™ Speedglas™ 9100 FX Helmet		3M™ Speedglas™ 9100 SL Helmet	3M™ 100 Speedglas™ Helmet
Accessories								
Inside Protection Plate (5/c)	06-0200-10	06-0200-20	06-0200-30	06-0200-10	06-0200-20	06-0200-30	04-0290-00	04-0290-00
Inside Protection Plate, Passive Filter #1 (5/c)	NA	NA	NA	NA	NA	NA	04-0290-01	04-0290-01
Inside Protection Plate, Passive Filter #2 (5/c)	NA	NA	NA	NA	NA	NA	04-0290-02	04-0290-02
Outside Protection Plate-Standard (10/cs)	06-0200-51	06-0200-51	06-0200-51	06-0200-51	06-0200-51	06-0200-51	05-0250-00	07-0200-51
Outside Protection Plate-Scratch Resistant (10/cs)	06-0200-52	06-0200-52	06-0200-52	06-0200-52	06-0200-52	06-0200-52	05-0250-01	07-0200-52
Outside Protection Plate-High (10/cs)	06-0200-53	06-0200-53	06-0200-53	06-0200-53	06-0200-53	06-0200-53	NA	07-0200-53
Battery Holder	06-0400-55	06-0400-55	06-0400-55	06-0400-55	06-0400-55	06-0400-55	05-0370-00	05-0370-00
Battery (2 pack)	04-0320-00	04-0320-00	04-0320-00	04-0320-00	04-0320-00	04-0320-00	04-0320-00	04-0320-00
Headband w/ Mounting Hardware (1/cs)	06-0400-51	06-0400-51	06-0400-51	06-0400-51	06-0400-51	06-0400-51	05-0650-00	05-0650-00
Headband Hardware Assembly Kit (1/cs)	06-0400-52	06-0400-52	06-0400-52	06-0400-52	06-0400-52	06-0400-52	05-0660-00	05-0660-00
Silver Front Panel	06-0300-53	06-0300-53	06-0300-53	06-0700-63	06-0700-63	06-0700-63	NA	07-0212-00SV
Sweatband	06-0200-54	06-0200-54	06-0200-54	06-0200-54	06-0200-54	06-0200-54	02-0024-02	02-0024-02
Extended Head Cover (1/cs)	06-0500-51	06-0500-51	06-0500-51	06-0700-82	06-0700-82	06-0700-82	02-0645-00	02-0645-00
Throat Protector	06-0500-52	06-0500-52	06-0500-52	06-0500-52	06-0500-52	06-0500-52	02-0690-00	02-0690-00
Magnification Plate 1.5	06-0500-56	06-0500-56	06-0500-56	06-0500-56	06-0500-56	06-0500-56	06-0500-56	06-0500-56
Magnification Plate 2.0	06-0500-57	06-0500-57	06-0500-57	06-0500-57	06-0500-57	06-0500-57	06-0500-57	06-0500-57
Magnification Plate 2.5	06-0500-58	06-0500-58	06-0500-58	06-0500-58	06-0500-58	06-0500-58	06-0500-58	06-0500-58
Magnification Plate 3.0	06-0500-59	06-0500-59	06-0500-59	06-0500-59	06-0500-59	06-0500-59	06-0500-59	06-0500-59
Speedglas Side Window Covers (2/cs)	06-0500-53	06-0500-53	06-0500-53	06-0700-73	06-0700-73	06-0700-73	NA	NA

Welding Application Guide

	100F	100V	SL	9100V	9100X	9100XX
SMAW (stick)						
MIG/MAG						
TIG (>10A)						
TIG (1A-10A)						
Plasma (Welding & Cutting)						
Risk for Hidden Arc						
Tack Welding						
Grinding						
	Optimized		Suitable		Not Recommended	

Warranty Period

Three Years:

3M™ Speedglas™ 9100 Series Auto-Darkening Filters

Two Years:

3M™ Speedglas™ SL and 100 Series Auto-Darkening Filters

One Year:

3M™ Adflo™ Powered Air Purifying Respirator and battery

90 Days:

Battery charger and associated helmet hardware

For Warranty & Repair or Upgrade requests, please email or call:
3mvalleywarranty@mmm.com
1-800-328-1667 option 3
option 1

3M™ Speedglas™ Welding Helmets with Respirator Protection

3M™ Speedglas™ Welding Helmet 9100 FX-Air – Complete Systems*

*With Grinding Shield underneath

Adflo PAPR

with HE Particle Filter
36-1101-10SW Large
36-1101-20SW X Large
36-1101-30SW 2X Large



With Chemical Cartridge AG/OV and HE Particle Filter
36-3301-10SW Large
36-3301-20SW X Large
36-3301-30SW 2X Large



Fresh Air III Systems

V-100 Cooling Valve
26-5702-00SW V-100*
26-5702-30SWHD 2X Large



V-200 Heating Valve
26-5802-00SW V-200*
26-5802-30W 2X Large



*No ADF included.

*No ADF included.

3M™ Speedglas™ Welding Helmet 9100-Air – Complete Systems

Adflo PAPR

with HE Particle Filter
35-1101-00SW*
35-1101-10SW Large
35-1101-20SW X Large
35-1101-30SW 2X Large**



With Chemical Cartridge AG/OV and HE Particle Filter
35-3301-00SW*
35-3301-10SW Large
35-3301-20SW X Large
35-3301-30SW 2X Large



Fresh Air III Systems

V-100 Cooling Valve
25-5702-10SW Large
25-5702-20SW X Large
25-5702-30SW 2X Large*



V-200 Heating Valve
25-5802-10SW Large
25-5802-20SW X Large
25-5802-30SW 2X Large



*No ADF included. **New Optics.

*No ADF included.

*New Optics.

3M™ Speedglas™ Welding Helmet 9100 MP – Complete Systems*

*hard hat rated Type 1

*hard hat rated Type 1

Adflo PAPR

37-1101-00SW*
37-1101-00SWHA**
37-1101-10SW Large
37-1101-20SW X Large
37-1101-30SW 2X Large



Fresh Air III Systems

V-100 Cooling Valve
27-5702-00SWSR*
27-5702-10SW Large
27-5702-20SW X Large
27-5702-30SW 2X Large



V-300 Ambient Air Valve
27-5902-10SW Large
27-5902-20SW X Large
27-5902-30SW 2X Large



*No ADF included. **High altitude version.

*No ADF included.

3M™ Adflo™ Powered Air Purifying Respiratory System

35-5401-01

Adflo kit*



3M™ Fresh Air III Supplied Air Systems

V-100 Vortex Air-Cooling Valve¹



V-200 Vortemp Air-Heating Valve¹



V-300 Air Regulating Valve¹



V-400 Low Pressure²



*High-altitude PAPR also available.

¹ Use with airline hose W-9435 (25, 50, 100') or W-2929 Series (25, 50, 100')

² Use with airline hose W-3020 (25, 50, 100')

Accessories



3M Occupational Health & Environmental Safety
Service & Technical Support Center
1-800-243-4630 or visit www.3M.com/workersafety
For a complete listing of parts, visit us at:
www.3M.com/weldingsafety

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

3M PSD products are occupational use only.

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 294.4 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.