

# 3M™ Speedglas™ Welding Helmet Series 9100XXi

NEW

New auto-darkening welding solution

 **Speedglas™**



With  
**True-View**

and  
**Set-and-Forget**



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



Watch the video series at  
[www.speedglas.com.au](http://www.speedglas.com.au)

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



Introducing the new 3M™ Speedglas™ Welding Helmet Series 9100XXi. The Speedglas 9100XXi offers True-View combined with the largest viewing area on the market\* that includes SideWindow peripheral vision.

Thanks to improved optics, True-View allows you to more readily recognise colours and contours. Literally see the difference when you focus on your welding set-up, welding technique, precision grinding, and inspection of just-completed welds.

A new motion-sensor instantly turns the welding lens ON and with the advanced Set-and-Forget feature you never need to touch the internal control panel again.

Experience the power of 9100XXi, capable of detecting an arc down to an industry leading 1 amp.

### True-View: Clearly more Colourful!

The difference is easy to see. Yes, in light state it is still shade 3! But what you see through the lens appears lighter, more detailed and colourful. In fact, the improved welding lens optics can make your entire viewing experience feel more natural. When combined with the Speedglas peripheral SideWindows you experience a view like no other...



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

**Veteran Welder**

\*The Speedglas welding lens 9100XXi when combined with the peripheral Speedglas SideWindows gives the largest viewing area amongst auto-darkening welding helmets currently available on the Australian & New Zealand market at the time of printing.



## Introducing Set-and-Forget

Push the external button\* for 2-3 seconds to load one of your two available preset welding modes. Once set, the memory mode retains its own individual setting for dark shade, light-to-dark switching sensitivity, and dark-to-light delay. Once both are set, by just pushing and holding the external button for 2-3 seconds, you can switch between your two preset modes. For example, you can switch between low-amp TIG and high-amp MIG welding settings at the press of a button.

## One-Touch to Grind

Your helmet is ON, your shield is down...and with a quick push of an external button\*, you are locked into shade 3, ready to grind. Another push and you're ready to weld again. You don't even have to take off a glove!

## Grab-and-Go with Auto-ON

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

\*The external button is not available on the 3M™ Speedglas™ Welding Helmet 9100 FX and 3M™ Speedglas™ Welding Helmet 9100 MP. To grind on these systems you simply lift the flip-up mechanism. The memory mode is not accessible on these platforms.



# 3M™ Speedglas™ Welding Helmet 9100XXi

## Ultimate Performance



reddot design award  
best of the best 2009



product design award

2009

With the new 9100XXi features including True-View, Set-and-Forget, Grab-and-Go and One-Touch the Speedglas 9100 Welding Helmet is in a class of its own.



High comfort head harness with two crown straps for optimum balance.

Compliant with Australian and New Zealand Standard AS/NZS1337.1 for high impact eye and face protection.



3M™ Speedglas™ Welding Lens 9100XXi with True-View for crisp colour and contrast.

Lens reacts down to an industry leading 1 amp.

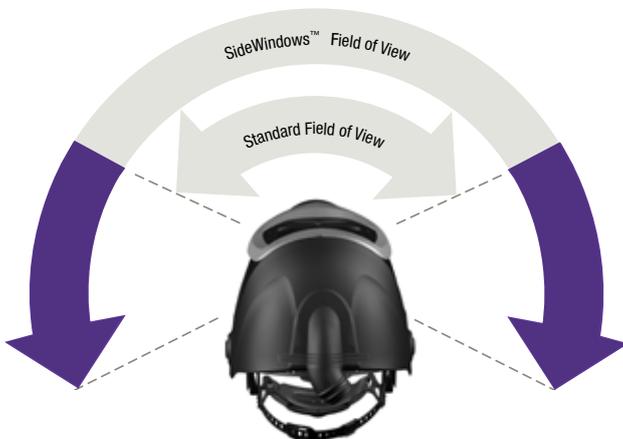
SideWindows: Shade 5 windows widen your field of vision to give you the largest viewing area on the market\*

Heat reflecting silver front with external button for grind and welding memory settings.

Auto-on and equipped with the all-important centre sensor for TIG welding

Extended-length, flame-resistant head, neck and ear protection available as accessories.

Increased coverage for ears and neck.



No more tunnel vision: previously hidden peripheral hazards are now visible through two, shade 5 side lenses with conventional shade 13 UV protection.

Magnifying lens holder: provides precise lens placement.

Exhaust vents: direct your exhaled air out of the helmet, reducing the likelihood of a foggy welding lens.



\*The Speedglas welding lens 9100XXi when combined with the peripheral Speedglas SideWindows gives the largest viewing area amongst auto-darkening welding helmets currently available on the Australian & New Zealand market at the time of printing.

# 3M™ Speedglas™ Welding Helmet 9100XXi Air

## Respiratory Protection

All of the benefits of the Speedglas welding helmet 9100XXi can now be used in combination with the 3M™ Adflo™ powered air respirator or 3M™ Versaflo™ supplied air regulator V-500E.



Compliant with Australian and New Zealand Standard AS/NZS1337.1 for high impact eye and face protection.

3M™ Speedglas™ Welding Lens 9100XXi with Auto-On and True-View for crisp colour and contrast.

Heat reflecting silver front with external button for grind and welding memory settings.

The all-new face seal, follows the contours of both the helmet and your face.

The airduct is an integral part of the helmet, providing a refreshing flow of air across the entire breathing zone of the helmet.

High comfort head harness with two crown straps for optimum balance.

SideWindows: Shade 5 windows widen your field of vision to give you the largest viewing area on the market\*

An innovative quick release attachment enables one-handed breathing tube connection and release.



**Airflow:** The middle channel keeps the welding lens fog-free, while two side channels provide smoothly delivered air to your nose and mouth.



**Extended protection:** A flame-resistant headcover (used in this application) and ear/neck protection are available as accessories to all Speedglas 9100 series welding helmets.

# 3M™ Speedglas™ Welding Helmet 9100XXi FX



## Flip-up Helmet Functionality

Introducing the Speedglas welding helmet 9100 FX, a flip-up combination of an auto-darkening welding helmet and a protective visor. Not only is the viewing area larger

compared to previous models, we totally redesigned the geometry of the helmet for a wider field of view in all directions.

3M™ Speedglas™ Welding Lens 9100XXi with Auto-On and True-View for crisp colour and contrast.



High comfort head harness with two crown straps for optimum balance.

Smooth flip-up function with curved 170x100 mm clear grinding visor.

Compliant with Australian and New Zealand Standard AS/NZS1337.1 for high impact eye and face protection.



Lens reacts down to an industry leading 1 amp.

The entire helmet can also be 'locked' in the perfectly balanced, up, parked position.

SideWindows: Shade 5 windows widen your field of vision to give you the largest viewing area on the market\*

Exhaust vents to assist in removing exhaled air.



The award winning 9100 FX flip-up welding helmet is perfectly balanced both in ergonomics and functionality. The balanced combination of welding helmet and grinding visor that sits perfectly balanced for a comfortable all-day wear.



A spark and spatter-resistant head cover is included as standard in all 9100 FX & FX Air series welding helmets. An optional extended-length head cover and ear/neck protection are available as accessories.

\*The Speedglas welding lens 9100XXi when combined with the peripheral Speedglas SideWindows gives the largest viewing area amongst auto-darkening welding helmets currently available on the Australian & New Zealand market at the time of printing.

# 3M™ Speedglas™ Welding Helmet 9100XXi FX Air

## Flip-up Helmet with Respiratory Protection

All of the benefits of the Speedglas welding helmet 9100 FX can now be used in combination with the 3M™ Adflo™ powered air respirator or 3M™ Versaflo™ supplied

air regulator V-500E. Workers can have integrated face, eye and respiratory protection - whether they are grinding, welding, or simply walking through a work zone.

3M™ Speedglas™ Welding Lens 9100XXi with Auto-On and True-View for crisp colour and contrast.



High comfort head harness with two crown straps for optimum balance.

Smooth flip-up function with curved 170x100 mm clear grinding visor.

Compliant with Australian and New Zealand Standard AS/NZS1337.1 for high impact eye and face protection.



Lens reacts down to an industry leading 1 amp.

The breathing tube is attached to the head harness instead of the helmet for improved comfort and balance.

SideWindows: Shade 5 windows widen your field of vision to give you the largest viewing area on the market\*

An innovative quick release attachment enables one-handed breathing tube connection and release.



To achieve a higher level of respiratory protection, air is supplied directly to the breathing zone. A diffuser broadens and reduces the speed of the airflow for your maximum comfort.



A quick lift of the silver front and you get a clear, big, 170 x 100 mm view — perfect for precision grinding in low light conditions, while maintaining your respiratory protection.

# 3M™ Speedglas™ Welding Helmet 9100XXi QR

**NEW**

## Quick Release: Flexible & Comfortable

Now you never need to remove your safety helmet as you attach and detach the welding helmet! If you prefer to keep the welding helmet attached, it is quickly parked in the raised position.

This parked position creates a low centre of gravity, reducing the forces on your neck while allowing you to move around more easily thanks to the low profile.

Even with a gloved hand, you can easily attach or remove the 3M™ Speedglas™ Welding Helmet 9100-QR.

The Quick Release (QR) Rail allows you to attach the Speedglas auto-darkening welding helmet 9100-QR to many of the industry's safety helmets.



Designed from inception to accommodate 3M™ Peltor™ Earmuffs (Class 5).

3M™ Speedglas™ Welding Lens 9100XXi with Auto-On and True-View for crisp colour and contrast.

Lens reacts down to an industry leading 1 amp.

SideWindows: Shade 5 windows widen your field of vision to give you the largest viewing area on the market\*

Exhaled air is channelled out via side exhaust vents.



Simply squeeze to attach or remove the welding helmet. You never need to remove your safety helmet.

To view videos and learn more about Speedglas quick release welding helmets, visit:

[www.speedglas.com.au](http://www.speedglas.com.au)

or scan this QR-code:



\*The Speedglas welding lens 9100XXi when combined with the peripheral Speedglas SideWindows gives the largest viewing area amongst auto-darkening welding helmets currently available on the Australian & New Zealand market at the time of printing.

# 3M™ Speedglas™ Welding Helmet 9100XXi MP Air

## Multi-Protection: Head, Eye, Face, Respiratory and Hearing

Introducing the Speedglas welding helmet 9100 MP Air, a flip-up combination of an auto-darkening welding helmet, a protective visor and a safety helmet.

The Speedglas welding helmet 9100 MP Air can be used in combination with the 3M™ Adflo™ powered air respirator or the 3M™ Versaflo™ supplied air regulator V-500E.

Compliant with Australian and New Zealand Standard AS/NZS1337.1 for high impact eye and face protection.

Lens reacts down to an industry leading 1 amp.

3M™ Speedglas™ Welding Lens 9100XXi with Auto-On and True-View for crisp colour and contrast.

Smooth flip-up function with curved 170x100 mm clear protective visor, increasing your peripheral vision to 170°.

The safety helmet is made from heat resistant polycarbonate and conforms to Australian and New Zealand standard AS/NZS1801 for head protection.

SideWindows: Shade 5 windows widen your field of vision to give you the largest viewing area on the market\*

An innovative quick release attachment enables one-handed breathing tube connection and release.



The world's leading brand in personal protective equipment for welders - 3M Speedglas - teams up with 3M Peltor to deliver AS/NZS1270 compliant hearing protection.





## New Upgrades

The upgraded Adflo™ powered air respirator has been reduced in weight by over 15%. The new Adflo lithium-ion batteries (standard & heavy duty) charge from 0 to 80% of their full capacity in approximately one hour.

### NEW

Now with one hour Rapid Charge (RC).

### NEW

40% lighter standard and heavy duty battery.

### NEW

Over 15% lighter Adflo powered air respirator system.

### NEW

Self adjusting Quick Release Swivel (QRS) breathing tube for one handed connection and release.

### NEW

Matt black finish on the Adflo filter cover for increased durability.

“Trusted by  
Welders”

**NEW**

# Cooler, cleaner and more comfortable welding

## Built Specifically for Welders

Since its launch, 3M™ Adflo™ powered air respirator has become one of the most popular powered air respirators in the world. With its smart, compact design, the award-winning Adflo respirator is specifically designed to meet your welding needs.

### Protection and Comfort

By using the Adflo respirator, you get both increased protection and comfort all day long. Continuous airflow provides filtered air that takes much of the heat and sweat out of welding.

### An Adaptable System that Saves Money

With the right type of filter, the Adflo respirator effectively protects against both particles and gases. Because you can selectively replace either the particle or the gas filter as needed: you don't need to change both filters at the same time.

### Full Mobility

The slim profile is perfect for use in tight spaces. Its ergonomics are based on the welder's need for lightweight, adaptable and easy-to-use respiratory protection.



### Constant Flow of Clean Air

The airflow is always a constant nominal rate of 170 litres per minute, regardless of the battery's charge or the particle loading of the filter. For hot, humid jobs, you can increase the airflow to 200 litres per minute by simply pushing the ON button a second time.

### Because You Only Have One Set of Lungs

The Adflo complies to Australian and New Zealand standard AS/NZS1716 for powered air respirators and offers a Required Minimum Protection Factor (RMPF) of 50 for mechanically and thermally generated particles.



Full mobility with adaptability.

Technical Data	3M™ Adflo™ PAPR
Approvals Respiratory Protection	Conforms to AS/NZS1716
Required Minimum Protection Factor (RMPF)**	50
Airflow Standard Airflow Plus	170 litres/minute 200 litres/minute
Weight Respirator	960 grams
Battery: Charging time Operating hours	Li-ion with rapid charge (0-80% in an hour*) 4.5 hours (standard), 5.5 hours (heavy duty) 8 hours (standard), 12 hours (heavy duty)
Noise level dB	Max 75 dB
Belt	Leather 75-115cm

Gas and odour filters available as an optional extra.

\* Standard battery will be 80% charged (6.4 hours run time) in approximately one hour.

Heavy duty battery will be 80% charged (9.6 hours run time) in approximately one hour.

\*\* For mechanically and thermally generated particles.

# 3M™ Versaflo™ Supplied Air Regulator V-500E

## Your Welding Environment

The Versaflo™ supplied air regulator V-500E is a lightweight, belt mounted regulator that allows you to adjust the airflow from 170 litres per minute to 305 litres per minute. The high, constant flow rate makes the V-500E regulator ideal for hot and strenuous welding conditions when used with the 3M™ Speedglas™ welding helmet 9100 Air, 3M™ Speedglas™ welding helmet 9100 FX Air and 3M™ Speedglas™ welding helmet 9100 MP Air.

## Connects to Breathable Air Hoses

The belt-mounted regulator connects to an approved breathable air hose with a new quick release connection. The airline supply must be air of breathable quality meeting the performance standards of AS/NZS1716. Oil mist, water vapour or non-toxic, unpleasant odours can be removed with a breathing air filtration system.

## Respirator Standards

The Versaflo regulator V-500E complies to Australian and New Zealand standard AS/NZS1716 for supplied air respirators and delivers a Required Minimum Protection Factor (RMPF) of 100+.



## Innovative & Quiet

The Versaflo regulator V-500E features an integrated low flow warning whistle and a silencer that reduces the regulator’s noise level to less than 65 dBA - the equivalent of a typical conversation. The regulator unit can be positioned on the belt to accommodate right and left handed users and a swiveling bayonet connector allows the breathing tube to move freely to the most comfortable position.



Lightweight with high flow rates.

Technical Data	3M™ Versaflo™ SAR V-500E
Approvals Respiratory Protection	Conforms to AS/NZS1716
Required Minimum Protection Factor (RMPF)	100+
Airflow Nominal Pressure Range Maximum Pressure	170-305 litres/minute 3.5-8 bar 10 bar
Weight	514 grams
Noise Level dB	Max 65 dB
Feeder Hose	Conforming to AS/NZS1716
Inlet and auxiliary port	1/4 inch BSP thread
Carbon filter available to remove odours.	



Use the product selector mobile app to select a helmet best suited to your specific needs.

## Part Numbers - Welding Helmets



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

Eye Protection - AS/NZS1338.1, Face Protection - AS/NZS1337.1 (High Impact),

Part no:

50 18 26 Speedglas™ welding helmet 9100XXi



### 3M™ Speedglas™ Welding Helmet 9100XXi Air with Respiratory Protection

Eye Protection - AS/NZS1338.1, Face Protection - AS/NZS1337.1 (High Impact),  
Respiratory Protection - AS/NZS1716

Part no:

50 77 26 with 3M™ Adflo™ powered air respirator

50 88 26 with 3M™ Versaflo™ supplied air regulator V-500E



**PREMIUM SPEEDGLAS  
BAG INCLUDED!**



### 3M™ Speedglas™ Flip-Up Welding Helmet 9100XXi FX

Eye Protection - AS/NZS1338.1, Face Protection - AS/NZS1337.1 (High Impact),  
Optional Head Protection AS/NZS1801

Part no:

54 18 26 Speedglas™ welding helmet 9100XXi FX

54 38 26 Speedglas™ welding helmet 9100XXi FX with safety helmet



### 3M™ Speedglas™ Flip-Up Welding Helmet 9100XXi FX Air with Respiratory Protection

Eye Protection - AS/NZS1338.1, Face Protection - AS/NZS1337.1 (High Impact),  
Respiratory Protection - AS/NZS1716

Part no:

54 77 26 with 3M™ Adflo™ powered air respirator

54 88 26 with 3M™ Versaflo™ supplied air regulator V-500E



**PREMIUM SPEEDGLAS  
BAG INCLUDED!**

# Part Numbers - Welding Helmets



## 3M™ Speedglas™ Welding Helmet 9100XXi QR

Eye Protection - AS/NZS1338.1, Head Protection AS/NZS1801,  
Optional Hearing Protection - AS/NZS1270

Part no:

50 36 26 Speedglas™ welding helmet 9100XXi QR with safety helmet  
50 26 26 Speedglas™ welding helmet 9100XXi QR exc safety helmet  
995X4P3GE Optional 3M™ Peltor™ earmuffs (SLC80 27dB Class 5)



## 3M™ Speedglas™ Flip-Up Welding & Safety Helmet 9100XXi MP Air with Respiratory Protection

Eye Protection - AS/NZS1338.1, Face Protection - AS/NZS1337.1 (High Impact),  
Respiratory Protection - AS/NZS1716, Head Protection AS/NZS1801, Optional Hearing  
Protection - AS/NZS1270

Part no:

57 77 26 with 3M™ Adflo™ powered air respirator  
57 88 26 with 3M™ Versaflo™ supplied air regulator V-500E  
19 70 11 Optional 3M™ Peltor™ earmuffs (SLC80 25dB Class 4)



**PREMIUM SPEEDGLAS  
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# Technical Data - Welding Lens 9100XXi



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

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

<sup>^</sup> Grinding state not available in 9100 FX & MP platforms. To grind on these systems, simply lift the flip-up mechanism.

3M and Australian Welding Supplies Pty Ltd (AWS) warrants that the Auto-Darkening Welding Lens (ADL) will be free of defects in workmanship and materials for a period of three (3) years from date of purchase. The warranty excludes failure resulting from improper use or modification of the ADL and factors beyond the control of AWS. Except where prohibited by law, AWS and 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted. In the case of a warranty claim, a copy of the receipt with date of purchase, along with a description of the fault must be enclosed. This warranty is provided in addition to other rights and remedies you have under law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be acceptable quality and the failure does not amount to a major failure.

\*European Standard EN379 provides classifications for auto-darkening welding lenses: optical class / diffusion of light / variation on luminous transmittance. Classifications range from 1 to 3, with 1 being the best.

# Part Numbers - Upgrade Kits

## 3M™ Speedglas™ Welding Lens 9100XXi Upgrade Kits



For existing 3M™ Speedglas™ 9100 welding helmet customers looking to upgrade to the Speedglas 9100XXi welding lens.

Part no:

50 01 26 Speedglas 9100XXi lens and silver cover upgrade kit\*\*

50 00 26 Speedglas 9100XXi lens only

\*\*500126 upgrade kit only compatible with non flip-up platforms. Not suitable for 9100 FX, 9100 FX Air or 9100 MP.

## 3M™ Speedglas™ Welding Helmet 9100XXi Adflo PAPER Upgrade Kits



For existing 3M™ Adflo™ PAPER customers looking to upgrade their headtop. Kit comes complete with the Speedglas™ 9100XXi lens, breathing tube, carry bag and the headtop of your choosing -

Part no:

50 90 26 Speedglas 9100XXi Air upgrade kit

54 90 26 Speedglas 9100XXi FX Air upgrade kit

57 90 26 Speedglas 9100XXi MP Air upgrade kit



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## 3M™ Adflo™ PAPER Upgrade Kits



For existing 3M™ Adflo™ PAPER customers looking to upgrade to Rapid Charge and a 40% lighter battery. Kit comes complete with the new Adflo lithium-ion battery and rapid charger.

Part no:

83 76 30C Standard lithium-ion battery with rapid charger

83 76 31C Heavy duty lithium-ion battery with rapid charger



# 3M™ Versaflo™ High Impact Headtop, M-Series

## With Respiratory Protection

The Versaflo M-Series headtops are lightweight, compact and well-balanced and offer integrated eye, face and respiratory protection with optional head and hearing protection.

The M-Series helmet can be used in combination with the 3M™ Adflo™ Powered Air Respirator or the 3M™ Supplied Air Regulator V-500E.

Compliant with Australian and New Zealand Standard AS/NZS1337.1 for high impact eye and face protection.



Designed from inception to accept 3M™ Peltor™ H31 Earmuffs

Coated visor provides added chemical and scratch resistance

New visor design combines excellent peripheral and downward vision with premium optical quality

The safety helmet is made from heat resistant polycarbonate and conforms to Australian and New Zealand standard AS/NZS1801 for head protection.

Fully adjustable head harness that includes straps for an optimal fit and improved weight distribution.

Features a flame resistant polyester faceseal for applications with hot particles.



Available as a respiratory protection faceshield with high impact visor or alternately, respiratory protection faceshield with high impact visor and Type 1 industrial safety helmet.

# Part Numbers - Face Shields, Respiratory



## 3M™ Versaflo™ Shield M-107 with Respiratory Protection

Face Protection - AS/NZS1337.1 (High Impact), Respiratory Protection - AS/NZS1716,  
Optional Hearing Protection - AS/NZS1270

Part no:

89 01 07 with 3M™ Adflo™ powered air respirator

89 11 07 with 3M™ Versaflo™ supplied air regulator V-500E

19 70 11 Optional 3M™ Peltor™ earmuffs (SLC80 21dB Class 3)



## 3M™ Versaflo™ Shield & Safety Helmet M-307 with Respiratory Protection

Face Protection - AS/NZS1337.1 (High Impact), Respiratory Protection - AS/NZS1716,  
Head Protection AS/NZS1801, Optional Hearing Protection - AS/NZS1270

Part no:

89 03 07 with 3M™ Adflo™ powered air respirator

89 13 07 with 3M™ Versaflo™ supplied air regulator V-500E

19 70 11 Optional 3M™ Peltor™ earmuffs (SLC80 25dB Class 4)



**PREMIUM SPEEDGLAS  
BAG INCLUDED!**



## 3M™ Versaflo™ Flip-Up Shield & Safety Helmet M-407 with Respiratory Protection

Face Protection - AS/NZS1337.1 (High Impact), Respiratory Protection - AS/NZS1716,  
Head Protection AS/NZS1801

Part no:

89 04 07 with 3M™ Adflo™ powered air respirator

89 14 07 with 3M™ Versaflo™ supplied air regulator V-500E



# 3M™ Welding Personal Safety Equipment



## 3M™ Disposable Welding Respiratory Protection

Disposable respirators are ideal for use under a welding helmet. They provide lightweight and comfortable respiratory protection. Disposable respirators provide a Required Minimum Protection Factor (RMPF) of 10.

This means that with the correct fit, the air you breath will be at least ten times cleaner than the air you'd otherwise be breathing.



### Premium Welding Comfort

This respirator sets the benchmark in disposable respirators for welder comfort. The valve reduces heat and moisture build up which provides a cool and more comfortable wear.

Part no:  
9959322      Box of 10 x 3M™ particulate respirators 9322 (P2)

P2 is the rating given to a respirator that meets AS/NZ1716 for filtering mechanically and thermally generated particles, eg., those from welding fume.



### Welding Odour Relief

Activated carbon layer provides welders protection against nuisance\* levels of organic vapours and odours.

Part no:  
9959542A      Box of 25 x 3M™ particulate respirators 9542A (P2)

P2 is the rating given to a respirator that meets AS/NZ1716 for filtering mechanically and thermally generated particles, eg., those from welding fume.

\*Nuisance levels are those levels below the Safe Work Australia Exposure Standards.

## Disposable Welding Hearing Protection



Part no:  
9953121201  
Regular uncorded,  
poly bag, 200 pairs/box  
  
SLC80 23dB (Class 4)

With its slow recovery foam, preferred cylindrical shape and proven in-ear comfort the 3M™ E-A-R™ Classic™ Earplug revolutionised hearing protection and comfort.

## Push-to-fit for Welders' Hands



Part no:  
9953212115  
Express earplug corded,  
pillow pack, 100 pairs/box  
  
SLC80 19dB (Class 3)

The unique pod design of 3M™ E-A-R™ Express™ Earplugs allows the foam to compress easily so the earplug slides gently into the ear. A flexible stem makes this plug perfect for gloved hands.

# 3M™ Welding Personal Safety Equipment



## 3M™ Reusable Welding Respiratory Protection

The reusable respirators below are ideal for use under the 3M™ Speedglas™ Welding Helmet Series 9100. They can provide protection against gases, vapours and particulates. These reusable respirators provide a Required Minimum

Protection Factor (RMPF) of 10. This simply means the air you breath will be at least ten times cleaner than the air you'd otherwise be breathing.



### Premium Welding Comfort

Soft silicone face seal for welder comfort and durability. Exhalation valve reduces breathing resistance and helps minimise heat build-up in the respirator. Filters not included.

- Part no:
- |         |   |
|---------|---|
| 9957501 | Small 3M™ half face respirator 7500 Series  |
| 9957502 | Medium 3M™ half face respirator 7500 Series |
| 9957503 | Large 3M™ half face respirator 7500 Series  |
| 9952128 | Pair of metal fume filters 2128             |



### Welding Respirator Starter Kit

Includes a medium 3M™ Half Face Respirator 7500 (as above), a pair of particle and metal fume filters, four 3M™ respirator cleaning wipes, a pair of 3M™ welder's earplugs, a respiratory protection guide and a handy storage container for dirty environments.

- Part no:
- |         |                                       |
|---------|---------------------------------------|
| 9957528 | 3M™ welding respirator kit 7528 (GP2) |
|---------|---------------------------------------|

GP2 protects against mechanically and thermally generated particles and nuisance level organic vapours.

### Washable & Reusable for Dirty Environments



- Part no:  
9953404004  
UltraFit earplug corded,  
poly bag, 100 pairs/box  
  
SLC80 18dB (Class 3)

Super comfortable 3M™ E-A-R™ UltraFit™ Earplugs can be cleaned with soap and water to be used again and again. Since there is no need to roll them down, they are perfect for clean and comfortable noise reduction.

### Earmuffs that Fit Under a Welding Helmet



- Part no:  
197012  
3M™ Welding earmuffs  
  
SLC80 22dB (Class 4)

The 3M™ Peltor™ H505B Welding Helmet Earmuff features a low-profile design that fits comfortably under most welding helmets, as well as a semi-soft cup surface that minimises scratch sound transmission.

# Still ahead of its time...

More than 35 years ago, we went to the shipyards of Sweden to study the welder's working environment. Soon after, Speedglas released the first auto-darkening welding helmet and with its exclusive technology has been the benchmark for welders' personal protection ever since.

## [www.speedglas.com.au](http://www.speedglas.com.au)

Access our latest news, learn more about welding safety and explore the complete product catalogue:

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