



**NEW**

**3M™ Speedglas™ Heavy Duty  
Welding Helmet G5-01**

**Upgrade your protection**



 **Speedglas™**  
Welding Safety

**W.E.S.S.**  
WELDING EQUIPMENT SALES & SERVICE

# Guided by welders, trusted by welders

Trust in a brand can't be built overnight. It takes years to become known and even longer to be trusted. Almost 40 years ago in 1981 the Speedglas brand released the first ever auto-darkening welding helmet and has consistently set the benchmark ever since.

While other products and brands have come and gone, the Speedglas brand, guided by welders, has continued to drive innovation and lead from the front.

The 3M™ Speedglas Welding Helmet Series 9100 and the 3M™ Adflo™ Powered Air Respirator have reached legendary status within the welding industry and our 5th product generation is set to change the game forever.

Speedglas is the brand of choice for professional welders and remains the world's leading brand of personal protective equipment for welders.





# Welding fume: understand the risks and how to protect yourself.

In March 2017, the International Agency for Research on Cancer (IARC) reclassified welding fume as 'carcinogenic to humans'.

'Welders present, on average, a 43% increased risk of lung cancer when compared with those who have never welded or been exposed to welding fume'<sup>1</sup>.

An unprotected welder operating within the Australian and New Zealand exposure standards for general welding fume (5 mg/m<sup>3</sup>) could inhale up to 11 grams of a known carcinogen per year.

Speedglas welding helmets with the Adflo powered air purifying respirator (PAPR) can provide air over 50 times cleaner than the air inhaled by an unprotected welder.

When compared to disposable and reusable half facemask respiratory protection, PAPRs provide superior respiratory protection and do not require fit-testing.

## I currently use a Speedglas powered air system.

Generation 5 has just been launched and as an existing Adflo PAPR user, upgrading has never been more simple.

Explore the upgrade options available to you.

**Start here: page 4**

## I am new to Speedglas powered air systems.

Every day, hundreds of thousands of welders rely on Speedglas welding helmet systems to keep themselves safe, improve productivity and perform at their best.

Explore the powered air range here.

**Start here: page 6**

I currently use a Speedglas powered air system.

# Farewell to compromises

## Upgrade Kit

As an existing 3M™ Adflo™ PAPR customer, the most economical way to upgrade to the new 3M™ Speedglas™ G5-01 Welding Helmet is by simply upgrading your head-top.

The Upgrade kit comes with the new 3M™ Speedglas™ Flip-Up Welding Helmet G5-01 and the new 3M™ Speedglas™ Welding Lens G5-01VC with True-View and Variable Colour.

Simply attach the helmet to your existing Adflo PAPR and you can benefit from all the features of the new Speedglas G5-01 welding helmet at a fraction of the price, including...

**Airflow Control,**  
**Larger Welding Lens,**  
**Larger Grinding Visor,**  
**more Streamlined Profile,**  
**TrueView in the light state,**  
**Variable Colour in the dark state,**  
**Bluetooth Connectivity**  
 with the option of  
**Configurable Extra Protection**  
**and Task Light.**



**NEW**

**Part Number: 611130**  
 G5-01 Helmet Upgrade Kit (helmet and lens only)  
 See page 6 for the complete helmet and system



Contact us for more information on the above features

# Not ready to upgrade your helmet? Upgrade your comfort instead.

Upgrade options for your Adflo PAPR

## 3M Back Pack



**Part Number: 954015**

For extra comfort, wear the Adflo™ PAPR on a backpack.

## Battery Upgrade Kit



Comes standard with the G5-01 welding helmet

**Part Number: 837631C**

Upgrade to a 40% lighter\* heavy duty battery. Upgrade kit includes charger.

Upgrade options for your welding helmet

## Welders' Hood



**Part Number: 169100**

Complete head, ear and throat protection suitable for use with all PAPR welding helmets.

## Harness Upgrade



Comes standard with the G5-01 welding helmet

**Part Number: 536211**

Larger cushion offers increased comfort. Suitable for use with the Speedglas 9100 series head harness.

\*When compared to the black NIMH Adflo PAPR battery.

## I am new to Speedglas powered air systems.

### Cleaner and more comfortable welding

With its slim profile, the award winning 3M™ Adflo™ respirator offers excellent lightweight, adaptable and mobile respiratory protection.

Constant, clean air flows directly into your breathing zone and with the right type of filter, the Adflo respirator effectively protects against a range of gases, vapours, and particles.

As one of the most popular PAPR systems in the world, Speedglas Welding Helmets with the Adflo Powered Air Purifying Respirator have become synonymous with welders' respiratory protection.



## 3M™ Speedglas™ Heavy-Duty Welding Helmet G5-01

### Heavy duty flip-up welding helmet

- Heavy duty flip-up grinding visor and welding helmet
- Largest ever Speedglas viewing area 73×109mm
- Extra-large 170×104mm clear grinding visor
- Speedglas True-View for crisp colour and contrast
- Variable Colour Technology in the dark state
- Lens reacts down to 1 amp
- Airflow Control within the welding helmet
- Removable flip-up component reduces weight by 35%
- Bluetooth® connectivity for up to 4 memory modes
- Optional helmet-mounted task light
- Configurable extra protection options
- Award-winning heavy-duty Adflo PAPR
- Compliant with all relevant AU & NZ standards

Heavy Duty Flip-Up Welding Helmet



**Part Number: 617830**  
3M™ Speedglas™ G5-01 Heavy Duty  
Welding Helmet with Adflo PAPR

## Fixed-Front with External Grind



**Part Number: 507726**  
 3M™ Speedglas™ 9100 Air  
 Welding Helmet with Adflo PAPR

## 3M™ Speedglas™ Welding Helmet 9100 Air

### Fixed front welding helmet

- External Grind and Set-and-Forget
- Extra-large 73×107mm viewing area
- Speedglas True-View for crisp colour and contrast
- Speedglas SideWindows for peripheral vision
- Lens reacts down to 1 amp
- Six point Speedglas 9100 comfort head harness
- Award-winning Adflo PAPR
- Compliant with all relevant Australian & NZ standards

## Flip-Up Clear Grinding Visor



**Part Number: 547726**  
 3M™ Speedglas™ 9100 FX Air  
 Welding Helmet with Adflo PAPR

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

### Flip-up welding helmet

- Flip-up grinding visor and welding helmet
- Extra-large 73×107mm viewing area
- Large 170×100mm clear grinding visor
- Speedglas True-View for crisp colour and contrast
- Speedglas SideWindows for peripheral vision
- Lens reacts down to 1 amp
- Six point Speedglas 9100 comfort head harness
- Award-winning Adflo PAPR
- Compliant with all relevant Australian & NZ standards

## Flip-Up with Safety Helmet



**Part Number: 577726**  
 3M™ Speedglas™ 9100 MP Air  
 Welding & Safety Helmet with Adflo PAPR

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

### Flip-up with integrated safety helmet

- Integrated welding and safety helmet
- Extra-large 73×107mm viewing area
- Large 170×100mm clear grinding visor
- Speedglas True-View for crisp colour and contrast
- Speedglas SideWindows for peripheral vision
- Lens reacts down to 1 amp
- Optional hearing protection
- Award-winning Adflo PAPR
- Compliant with all relevant Australian & NZ standards



# W.E.S.S.

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 **Speedglas™**

Welding Safety