

HEAD & FACE PROTECTION



Industrial Protective Products (WA)
Supporting Better Products



Head and Face - Protection



Head Protection

Whenever workers are exposed to injury from falling debris, swinging or moving objects, molten metal splash, live overhead wires, personal protective headwear for worker safety is essential. The Safety helmet is the central building block providing users with a face, head and hearing certified protection system if needed. It is designed to protect wearers from a number of hazards and can be complimented by a number of accessories. The helmet consists of a shell and a suspension system called a harness. The shell provides the impact protection by deflecting, whilst the harness absorbs the shock and load. The transmission of force is dissipated through the shell, harness by stretching and dissipating it down through the body to the ground. The six point harness provides the cushioning by stretching and channelling the load evenly over the protected area. The 25mm wide webbing maximises the surface area contact with the wearer's head and enhances stability/security of the helmet. The area between the shell and harness is the shock absorption zone and should not be treated as a storage location when worn.

AS/NZ 1800:1998

The standard above sets out the recommended practices for the selection, care and maintenance of personal protective headwear meeting the requirements of AS/NZ 1801.

AS/NZS 1801:1997

Safety caps and hats are divided into a number of Types defining the testing protocols the product is subjected to and hence defines its typical applications.



Type I Cap and Hats

Cap or hat is tested for impact protection in various conditions (-10°C , $+50^{\circ}\text{C}$ and wet, ambient) lateral protection from side compression and electrical resistance to 650 volts. These are the most commonly used caps and hats in industrial applications.

Type II Caps and Hats

These are subjected to the same test conditions as Type I, but have a higher elevated temperature of 120°C for impact test ensuring these are more suitable for high temperature applications such as foundries.

Type III Caps and Hats

These are subjected to the same test conditions as Type II with the addition of specific chinstrap

Head and Face - Protection



tests (for high strength or defined break), reflectivity of external stickers or marking and deformity testing to 200° C. These are typically used in bushfire or rescue applications.

What is the working life of a safety helmet?

One of the most common questions asked is, what is the working life of a helmet?

The answer to this question and indeed all information pertaining to selection, care and use is available in AS/NZS 1800:1998.

Based upon industrial field test this standard recommends that in general terms the helmet should be replaced every three years from date of issue, and the harness should be replaced every two years.

Harsh conditions and/or rough usage dictate that a helmet may be replaced sooner.

Every safety helmet has an issue date sticker on the inside of the shell for wearers to record their name and date of issue. Three years hence remove the helmet from use or earlier if the helmet has changed colour, exhibits any signs of wear or damage due to impact or deterioration as per (AS/NZS 1800:1998 3.1).



If the sticker has not been used or removed, replace the helmet three years from the manufacture date stamp under the brim or peak of the helmet or under the top of the helmet itself.

In the centre of the stamp is the year with a directional arrow pointing to the month of the year in which the helmet was made.

STORAGE

Where the safety helmet is stored can adversely affect

the aging of the material, particularly extended exposure to heat and sunlight. It is recommended that safety helmets be stored in a bag or locker, rather in location's that could affect the life of the helmet.

DAMAGE

It is practice to inspect the safety helmet before each use for fading, wearing, cracks and abnormal wear and tear. Damage can also be caused by the use of solvent based paints or markers, some cleaning products and stickers. Manufacturers recommend the use of approved adhesives only that will not affect the properties of the shell of the helmet. Quality reflective tapes, logos and names can be applied during manufacture.

RISK ASSESSMENT

The need to wear head protection should be established by conducting a risk assessment. Elimination or control of a hazard should be given first consideration.

Key factors:

- The nature and location of the work
- Potential of falling objects and/or contact with electrical hazards
- Contact with fixed or protruding objects.
- Exposure to heat, sun, wind, rain and chemicals
- Specialist fire & emergency rescue situations.

Risk assessment should include the comfort level of selected PPE and the impact of any required accessories.

The comfort of workers exposed to high temperatures/heat whilst wearing safety helmets is a consideration. Safety helmet ventilation can assist in the relief of worker fatigue & discomfort. White safety helmets will provide better heat reflection.

DISPOSAL

Most components of this assemble can be recycled. Recycle symbols are present on both the shell and harness assemblies. If the product is to be disposed of, it should be dissembled and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.



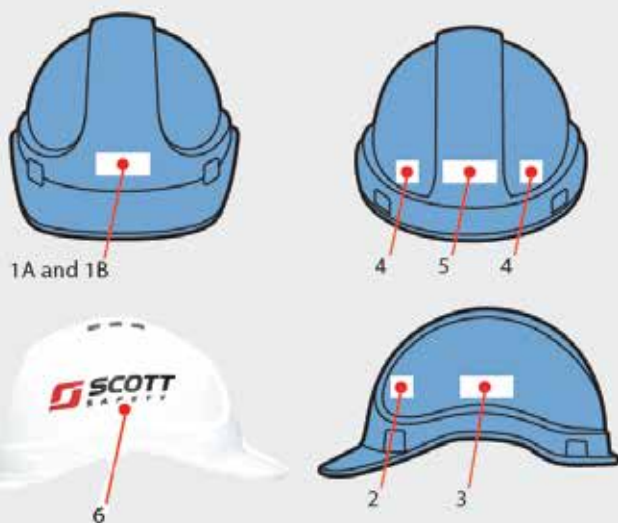
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SAFETY HELMET LOGO PRINTING OPTIONS

UniSafe head protection products have been designed to allow customisation with company logos and images. This process allows for UniSafe safety helmets to be branded with a logo on orders as few as 20 units. There are a number of logo printing positions and colours available including the new larger logo and pad printing designs on the side of your UniSafe safety helmets.



UniSafe Safety Helmets

Logo Printing Options

Position	←→	↑↓
1A	60mm	30mm
1B	55mm	55mm
2	50mm	50mm
3	50mm	50mm
4	50mm	50mm
5	60mm	30mm
6	115mm	40mm

A & B denotes alternate printing size options.

SAFETY HELMET REFLECTIVE TAPE OPTIONS

The UniSafe range of safety helmets have been designed to allow customisation with reflective tape options on as few as 20 units. The reflective tapes are available in three different styles for visibility in extreme environments. The UniSafe reflective tape options below are all certified to AS/NZS 1801:3.2.5.



Suits TA500 series helmets

High performance silver retroreflective tape 25mm. Increased wearer visibility in areas where moving vehicles and headlights are present. Performance: 85 CIL when measured at an observation distance of 4°. Tape performs up to and exceeding 120°C.



Suits TA400 and TA500 series helmets

Very high performance prismatic silver tape, 25mm. Designed for visibility regardless of the angle. Performance: 700 CIL when measured at an observation angle of 2° and an entrance angle of 4°. 10 x standard glass bead reflective materials. Tape performs up to and exceeding 120°C.



Suits TA400 and TA500 series helmets

For extreme environments such as forestry. Available in 3 colours: white, yellow, red. Tape performs up to and exceeding 120°C.

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Cleaning and care of your Unisafe safety helmets

To keep in good condition The helmet should be kept in good condition and cleaned regularly using warm water and a household detergent. Worn or damaged headgear parts should be replaced immediately and damaged shells (splits, cracks or excessive discolouration or weathering of the shell surface) should be discarded.

The use of solvents or harsh cleaning agents to clean the helmet is not recommended as these can cause non visual damage and weaken the shell and harness materials.

At the time of issue to the wearer, the helmet should be marked with the issue date. Field tests have shown that generally, helmet shells have a life of at least three years from the time of issue. We recommend that helmets that are used regularly, should be replaced or re-tested after three years of use, with the harness being replaced every 18 - 24 months.

Avoid the practices of:

- Using the helmet for other than its design purpose - seats, wheel chocks etc.
- Excessive use of chemicals such as repellents, strong cleaning agents etc.
- Wearer alteration eg: engraving of names, painting, fitting penholders/cigarette lighters etc.
- Not cleaning the helmet of built up dirt, grease etc following use or at least weekly.
- Poor storage and unnecessary exposure to the weather and solar radiation - leaving outside when not in use or storage in the back of an open van.

For more details refer to the Australian AS/NZS 1800





Head and Face - Protection Safety Helmets



UniSafe TA400 Wide Brim Safety Helmet ABS

HP SCO TA400 - Full Brim Six Point Suspension Safety Helmet

HP SCO TA400L - Full Brim Six Point Suspension Safety Helmet with Lamp Bracket & Clip for use with Cap Lamps

Australian made UniSafe TA400 wide brim ABS safety helmet. The 50mm wide brim gives added protection from sun, rain or chemical control. The ABS Type 1 TA400 Safety Helmet is ideal for general industrial, construction and mining. The helmet design incorporates multiple branding and reflective tape option positions. • Replaceable terry towelling sweatband.

- Australian made.
- ABS Plastic - Type 1.
- Comfortable 6 point terylene harness.
- Adjustable headband.
- Available also as polycarbonate Type 2 high heat (HP SCO TA440).
- Certified to AS/NZS 1801:1997.

Colour Options: White(WH), Red(RD), Green(GN), Orange(OR) or Yellow(YE)



UniSafe UniLite TA560 Safety Helmet ABS

HP SCO TA560 - Front Peak Six Point Suspension Safety Helmet

HP SCO TA560L - Front Peak Six Point Suspension Safety Helmet with Lamp Bracket & Clip for use with Cap Lamps

HP SCO TA560M - Front Peak Six Point Suspension Safety Helmet with Lamp Bracket & Clip for use with Cap Lamps

Australian made UniSafe Type 1 ABS Plastic Safety Helmets are ideal for general industrial, construction and mining. The helmet design incorporates multiple branding and reflective tape option positions. Available in 10 colours

- Lightweight.
- Comfortable 6 point terylene harness.
- Adjustable headband.
- Replaceable terry towelling sweatband.
- 25mm moulded slots accept all UniSafe safety helmet accessories (visors, earmuffs).
- ABS Plastic - Type 1.
- Certified to AS/NZS 1801:1997.
- Colour Options: White(WH), Yellow(YE), Blue(BL), Fluoro Orange(FLOR), Fluoro Yellow(FLYE), Green(GN), Orange(OR), Red(RD), Watermelon(WA), Grey(GY)



UniSafe UniLite TA570 Vented Safety Helmet ABS

HP SCO TA570 - Front Peak Six Point Suspension Safety Helmet

HP SCO TA570L - Front Peak Six Point Suspension Safety Helmet with polycarbonate Lamp Bracket & Clip for use with Cap Lamps

HP SCO TA570M Front Peak Six Point Suspension Safety Helmet with Metal Lamp Bracket & Clip for use with Cap Lamps

Australian made UniSafe Type 1 ABS Plastic Vented Safety Helmets are ideal for general industrial, construction and mining. The unique crown cooling vents give added comfort during hot humid conditions. The helmet design incorporates multiple branding and reflective tape option positions. Available in 10 colours

- Unique crown cooling vents for outdoor/indoor use.
- Comfortable 6 point terylene harness.
- Adjustable headband.
- Replaceable terry towelling sweatband.
- 25mm moulded slots accept all UniSafe safety helmet accessories (visors, earmuffs).
- ABS Plastic - Type 1.
- Certified to AS/NZS 1801:1997.
- Colour Options: White(WH), Yellow(YE), Blue(BL), Fluoro Orange(FLOR), Fluoro Yellow(FLYE), Green(GN), Orange(OR), Red(RD), Watermelon(WA), Grey(GY)

Head and Face - Protection Safety Helmets



UniSafe UniLite TA580 Safety Helmet Polycarbonate (Heat)

HP SCO TA580 - Front Peak Six Point Suspension Safety Helmet

HP SCO TA590L - Front Peak Six Point Suspension Safety Helmet with polycarbonate Lamp Bracket & Clip for use with Cap Lamps

Australian made UniSafe Type 2 Polycarbonate Safety Helmets are ideal for smelting, welding and high temperature areas. The helmet design incorporates multiple branding and reflective tape option positions. Available in white or yellow and fluoro yellow

- Comfortable 6 point terylene harness.
- Adjustable headband.
- Replaceable terry towelling sweatband.
- 25mm moulded slots accept all UniSafe safety helmet accessories (visors, earmuffs).
- Polycarbonate - Type 2 for high temperatures.
- Certified to AS/NZS 1801:1997.
- Colour Options: White(WH), Yellow(YE) & Fluoro Lime (FLLM)
- Colour Options: White(WH), Yellow(YE), Fluoro Yellow(FLYE),



UniSafe UniLite TA590 Vented Safety Helmet Polycarbonate (Heat)

HP SCO TA590 - Front Peak Six Point Suspension Safety Helmet

HP SCO TA590L - Front Peak Six Point Suspension Safety Helmet with polycarbonate Lamp Bracket & Clip for use with Cap Lamps

Australian made UniSafe Type 2 Polycarbonate vented Safety Helmets are ideal for smelting, welding and high temperature areas. The unique crown cooling vents give added comfort during hot humid conditions. The helmet design incorporates multiple branding and reflective tape option positions. Available in white, yellow or fluoro yellow

- Comfortable 6 point terylene harness.
- Adjustable headband.
- Replaceable terry towelling sweatband.
- Unique crown cooling vents for outdoor/indoor use.
- 25mm moulded slots accept all UniSafe safety helmet accessories (visors, earmuffs).
- Polycarbonate - Type 2 for high temperatures.
- Certified to AS/NZS 1801:1997.
- Colour Options: White(WH), Yellow(YE) & Fluoro Lime (FLLM)



MSA V-Gard Advance 500 Safety Cap

HP MSA 229710WH6V - Safety Cap vented

HP MSA 764442WH6V - Safety Cap vented plastic miners bracket

HP MSA 762458WH4 - Safety Cap Hi temp poly carb unvented

The V-Gard 500 has genuine integrated 6 point suspension system. Lightweight design provides comfort over long periods. This style offers better ear muff fit and rain protection. Glaregard textured surface under the peak reduces eye strain from glare. Venting in the top of the cap promotes air flow and gives a cooling effect for the wearer

- Earmuff and visor attachment slots
- Rain protection gutter
- Rain protection gutter
- Safety Cap vented: colours White, Yellow, Green, Red, Orange, Blue
- Safety Cap vented plastic miners bracket: colours White, Yellow, Grey
- Safety Cap Hi temp poly carb unvented: colours White, Yellow



MSA V-Gard Glow Safety Cap Non Vented

HP MSA 767600WHF

Injection molded MSA V-Gard cap with Glow polymer to provide luminescence in a dark environment. Charges in 5 to 15 minutes under any light or heat source and can offer soft visible light for as much as several hours. Totally safe and certified to AS/NZS 1801. Suitable for mining, night road works and other night and limited light applications. Has a 6 point Fas-Trac suspension and is compatible with MSA's range of hard hat accessories including the new v-gard accessory system.

Order Information

Call 08 93306355



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Head and Face - Protection Safety Helmets



Honeywell Clearview Safety Helmet

HP HON HSTHHSM - Tinted seethru Helmet

HP HON HSTHHRD - Red seethru Helmet

HP HON HSTHHOR - Orange seethru Helmet

HP HON HSTHHGR - Green seethru Helmet

HP HON HSTHHYE - Yellow seethru Helmet

HP HON HSTHHBL - Blue seethru Helmet

The Honeywell SEETHRU hard hat range is the next generation in hard hats, featuring a completely translucent design. The see through peak allows the wearer to look upwards without the need to tilt the head back, causing discomfort in the neck over a prolonged period of time. This also stops the need for the wearer to reverse the head harness in the helmet which normally allows the wearer to have clearer vision while looking upwards. Available as a vented model this new hard hat fits all head sizes 50cm to 66cm.

Strong PC shell

Weight 386g

UV400 stabilized and is suitable for indoor or outdoor use.

Adapts to most general 25mm, 30mm and all Honeywell attachments.

Adjustable 6 point webbed harness

Pin Lock adjustment for all day comfort

Logos can be printed in 8 different positions, front, either side, top or the back in up to 4 colours.

Made in Australia

CERTIFICATION

Certified to AS/NZS 1801:1997.



Peltor™ Uvicator™ Sensor

The disc indicates when it's time to replace your helmet.



3M™ Peltor™ G2000 Safety Helmet

HP 3M G2000CUV-WH - Safety Helmet Assembly Uvicator White

HP 3M G2000CUV-GU - Safety Helmet Assembly Uvicator Yellow

HP 3M G2000CUV-OR - Safety Helmet Assembly Uvicator Orange

HP 3M G2000CUV-RD - Safety Helmet Assembly Uvicator Red

HP 3M G2000CUV-BL - Safety Helmet Assembly Uvicator Blue

Attractive design and excellent protection is the best way to summarise the Peltor G2000 helmet. The helmet goes well beyond the requirements for formal testing and is comfortable with its low back and relatively low profile.

It was designed to accommodate additional accessories, visor and hearing protection.

Peltor™ Uvicator™ Sensor The disc indicates when it's time to replace your helmet.

Comfort and good ventilation are a must particularly in warm environments. The G2000 allows free airflow between the helmet and its harness. Combined with ventilation inlet in the top of the helmet, this helps to increase wearer acceptance.

Optional space for customised print - A flat surface for printing a logotype or brand name.

Attachment point for accessories - An adjustable snap attachment in the balance point of the helmet to allow simple attachment of accessories, such as muffs, headsets and visors

Optimal profile for ear muffs - The G2000 features a special profile design to enable helmet mounted ear muffs to achieve optimal fit and maximum adjustability for individual needs.

Neck protection - Extended edge on the back of the helmet provides extra protection for the sensitive neck area.

Fully compliant with AS/NZS 1801

Material: UV-stabilised ABS.

Colours: Yellow, white, orange, red, blue and green

Weight: 340 g

Size: 54-62 cm

Head and Face - Protection Safety Helmets



AUSTRALIAN FIRST NEW

KASK HP PLUS SAFETY HELMET

FULLY APPROVED TO AS/NZS 1801

HP FE VKA WHE 20.201 - White Helmet Vented

HP FE VKA RED 20.201 - Red Vented Helmet

HP FE VKA ORA 20.201 - Orange Vented Helmet

KASK HP Plus Helmet breaks new ground and is the first Rescue Rope Styled Helmet with Australian Standard Approval as Industrial Safety Helmets AS/NZS 1801. No Peak which means the KASK HP PLUS is perfect for Linesman, Emergency Response, Rope Access & Arborists. A unique quick Dial adjustable harness for perfect fit, Chin strap to secure the helmet with vents to keep you cool. The KASK HP Plus breaks new ground and is the new generation in Safety Helmets in Australia.

Specifically designed for emergency rescue and rope access technicians, arborist and specialists working at height. Lightweight, comfortable, compact, feature-rich helmet with multi-direction adjustments for best fit, user comfort and safety. 10 air intake valves to deflect debris/water. Internal channels for best ventilation, keeping the head cool. Moisture wicking, removable, washable internal padding. Polygiene® technology inhibits bacteria growth.

SIZE ADJUSTABILITY

51 cm to 62 cm - quick dial system

CERTIFICATION

Certified to AS/NZS 1801:1997.



Skylotec Skycrown Rescue Helmet

HP SK BE-016

Premium, stylish, vented rescue & rope access helmet. Features ratchet style adjustment on the inner head harness & a fixed adjustable chin strap.

Available in colours of white, red, blue, black & matt black. Certified to EN 397.



MSA F2 Xtreme Rescue Helmet

HP MSA 765938

MSA's F2 Xtreme Helmet responds to all extreme applications. The Quick Click head size adjustment reinforces the ease and functionality of the helmet, without compromising comfort. The F2 Xtreme is made from engineered hi-temp polycarb, which provides greater balance and a lower centre of gravity. The F2 Xtreme is lightweight for more comfort and is effective in action, responding to customer needs under the most extreme and dangerous conditions when exposed to fire.

- 3 position sizing headband that creates better comfort and balance.
- Leather sweatband provides better breathability, absorbs perspiration.
- Additional adjustable suspension netting provides better comfort, breathability and balance.
- 6 chinstrap adjustments, positioned ergonomically for greater balance and comfort.
- Quick Click head size adjustment that is glove friendly.
- Colours - Fluoro Orange, Photo luminescent, Red, White, Yellow



MSA Gallet Lamp Xp Led

HP MSA 766077

The new lamp XP LED - Light Emitting Diode - not only uses the advantages of LED technology but also provides a long beam [RECOIL]. It is designed for a 32 h burning time with 4 batteries. It provides 32 lumens with a 1 watt LED.

Offers two layers of flame retardant fabric for extra warmth. Plus, liners in this category offer quilted ear flaps so that cap mounted ear muffs can be used without compromising hearing protection levels. Water repellent.



Industrial Protective Products (WA)
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Head and Face - Protection Safety Helmets & Bump Caps



MSA Bushfire Helmets

HP MSA 764467WH - VGard 500
Cap Style 4.10 High strength retaining
Chinstrap

HP MSA 764468WH - VGard 500
Cap Style 4.11 Specified breakpoint
Chinstrap

HP MSA 764465WH - VGard Hat
4.10 High strength retaining Chinstrap

HP MSA 229068 - Neck Flap
(Advance Style Only)

- Australian made for Australian conditions
- Approved to AS/NZS1801: Type III
- Hi-Temp shells
- High strength or specified break chinstrap options



MSA Gallet Structural Fire Helmet F1FS

HP MSA 766562

Based on the original F1 helmet, the F1 SF is especially designed for Structural Firefighting [SF] for firefighters world-wide. The F1 SF features built-in interfaces on both sides to become a flexible head protection platform for different types of accessories. Its mask adapter KitFix can be easily adjusted for perfect mask attachment and optimal wearing comfort. What's more, the F1 SF is designed with a ratchet cradle [quick adjustment on the head] and a new 3-point fireproof, adjustable chinstrap providing increased comfort and stability.

- Colours - Black, Blue, Lime Green, Orange, Photoluminescence, Red, White, Yellow



MSA Cairns 660CAS Structural Fire Helmet

HP MSA 762962

- High temperature foam liner with patented breakaway system
- Nomex ear/neckflap - Nomex quick release chinstrap
- Standard 4" or optional 6" visor
- 3-Position Rear Ratchet Height Adjustment Ensures a secure and comfortable fit for all head sizes (52cm - 64cm).
- Adjustable Front Headband Allows perfect fit between helmet and SCBA mask without lifting helmet or exposing forehead.
- Patented Shock-Absorbing Tube Maximises impact protection.
- Non-corroding, high-temperature-resistant faceshield hardware.
- Rugged, high-temperature edge will not melt or drip.
- Durable helmet hanger fits on large hooks and resists bending.
- Minimal parts for lower service cost and easier maintenance.
- Approved to AS/NZS4067.
- Colours - White, Lime Yellow, Red, Orange



Uvex Bump cap short

HP UV 9794-311 - U-style short brim
anthracite grey

HP UV 9794-310 - U-style long brim
anthracite grey

HP UV 9794-800 - Hi-Viz long brim
yellow

HP UV 9794-900 - Hi-Viz long brim
orange

HP UV 9794-100 - Sweat band
anthracite grey

- ultra comfortable lining for maximum comfort
- sophisticated 4-layer design
- flexible inner shell
- adjustable to fit multiple head sizes
- low cut plastic shell provides extra protection for back of the head
- replacement sweatband available



Head and Face - Protection Helmet Accessories



**Cotton Brim C/W Flap White
For Safety Cap**

HP YS CB/FW

- 100% Cotton
- 8cm wide trim with neck flap
- Green anti-glare underside
- Fits most hard hats



**Face and Neck Warmer for
Safety Cap**

HP IP WARMER

- Compatible with all safety Helmets
- Velcro attachment provides easy fitting to the safety helmet
- Providing head warmth in cold working conditions Smooth felt Liner on inside for wearer comfort
- Machine washable
- Providing head warmth in cold working conditions ie - construction, forestry, cold storage and plant operations



**Face & Neck Balaclava For
Safety Cap**

HP IP COLDIE - Natural Fibre

Accessory for your safety helmet. Fits all makes and models. Conforms with Australian standards so can be worn with your Safety helmet. Made of 100% cootn liner headtop, with detachable face and neck flap that is 100% wool with button up front. Safe for hot work or electrical use



Allegro Snap Brim

PC AL 3001-01

Made of UV stabilized plastic, (80mm brim width), Will not flop or fold in the wet or when stored, More consistent sun protection than fabric brims, Will fit most safety helmets on the market (incl. MSA Coolguard & HC600), Detachable neck flap, (200mm drop)



**Replacement Harnesses for
Unsafe Safety Caps**

HP SCO TA597 - Pinlock headgear for TA500 Series safety helmets

HP SCO TA598 - Ratchet headgear for TA500 Series safety helmets

HP SCO TA497 - Pinlock headgear for TA400 Series safety helmets

HP SCO TA498 - Ratchet headgear for TA400 Series safety helmets

Safety Cap Accessories

HP IP HXTTSB - Terry Towelling replaceable sweatband to suit all Unisafe safety helmets and browguards.

HP IP HXSBW - Lambswool replaceable sweatband to suit all Unisafe safety helmets and browguards

HP IP SWBSPTT - Terry Towelling replaceable sweatband to suit all brands of safety helmets and browguards with Velcro.

HP IP HXCS40 - Elasticated chinstrap to suit all brands of safety helmets. Keeps helmet in place in active situations.

Over Head Mosquito Net

HP YS MOS-NET

- Designed in Australia for Australian conditions
- Can be worn with broadbrim hats, peak caps or hard hats
- Toggle adjustment ease of fit
- Extra long Easy View™ fly net blocks over 40% of solar ultraviolet radiation
- Soft, lightweight, cool and comfortable to wear
- Can be worn with ear muffs
- Ideal workplace protection from flies, mosquitos, bees and wasps

Order Information



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Industrial Protective Products (WA)
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Head and Face - Protection Headair

Headair Cooling Equipment

HEADAIR

ambient air flow systems



HEADAIR - KEEPING A COOL HEAD

Head and Face - Protection

Headair



HEADAIR

ambient air flow systems

**Hot heads don't make cool working conditions.
But HeadAir can help overcome this
Using its active cooling system for Hard Hats.**

Heat stress is a significant Workplace Hazard. In the Australian market it has been a major concern for Employers for more than 10 years. The serious medical consequences that can occur from heat stress as well as the effect on employee safety and productivity are significantly documented today.

Research recognizes that the effective thermoregulation of the human body achieved by evaporation is significantly hindered with the use of Hardhats, which restrict air movement and circulation thus increasing the thermal load on the body. Research shows that around 30% of a person's body heat are attributed to the head, meaning Hardhats are a significant and a significant contributor to heat stress. But they are mandatory on all sites.

HeadAir is a Lithium Powered Fan That channels air into the cavity space of a hard hat. A Computer chip embedded in the device can control the unit to be continuous flow or intermittent. This movement of air removes the trapped stagnant air in the hard hat and creates a flow effect, which allows the body to cool itself naturally through evaporative cooling.

HeadAir is lightweight, compatible with most hard hats, User friendly and can provide 10% cooler temperature inside the helmet from the outside environment. HeadAir has proven to lesson the risks associated with Heat Stress (the major cause for employees becoming uncomfortable, poor decision making, compromising their safety and reducing productivity) now recognised as a significant workers compensation issue.

Key Features



- Up to 8°F cooler under the hood
- Strategically placed air vents reduces fogging of eyewear
- Constant air movement reduces stagnant air
- Lightweight design extends wearability
- Oversized, conveniently located button
- Removable air tube provides air direction towards the head
- Lightweight Lithium Polymer rechargeable battery delivers maximum battery life, 4-5 hours continuous running
- Pulse mode design provides different operational function
- Slim, balanced design compatible with most safety helmets and hats





Head and Face - Protection Browguards & Visors

Face Protection

Faceshields are versatile eye and face protection devices and are used to protect from flying particles, chemical and molten splashes, liquids, radiant heat and glare.

Ensure before commencing work that the risks are identified and risks are assessed. The incorrect selection of Faceshields and visors can have serious consequences. You should consider the velocity, size and nature of the hazard when selecting the correct protection.

Suitable coverage is also more important as velocity increases and liquid splash becomes involved.

Faceshields and visors are covered in the Standards AS/NZ 1336, 1337 and 1338.

Markings on Faceshields

Markings on eye/face protectors are a requirement for certification. It assists users in identifying their intended use. They are identified by the following:

Standard	Symbol	Explanations
AS/NZS 1337:1992	I	For medium Impact protection
AS/NZS 1337:1992	V	For high Impact protection
AS/NZS 1337:1992	A	For very high Impact protection
AS/NZS 1337:1992	M	For molten metal resistance
AS/NZS 1337:1992	C	For splash resistance
AS/NZS 1337:1992	O	For outdoor tinted

Filter Lenses

(Green shade 2 or 5)

These filter lenses are intended for welder assistant use and provide limited protection against ultraviolet, Infrared and visible radiation. Not suitable for electrical welding.

Impact protection

Impact protection is determined by the metres per second in which a projectile travels. A special test rig fires a 6.35mm ball at either 12m, 40m, 120m or 190m per second.

Standard Rating	Impact Protection	Situations
AS/NZS 1337.1:2010	Low Impact 12m/sec	Hammering, handling wire, brick chipping by hand
AS/NZS 1337.1:2010	Medium Impact 40m/sec	Grinding, machining metals, woodworking
AS/NZS 1337.1:2010	High Impact 120m/sec	Concrete cutting, high speed disc grinding, metal Cutting
AS/NZS 1337.1:2010	Very High Impact 190m/sec	Concrete cutting, high speed disc grinding, metal Cutting

All the above testing ensures your eye/face protector will perform as it is designed to do.

Australian/New Zealand Standards AS/NZS 1337 is an excellent reference document and provides assistance for selecting appropriate eye protection.

Head and Face - Protection Browguards & Visors



UniSafe Browguard with Chinguard

HP SCO VC107 - Browguard with blue chinguard complete

HP SCO VV518 - Replacement Clear Polycarbonate Visor/Blue Chinguard (175mm x 400mm)

HP SCO VV518:5 - Shade 5 Polycarbonate Visor/Blue Chinguard (175mm x 400mm)

Faceshields are used in many industries to protect operators against flying particles, liquid, chemical and molten splashes, radiated heat and glare. The UniSafe Australian made VC107 browguard/ polycarbonate visor/blue chinguard combination kits offer high impact (V) protection and resistance to waterbased liquids eg. biological, acids and weak solvents. The wide flare polycarbonate visor and chinguard combination provides extra neck & face protection to the wearer.

- High impact gloss browguard.
- Chinguard for extra neck & face protection.
- Ratchet adjustable headband.
- Friction pivoting system for lifting & lowering.
- 1mm Wide flare polycarbonate visor with blue chinguard - 175mm x 400mm.
- Polycarbonate Clear or Shade 5 visors available.
- Utilise with UniSafe PPE as an "approved combination" under AS/NZS standards.
- Certified to AS/NZS 1337.1:2010 High Impact (V).



UniSafe Browguard

HP SCO VV997 - Browguard with Ratchet headgear

HP SCO VC105 - Browguard/Faceshield Complete (with VV848 PC High Impact (V) visor)

HP SCO VC106 - Browguard/Faceshield Complete (with VV925 PC High Impact (V) Flared visor)

HP SCO WA182 - Replacement Ratchet Harness

Faceshields are used in many industries to protect operators against flying particles, liquid, chemical and molten splashes, radiated heat and glare. The UniSafe Australian made VC105 browguard / polycarbonate visor combination kit offers high impact (V) protection and resistance to waterbased liquids eg. biological, acids and weak solvents.

- Lightweight injection moulded with high impact nylon shell.
- Fits all UniSafe range of visors (see visor selection chart).
- Terry towel sweatband absorber (replaceable).
- Australian made.
- Certified to AS/NZS 1337.1:2010 High Impact (V).



UniSafe Visor Holder

HP SCO VH500 - Visor holder

HP SCO VH500P - Peaked Visor holder

HP SACO 2010892 - Visor Holder Cap Attachment Arms for UniSafe TA500 Series Safety Helmets

Australian made UniSafe Visor holders are used with the UniSafe range of visors and UniSafe TA500 Series Safety Helmets. The nylon visor holders are suitable for high temperature work areas and available in peaked (VH500P) or non-peaked (VH500) versions.

- Nylon composition for high temperatures and impact.
- Convenient one hand operation.
- 3 position ratchet system for easy lift up and lowering.
- Close fitting to all UniSafe TA500 series safety helmets.
- Supplied with cap attached posts for quick fitting and secure attachment.
- Peaked and unpeaked options.
- Approved in combination with UniSafe safety helmets, visors and earmuffs.
- Chemical & liquid splash resistant.
- Full range of UniSafe visors (see visor selection chart).
- Certified to AS/NZS 1337.1:2010.



Industrial Protective Products (WA)
Supporting Better Products



Head and Face - Protection Visors



UniSafe Visors and Accessories

Faceshields are used in many industries to protect operators against flying particles, liquid, chemical and molten splashes, radiated heat and glare. UniSafe have a range of visors that are manufactured from Polycarbonate (0.76mm Medium Impact (I) or 1mm high impact (V) and heat protection) and Thermotuff+ (high heat, high impact (V) and chemical protection). Visors can be fitted to the HP SCO VV997 browguard, which is fitted with a ratchet adjustable headband for wearer comfort or cap attachable visor holders including the HP SCO VV765 aluminum visor holder, HP SCO VH500 nylon cap attached visor holder or the HP SCO VH500P (peaked). HP SCO VH500 series visor holders can be used with UniSafe HE SCO RB44CA, HE SCO RB302 and ZONE NG range of cap attachable earmuffs.

- Australian Made.
- Certified to AS/NZS 1337.1:2010 (1mm Polycarbonate & Thermotuff+ Visors).

Unbound Polycarbonate Visors

HP SCO VV720 - 0.76mm Polycarbonate 200mm x 385mm - (I)

HP SCO VV730 - 1mm Polycarbonate 200mm x 385mm - (V)

The Australian made UniSafe Non-Bound Half Circle visors are available in Polycarbonate 0.76mm Medium Impact (I) or 1mm High Impact (V) thickness. Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Clear 1Mm Polycarbonate Visors

HP SCO VV848 - 1mm Polycarbonate 200mm x 300mm (V)

HP SCO VV854 - 1mm Polycarbonate 200mm x 400mm - Flared (V)

HP SCO VV924 - 1mm Polycarbonate 250mm x 300mm (V)

HP SCO VV925 - 1mm Polycarbonate 250mm x 400mm - Flared (V)

The Australian made UniSafe 1mm Polycarbonate visors provide high impact (V) resistance to high heat and a wide range of chemicals. Available in flared or non-flared styles. Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Clear Thermotuff+ Visors

HP SCO VV875 - 1mm Thermotuff+ 200mm x 300mm (V)

HP SCO VV876 - 1mm Thermotuff+ 200mm x 400mm - Flared (V)

HP SCO VV881 - 1mm Thermotuff+ 250mm x 300mm (V)

HP SCO VV882 - 1mm Thermotuff+ 250mm x 400mm - Flared (V)

The Australian made UniSafe Thermotuff+ visors provide high impact (V) protection, resistance to high heat and a wide range of harsh chemicals. Available in flared or non-flared styles. Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Head and Face - Protection Visors



Clear 0.76mm Polycarbonate Visors

HP SCO VV931 - 0.76 Polycarbonate 200mm x 300mm (I)

HP SCO VV932 - 0.76 Polycarbonate 200mm x 400mm - Flared (I)

The Australian made UniSafe 0.76mm Polycarbonate visors provide medium impact (I) resistance to high heat and a wide range of chemicals. Available in flared or non-flared styles. Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Shade 5 Visors

HP SCO VV901 - 1mm Thermotuff+ Visor 200mm x 300mm (V)

HP SCO VV902 - 1mm Thermotuff+ Visor 200mm x 400mm - Flared (V)

HP SCO VV903 - 1mm Thermotuff+ Visor 250mm x 300mm (V)

HP SCO VV904 - 1mm Thermotuff+ Visor 250mm x 400mm - Flared (V)

HP SCO VV926 - 1mm Polycarbonate Visor 250mm x 400mm - Flared (V)

HP SCO VV927 - 5 1mm Polycarbonate Visor 200mm x 400mm - Flared (V)

UniSafe shaded range of visors come in a Shade 2 or Shade 5, 1mm Polycarbonate or Thermotuff+ High Impact (V) resistant options and are designed for use in high heat environments, where glare and low levels of light radiation are present. Available in flared or non-flared styles. Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Chinguard Visors

HP SCO VV501 - 1mm Polycarbonate Clear 230mm x 400mm (V)

HP SCO VV511 - 1mm Thermotuff+ Clear 230mm x 400mm (V)

HP SCO VV801 - 1mm Thermotuff+ Shade 2 230mm x 400mm (V)

HP SCO VV515 - 1mm Thermotuff+ Shade 5 230mm x 400mm (V)

HP SCO VV520 - 1mm Polycarbonate Clear 175mm x 400mm (V)

HP SCO VV521 - 1.5mm Polycarbonate Clear 225mm x 400mm (V)

HP SCO VV517 - 1mm Thermotuff+ Clear 175mm x 400mm (V)

HP SCO VV516 - 1mm Polycarbonate Clear 175mm x 400mm (V)

The Australian made UniSafe 1mm or 1.5mm Polycarbonate visors provide high impact (V) protection, resistance to high heat and a wide range of chemicals. The Australian made UniSafe Thermotuff+ visors also provide high impact (V) protection and resistance to high heat and a wide range of harsh chemicals. UniSafe chinguard visors provide extra protection to neck and face from impact, heat and chemical splash. Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Shade 2 Thermotuff+ Visors

HP SCO VV824 - 1mm Thermotuff+ Shade 2 250mm x 400mm - Flared (V)

HP SCO VV822 - 1mm Thermotuff+ Shade 2 200mm x 400mm - Flared (V)

UniSafe shaded range of visors come in a Shade 2 and Shade 5 and are designed for use in high heat environments, where glare and low levels of light radiation are present. Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Gold Plated Visors

HP SCO VV502 - 1mm Polycarbonate Gold 230mm x 400mm (V)

Gold plated 1mm polycarbonate high impact (V) visors are used for protection against impact, liquid splash and molten metal splash. Will resist high levels of radiant heat by reflecting heat away and reducing the surface temperature of the material. Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Mesh Visors

HP SCO VV602M - Brass Mesh Visor - 200mm x 300mm

HP SCO VM820 - Metal Mesh Visor - 150mm x 385mm

HP SCO VHELNM - Nylon Mesh Visor 185mm x 360mm

HP SCO VHELSM - Coated Steel Mesh Visor 185mm x 360mm

HP SCO VHELSSM - Stainless Steel Mesh Visor 185mm x 360mm (Hex light transmission)

Low impact, Available in metal, nylon, steel mesh or stainless etched steel.

Metal mesh visors are generally used for protection against heat; visor absorbs the heat, allowing the user to work in comfort. Additional eye protection should be worn beneath the visor.

Nylon mesh is generally used for protection against large dust particles and abrasion. Nylon mesh range is suitable for vegetation cutting and trimming, where the main hazard is large pieces of solid material and constant abrasion.

Fits UniSafe browguard VV997 or VH500, VH500P & VV765/VV766 Visor Holders.

Order Information



Call 08 93306355



Industrial Protective Products (WA)
Supporting Better Products



Head and Face - Protection Faceshields



Bolle Sphere

HP BOL 1652501 - Bolle Sphere Complete Face Shield

HP BOL 1652513 - Clear replacement visor

HP BOL 1652500 - Hard hat attachment

Features & Benefits:

- Exceptional coverage and high impact protection (120m/s)
- Multi adjustable for both height and depth
- Lightweight and offers perfect optical quality
- Provides splash protection and is Electrical flash certified EN166

Highlight Feature:

Thanks to its superior ergonomic design, Sphere can be worn not only with safety spectacles and goggles but also with respiratory masks, without any interference to the face shield

- Adjustable for both height and depth
- Perfect optical quality
- Chemical & liquid splash resistant.
- Light weight
- Certified to AS/NZS 1337.1:2010.



Honeywell Turboshield

HP HON 1031740 -Turboshield™ Ratchet Headgear

HP HON 1031743 - Clear Polycarbonate Visor Uncoated

HP HON 1031744 - Clear Polycarbonate Visor AF/HC

HP HON 1031748 - Shade 5 Visor Uncoated

Simple pushbutton release system allows for easy visor exchange in seconds. Toric lens provides excellent optics, increased field of view and added chin coverage without bulky attachments. Ergonomic, easy-to-use adjustment knobs - even when wearing gloves. Patent-pending suspension system with comfort-designed headgear features dual material technology for cushioned comfort.

Smooth-pivoting action with positive stops in raised and lowered position. Ergonomically designed ratcheting headgear mechanism assures quick, easy adjustment to achieve an optimal fit.

- High velocity impact protection certified to AS/NZS 1337.



BIONIC® Face shield,

HP HON 1011623 - BIONIC FACE SHIELD & CLEAR UNCOATED VISOR

HP HON 1011624 - BIONIC FACE SHIELD & CLEAR COATED VISOR

HP HON 1011625 - CLEAR UNCOATED REPLACEMENT VISOR

HP HON 1011627 - CLEAR COATED REPLACEMENT VISOR

HP HON 1011628 - SHADE 3 UNCOATED REPLACEMENT VISOR

HP HON 1011629 - SHADE 5 UNCOATED REPLACEMENT VISOR

HP HON 1015161 - BIONIC HARD HAT ADAPTOR

The simplest and most comfortable face shield designed to handle any challenge. Revolutionary and designed for rugged jobs, it's tough where it has to be, yet extremely lightweight and balanced for all day comfort.

- Extended top of head & chin protection & adjustable headband.

- Dielectric design will not conduct electricity.

- Hard hat adaptor sold separately. Compatible with MSA V Guard Elite & Protector Tuff Master hard hats.

- Shade 3 & Shade 5 visors available for welding.

- Easy lens replacement. Lenses are interchangeable between clear, electric arc and shaded welding visors, making the Bionic an extremely versatile face shield.

- Weight: 360 grams.

- Impact Protection: High Impact & Splash Protection.

- Approvals: AS/NZS 1337, Impact Protection: High Impact & Splash Protection.



Head and Face - Protection Faceshields



MSA V-Gard Accessory System

Cap and Hat frames, visors and chin protectors designed for MSA helmets, tested and approved with all MSA helmets.

The system makes it easy to connect visors to frames by using a patented alignments guide and three touch point loading for easy installation. Changing visors is simple and the range offers options for the best performance against impact, chemicals, heat and UV/IR radiation. New features include debris control, to close the gap between visor and frame and a retractable chin guard.

Visor Holders/Frames

HP MSA 10115822 - Universal, for use with non slotted MSA helmets and those incorporating non MSA helmet mounted hearing protection.

HP MSA 10115730 - For V-Gard slotted caps.

Visors

HP MSA 10115836 - Visor clear Poly Carbonate Flat

HP MSA 10115839 - Visor clear Poly Carbonate Flat Antifog Antiscratch

HP MSA 10115844 - Visor clear Poly Carbonate Flat Molded Antifog Antiscratch

HP MSA 10115855 - Visor clear Propionate Molded

HP MSA 10115856 - Visor clear Propionate Molded suit chin protector

HP MSA 10115859 - Visor shade 3 IR Poly Carbonate Molded

HP MSA 10115862 - Visor shade 5 IR Poly Carbonate Molded

HP MSA 10116558 - Visor Mesh with plastic edge to suit chin protector

Chin Protectors

HP MSA 10115827 - Chin Protector V-Gard STD

HP MSA 10115828 - Chin Protector V-Gard Retractable



MSA Black Eagle Faceshield

HP MSA 227500CL - Clear face-shield

HP MSA 227500GN3 - Green Shade 3 faceshield

HP MSA 227500GN5 - Green Shade 5 faceshield

HP MSA 227500MA - Mesh Aluminium faceshield

HP MSA 227500MF - Mesh Fibreglass faceshield

- Available in 3 different shaded visor options or 2 mesh versions (aluminium & fibreglass).

- Fully adjustable head suspension.

- Medium velocity impact protection certified to AS/NZS 1337.

- Ideal for protection against flying debris and particles, liquids and vapours.

- Shaded versions suitable for oxy welding.

- Chinguard fitted to all models except mesh visor version.



ArcShield™

HP OB 21 ARC12AF A3+500

HRC2 (12 cal)

Faceshield swivels at the hard cap adapters up to sit over hard cap when not in use

Arc Series Faceshield Proprietary Polycarbonate Material Superior VLT (Visible Light Transmission)

Deluxe Model w/ Scratch Resistant outside surface & Permanent Antifog coating inside

Lower Crown provides chin protection (required for rating)

Incorporates SideShield Extenders
Increases protection to 20" wide



UniSafe VMKIT Earmuff, Visor & Safety Helmet Combination

HP SCO VMKIT

Head and face kit complete with UniSafe Type 1 ABS plastic vented safety helmet, metal mesh visor and ZONE NB Class 4 24dB(A) earmuff. Suitable for forestry and timber processing applications. The UniSafe VMKIT helmet earmuff visor combination has been tested as a certified system under AS/NZS 1801:1997 (Safety Helmet) and AS/NZS 1270:2002 (Earmuff).

- TA570 vented Type 1 ABS plastic Safety Helmet.

- ZONE 1 NB (yellow) Class 4 24dB(A) cap attachable earmuffs.

- Low impact Mesh visor and peaked visor holder.

- VMKIT has been tested as a "certified" system under AS/NZS 1801:1997.

- Certified to AS/NZS 1801:1997 (Safety Helmet) and AS/NZS 1270:2002 (Earmuff).

Order Information



Call 08 93306355



Industrial Protective Products (WA)
Supporting Better Products



Head and Face - Protection Arc Faceshields & Hoods

AS1200 Universal Fit Protective Faceshield - Full or Front Brim HRC 2

• NEW Universal Fit AS1200FB & AS1200U Salisbury by Honeywell's NEW revolutionary AS1200FB and AS1200U are weight balancing arc flash protection faceshield that fit ALL popular full brim (AS1200FB) or front brim (AS1200U) hard hats. The shield easily stows in a balanced, compact position, centered over the top of the hard hat when not needed. The AS1200FB and AS1200U assembly attaches to the full or front brim hard hat with an elastomeric band that secures the bracket onto the brim. All parts are dielectric and specifically designed for arc flash protection. The AS1200FB and AS1200U have an ATPV rating of 12cal/cm² (NFPA 70E HRC 2) and utilizes nanotechnology and an anti-fog coating, to provide a clearer, more transparent window for improved visibility. The faceshield unit includes an upper bracket ventilation feature that allows a natural air flow through the top of the face shield. This reduces fogging of the visor, lowers CO₂ levels and improves comfort for the user

Features & Benefits

- 12 cal/cm²
- 7.5" x 20" viewing area
- Extra light tint
- .06" thick
- Absorbs >99.9% of harmful UV radiation
- Resistant to fogging
- Unique Weight Balancing Design
- Optional Task Light Feature
- Replaceable Window, no tools required.
- AS1200FB Fits all Popular Full Brim Hard Hats
- AS1200U Fits all Popular Front Brim Hard Hats
- Ventilated Design
- Adjustable Pivot Tension
- Can Be Easily Removed from the Hard Hat
- One Hand Operation



NEW HRC2 A1200 ARC Faceshield

HP SAL AS1200FB - AAS1200 Universal Fit Protective Faceshield - Full or Front Brim HRC 2

HP SAL AS1200FS-FB - NEW Replacement Faceshield/Window 12 cal/cm² for AS1200FB Full Brim

HP SAL 1AS12CLR-FB - NEW Transparent Chin Guard for AS1200FB

HP SAL AS120RG-FB - NNEW Orange Chin Guard for AS1200FB

HP SAL AFLENS NEW TAnti-Fog Inner Lens

HP SAL 1AS1200U - NEW 12 cal/cm², Universal Fit, Arc Flash Protection Faceshield Unit for Front Brim Hard Hats

HP SAL AS12CLR NEW Transparent Chin Guard for AS1200 Series Front Brim

HP SAL 1AS1200FS - NEW Replacement window for AS1200 Series Front Brim

HP SAL AS1200 - AS1200 Protective Faceshield - HRC 2 weight balancing arc flash protection faceshield unit.

HP SAL AS1200HAT AS1200 Protective Faceshield - HRC 2 NEW weight balancing arc flash protection faceshield unit w/ hard hat

HP SAL 1AS12CLIP NEW Replacement Clips Set (2) for AS1200HAT Shield

HP SAL FLKIT NEW Attachable Task Light (1) & FLCLIP



Arc Flash Hood ARC Series ARC40 HRC4

HP OB ARC40C

Oberon Arc Flash Hoods are color coded to an Arc Rating so it is apparent which hood you have

Hanging Loop on top of Hood

Zipper inside top of Hood to fit optional Oberon Hood Ventilation System (HVS) that provides air circulation inside hood

FACE-FIT® Hood Window Proprietary Polycarbonate Material Superior VLT (Visible Light Transmission)

Scratch Resistant outside surface Permanent Antifog coating inside

Easy Disassembly for laundering

Covered Port hole for HVS does not sacrifice protection

Generous Shoulder for ease of motion

Nomex® Threads on all suit seams

Strap to hold Oberon Hood Ventilation System Fan Motor

Head and Face - Protection Arc Faceshields & Hoods



NEW 40 Cal Lightweight Lift Up Front Hood

HP SAL LFH40 - 40 cal, 2 layer, 9oz/yd2 over 9oz/yd2

HP SAL LFH40PLT - 40 cal Premium Light Weight, 2 layer, 5oz/yd2 over 6oz/yd2

Lift Front Hood

A revolutionary hybrid in arc flash protection Salisbury by Honeywell's Lift Front Hood is a lighter, more comfortable Arc Flash hood that provides users with increased visibility, breathability and safety

Visibility

- Shield and chin guard offer an additional 45 degrees of vertical view over standard hoods.
- Vertical peripheral vision field increases by 109% which allows for a clearer view of surroundings.
- Contoured lens naturally extends range of peripheral vision giving user a greater outward visibility and more access to natural light.
- Allows for use of task lights to add much needed convenience lighting in dark work places.

Comfort

- Contains 60% less fabric weight than standard hoods which makes it lighter and more comfortable to wear.
- Reduction in fabric allows for more natural head movement and eliminates the need for frequent hood adjustments due to shifts in the excess fabric.

Ventilation & Breathability

- Industrial design creates a natural ventilation system beneath the brim of the hard hat.
- Ventilated bracket design allows carbon dioxide and heat to escape as it rises from the body.

Arc Rated 40 Calorie
Thread Nomex

Shield Weight balancing shield assembly

40 Calorie Polycarbonate dual lens, anti-fog and abrasion resistant

Chin Guard Transparent chin protector with trigger mechanism (printed and 40 cal ATPV)

Frame with riveted Velcro

Latch and trigger assembly



Order Information



Call 08 93306355



Industrial Protective Products (WA)
Supporting Better Products



Head and Face - Protection Faceshields



3M™ Headgear G500

HP 3M 6500GU - 3M Headgear Browguard Yellow

HP 3M 6500OR - 3M Headgear Browguard Yellow

The 3M™ Headgear G500 provides a versatile and comfortable solution for wearers who require both face and hearing protection. The G500 has special design features making it easy to combine the headgear with other 3M safety products such as face shields, passive earmuffs or communication headsets.

Key Features:

- Ratchet for size adjustment
- Printable front cover for customised solutions
- Replaceable sweatband
- Compatible with a wide range of 3M™ Peltor™ passive and communications earmuffs
- Change visors quickly and easily
- Slimline ear muffs Class 4

Ratchet harness

This solution with its ergonomically designed neck support, makes it possible to obtain maximum comfort for long periods of time. The adjustment dial is made of a TPE-material for maximum grip

Harness adjustment

Three height adjustment positions
8 positions for head size adjustment

- Certified to AS/NZS 1337.1:2010.

3M Headgear Combination Sets

HP 3M G500V5FH510-GU - 3M Headgear Combination Industry Polycarbonate

HP 3M G500V5CH510-OR - 3M Headgear Combination Forestry Mesh

3M™ Headgear G500 Industrial Combination Frontcover

Ventilation for increased comfort. The frontcover is also designed as a cable holder in combination with Peltor Communication products
Clear faceshield
5F-1 (Polycarbonate) high impact visor, 1.5mm thick, Anti Fog coated on both sides tested to AS/NZS 1337.1

Hearing Protection

Thanks to the robust design of the headband, G500 can be used both with and without earmuffs. The slot is 30 mm wide made to take the Peltor P3E-attachmen

3M™ Headgear G500 Forestry Combination Frontcover

Ventilation for increased comfort. The frontcover is also designed as a cable holder in combination with Peltor Communication products
Mesh Visor

5C (Stainless Steel) Australian Standard under development.

Hearing Protection

Thanks to the robust design of the headband, G500 can be used both with and without earmuffs. The slot is 30 mm wide made to take the Peltor P3E-attachme

- High velocity impact protection certified to AS/NZS 1337.

3M Peltor™ Lumberjack

HP 3M G2000CUOR31V4-C-01 3M Headgear Combination Lumberjack

•The Peltor lumberjack system combines head, face and hearing protection. This unit was developed for the logging and gardening industry. It has a uniquely designed front visor shield which helps eliminate sawdust and rain from falling between the mesh screen and hard cap. The mesh visor and earmuffs can be swiveled both up or down. The rain guard protects your neck from debris and rain

A variety of accessories are available to adapt Peltor helmets to individual needs. Like all Peltor products, the accessories are designed to work together without compromising protection. This is a necessity for good protection with high comfort

Helmet accessories and spare parts

- HP 3M GH2 Chinstrap, G2000
- HE 3M G2E Extra strap for 6-point lining, G2000
- HE 3M HYG3 Standard sweatband, all
- HE 3M GLF Lamp and cord holder, G2000
- HE 3M GR3C Rain protection, all
- HE 3M P3GV/2 Helmet attachment for visor 24mm
- HE 3M V412 Linkage kit



Head and Face - Protection Welding Helmets



UniSafe WL530 Welding Helmet

HP SVCO WL530 - Welding Helmet with Shade 10 Lens

HP SVCO WW257 - Replacement Shade 7 Lens

HP SVCO WW258 - Replacement Shade 8 Lens

HP SVCO WW259 - Replacement Shade 9 Lens

HP SVCO WW250 - Replacement Shade 10 Lens

HP SVCO WW251 - Replacement Shade 11 Lens

HP SVCO WW252 - Replacement Shade 12 Lens

HP SVCO WW253 - Replacement Shade 13 Lens

HP SVCO WW254 - Replacement Shade 14 Lens

HP SVCO WW311 - Replacement Polycarbonate Clear Chipping Lens

HP SVCO TA094 - Replacement terry toweling Sweatband

HP SVCO WA184 - Replacement Welding Helmet Ratchet Harness

Australian made lightweight injection moulded welding helmet is suitable for industries such as construction, shipbuilding, heavy fabrication and mining. The WL530 has superior balance and coverage with Shade 10 lens, ratchet adjustable headgear and lift up lens holder.

- Lightweight injection moulded shell.
- Superior balance and coverage.
- Terry Towel sweatband absorber (replaceable).
- Ratchet adjustable headgear.
- Lift up lens holder.
- Australian made.
- Certified to AS/NZS 1337.1:2010.



UniSafe Cap Attach Welding Helmet

HP SCO WLC500 - Cap Attach Welding Helmet with Shade 10 Lens

HP SCO WLC535 - Cap attachable Welding Helmet with Shade 10 Lens

- Replacement available from Shade 7 to Shade 14 Lens

Replacement Polycarbonate Clear Chipping Lens also available

UniSafe Australian made lightweight injection moulded cap attachable welding helmet. The cap attachable welding helmet clip onto UniSafe TA500 series safety helmets and is suitable for industries such as construction, shipbuilding, heavy fabrication and mining.

- Lightweight injection moulded shell.
- Simply clip onto UniSafe TA500 Series safety helmets.
- Lift up lens holder.
- Safety Helmet sold separately.
- Australian made.
- Certified to AS/NZS 1337:1992.

Order Information



Call 08 93306355



Industrial Protective Products (WA)
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Head and Face - Protection

Welding Helmets



UniSafe WL540ADF Auto Darkening Welding Helmet

HP SCO WL540ADF - Auto Darkening Filter Welding Helmet (Shade 9 to 13). Grinding mode Shade 4

HP SCO WH515 - Auto Darkening welding filter

HP SCO WXHG02 - Replacement Head harness complete with sweatband

HP SCO WXC - Replacement polycarbonate external cover lens

The UniSafe WL540ADF is a lightweight welding helmet providing excellent coverage and high impact protection. The harness is fitted with a nape comfort pad and allows multiple adjustments to ensure correct fit and security. The auto darkening filter is solar/battery powered, fitted with a low battery power indicator, internal cover lens, sensitivity and delay control. All this permits the wearer to personalise the product and alter settings to suit the application.

The auto darkening filter is CE approved and fitted into a welding helmet complete with cover lens and harness AS/NZS 1337.1:2010 certified.

The UniSafe Auto Darkening Welding Helmet is ideally suited to general arc welding and grinding applications. During non welding periods the auto darkening filter is shade four (4). This allows non welding activities to be performed where eye/face protection is required. Prior to welding careful shade selection is needed. This helmet offers variable shades 9 to 13 controlled by the external control on the welding helmet.

Suitable for general electric arc welding applications and were high productivity and quality requirements exist. Industries such as light to heavy engineering, construction, manufacturing and fabrication are potential users. Welding processes include MIG, TIG, PLASMA. Please refer to table in product manual for shade guidance.

PRODUCT HIGHLIGHTS

- Lightweight and durable
- High impact shield and cover lens
- External control variable auto darkening lens with grinding mode (CE approved)
- Sensitivity and delay internal control
- Multi adjustable head harness complete with comfort pad
- Solar/battery powered

MATERIALS

Helmet Shell: Thermal high impact nylon Inner/Outer Cover Lens: Polycarbonate Ratchet Head Harness: Polyethylene Sweatband: Foam and polyester blend

APPROVALS

The UniSafe WL540ADF welding helmet and cover lens has been tested and certified to AS/NZS 1337.1:2010 with a high impact (V) rating.

The UniSafe WH515 auto darkening filter has been tested and certified to CE 4/9-13 1/2/1 EN379 ANSI Z87.1 requirements

- Australian made.

Head and Face - Protection Welding Helmets



HONEYWELL Galaxy Welding Helmet High Impact

HP HON 100591 - Honeywell Galaxy High Impact welding helmet

HP HON - Cap attachment Welding Helmet

Replacement terry toweling Sweatband

Replacement Welding Helmet Ratchet Harness

Replacement Shade 10 -14 Lens available

Replacement Front Cover Polycarbonate Clear Lens

Honeywell Australian made lightweight injection moulded welding helmet. Is HIGH IMPACT rated and is standard accross many sites Galaxy is suitable for industries such as construction, shipbuilding, heavy fabrication and mining.

- Lightweight injection moulded shell.
- HIGH IMPACT RATED
- Lift up lens holder.
- Repalceable Spare Parts
- Australian made.
- Certified to AS/NZS 1337:1992.

Order Information



Call 08 93306355



Industrial Protective Products (WA)
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Head and Face - Protection Welding Helmets



3M™ Speedglas™

"Because there is only one Speedglas"

It's important to note that not all welding helmets are created equal. With so many different price points it's hard to understand how they differ in quality and why they differ in price - apart from the obvious range of shade settings. This section will lead you through the Speedglas point of difference.

The Best Possible Optical Quality

Welding lenses can be rated on optical quality across three different classifications - light distortion, diffusion of light and uniform shading looking through the glass pack at a 90 degree angle. 3M™ Speedglas™ Welding Lenses 9100 have the best optical classification possible with a rating of 1/1/1 (where one is the highest and three is the lowest). For welding helmets that DO display their optical rating, take the time to see how it compares with the Speedglas 9100. As for helmets that DON'T make their ratings visible, ask yourself why?

Smarter Electronics

All Speedglas 9100 lenses have custom, multi-function programmed logic chips that minimise components and improve reliability. Some other brands have excessive circuitry components which can lead to increased failure. Speedglas circuit boards are manufactured in Sweden and built for Australia's humid and hot conditions with silicone coatings protecting critical components. Some brands use spray coatings or unprotected circuit boards to minimise cost and are vulnerable to contamination.

Unrivalled Switching

Contrary to popular belief it is irrelevant how many

photo-sensors a welding helmet has as long as it consistently reacts across the welding applications it was intended for. The question therefore is not how many sensors does a welding helmet have but rather, how sensitive is the lens?

Answer: Speedglas 9100 reacts AND IS RATED down to 1 amp. A number of competitor brands are only rated to 5 amps. How sensitive is the lens?

A question worth asking if you are working in a professional environment and need your helmet to consistently react across a range of applications requiring a highly sensitive lens.

Largest Viewing Area on the Market

The Speedglas 9100XX has one of the largest viewing areas available on the market at a huge 73 x 107mm. This is 85% larger than a standard sized Speedglas lens and almost 35% bigger than most of the largest competitor viewing areas. When the peripheral viewing area of the exclusive Side Windows is added to the extra-large 73 x 107mm lens it gives you the largest viewing area currently available amongst auto-darkening helmets on the Australian & New Zealand market.

Ultimate Versatility - A Long Term Investment

All Speedglas 9100 welding helmets and systems use a 9100 welding lens. So even if you don't need respiratory protection right now, down the track you can always upgrade using the exact same lens. No matter what the welding future holds for you, Speedglas 9100 allows you to adapt to your welding application and environment. A welding helmet today, a welding helmet with a flip-up high impact grinding visor, safety helmet, powered or supplied air respirator system tomorrow. Speedglas is a long term investment for professional welders.

Flip-Up Functionality

A flip-up combination of a welding helmet and a curved 17x10cm high impact clear protective visor. Workers can have integrated eye, face and

Head and Face - Protection



respiratory protection - whether they are grinding, welding, setting up or simply walking through a work zone. The clear visor maintains your respiratory protection at all times whilst providing clear 170 degree vision and high impact protection compliant with Australian and New Zealand standard AS/NZS1337.1.

Compliant to Australian Standards

You should always demand welding protection compliant with Australian standards. Please note that ANSI (US) or EN (European) standards are NOT compliant or relevant to Australian Standards. Also note that equipment not compliant with Australian standards for high impact (AS/NZS1337 or AS/NZS1337.1) should not be used to grind with in Australia or New Zealand - regardless of whether the helmet has a grind mode or not. Similarly, if you require head protection, only use welding & safety helmets compliant with Australian and New Zealand standard AS/NZS1801.

Exclusive Features and Benefits

Setting the benchmark and being on the forefront of technology means that Speedglas offers exclusive features:

- SideWindows for peripheral vision (shade 5 with conventional shade 13 protection)
- Exhaust vents to assist in removing exhaled air and reduce fog producing moisture
- Advanced Speedglas 9100 head harness with parked stop in the up position
- Integrated head, eye, face, hearing and respiratory protection
- Heat reflecting silver front
- Grind, tack & hidden arc mode
- The Speedglas 9100 FX flip-up mechanism
- Powered and supplied air
- 'Parked stop' in the up position
- Innovative quick release swivel hose allows one handed release.

superior respiratory protection than previous models by supplying air directly to the breathing zone. Powered air is not always suitable respiratory protection. For certain applications supplied air is required. Speedglas respiratory welding helmets are suitable for use with powered and supplied air - an important feature as your respiratory protection requirements may change over time. The Adflo PAPR is the welder's PPE of choice, built specifically for the welder's environment with a proven track record of over a decade (with continuous upgrades). The Adflo also has the ability to stack on an odour or gas filter - also an important feature when it comes to welding

Optimum comfort

The Speedglas 9100 was built with comfort as a priority. The helmet sits perfectly balanced and has set the benchmark for comfort in welding helmets. The head harness features two crown straps for better weight distribution and avoids placing pressure on major blood vessels and nerves. The back of the harness features a self-adjusting swivel that adapts to your head shape and the front of the harness self-adjusts to match the forehead. Every major section of the harness can be adjusted for a custom fit.

Durable, Robust and backed by First Class Product Support

Surrounding the advanced functionality is one of the most durable and robust lens and shell constructions on the market. The shell is humidity resistant and the lens is constructed to last. We believe in our lenses so completely that we offer a revolving warranty. If a Speedglas lens is returned and replaced under warranty, the warranty period resets, giving you another complete period of cover under warranty. Add this to our first class product support and the availability of spare parts and you see that Speedglas is really in a class of its own.

Adflo Powered Air & V-500E Supplied Air Options
The Speedglas 9100 respirator helmet systems provide



Industrial Protective Products (WA)
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Head and Face - Protection Welding Helmets

3M™ Speedglas™ Welding Helmet

3M™ Speedglas™... In a Class of its Own

The Speedglas™ welding lens was the first commercially viable auto-darkening welding lens; and with its exclusive technology has been the benchmark for auto-darkening welding shields ever since.

Still ahead of its time more than 30 years since the first prototype, Speedglas' revolutionary technology continues to make it the safest and most reliable brand of autodarkening welding shields available. Speedglas remains the world's leading brand of personal protective equipment for welders.

Made in Sweden. Built for Australian Conditions.

For almost three decades, we have worked closely with welders, safety engineers and ergonomic specialists to consistently improve the performance and comfort of our products. We have also continued to collect feedback from welders across the world to assist us in creating welding solutions that deliver premium performance in



3M™ Speedglas™ 9100 Premium Welding Shields

The Speedglas™ 9100 series is based on 30 years of expertise and sets a new benchmark in welding shield technology. Speedglas 9100 is for professional welders who require optimum comfort, trusted protection and ultimate performance. Speedglas 9100 is our top of the line welding shield series and is now available with integrated respiratory protection and flip-up functionality



3M™ Speedglas™
9100 Welding Shield
Powered or Supplied Air



3M™ Speedglas™
9100 Air Welding Shield



3M™ Speedglas™
9100 FX Welding Shield



3M™ Speedglas™
9100 FX Air Welding Shield
Powered or Supplied Air



Head and Face - Protection



3M™ Speedglas™ 9100 Series Welding Shield Features

Excellent Optics, Bigger Views



The 3M™ Speedglas™ 9100 Series auto-darkening welding lenses continue our tradition of outstanding optical quality, including uniform shading and minimal distortion across the entire lens viewing area. By selecting just the right setting for each task, you reduce eye strain and improve the quality of every weld.

- Three viewing areas available from 45x93mm up to the largest 73x107mm (see details in table below).
- The 3M™ Speedglas™ 9100XX lens is 85 % larger than any standard Speedglas welding lens.
- Seven adjustable dark shades including 9-13 (variable), 5 for gas welding/cutting, and 8 for micro-plasma or lowamp TIG.
 - Outstanding low-amp TIG performance from settings as low as 1 amp.
 - New grind and lock in any shade mode
- Exclusive, innovative tack welding comfort mode to help reduce eye strain.

High-comfort Head Harness

All welding shields in the 3M™ Speedglas™ 9100 Series feature a highly adjustable, comfortable head harness. The outside of the human head is lined with nerves, arteries, and acupressure points; applying pressure to some of these spots actually makes a person feel fatigued.

The 9100 Series head harness specifically avoids these vulnerable areas. It provides multiple adjustment combinations so you can “tailor” the shield to fit your personal preferences and comfort setting. Less pressure - and a perfectly-adjusted, personal fit - means more comfort, all day long.

Fits head sizes 50 to 64cm.	Two adjustable crown straps distribute weight for better stability and balance.
Smooth ratchet for precise tightening.	Self-adjusting “twin pads” contour to your head
Swiveling, selfadjusting back strap accommodates a cap worn backwards.	Snag-resistant knobs for adjusting the shield’s pivot action – even while wearing gloves.
	You can adjust the shield’s angle while wearing the shield on your head.



Head and Face - Protection Welding Helmets

Ultimate Performance

Protecting your eyes and face from radiation, heat and sparks while providing unprecedented optical quality, the Speedglas welding helmet 9100 will be one of your most important welding tools.

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

3M™ Speedglas™ Welding Lens 9100XX with superior optical performance for continuous viewing comfort.

Heat reflecting silver front.

Exhaust vents to assist in removing exhaled air.

High comfort head harness.

Increased coverage for ears and side of neck.

SideWindows: Shade 5 windows that widen your field of vision.

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



All the benefits of the Speedglas welding helmet 9100 can now be used in conjunction with head protection (AS/NZS1801) for welders working in areas with overhead hazards.

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.



Head and Face - Protection



Respiratory Protection

All of the benefits of the Speedglas welding helmet 9100 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 protection.

SideWindows: Shade 5 windows that widen your field of vision.

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 helmet harness.

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

Speedglas 9100 XX Welding Helmet Product List

HP SG 501825	- Speedglas 9100XX Welding Helmet High Impact Protection
HP SG 503825	- Speedglas 9100XX Welding with safety helmet Helmet High Impact Protection
HP SG 507725	- Speedglas 9100XX Welding with Adflo Powered Air Respiratory System High Impact Protection
HP SG 508825	- Speedglas 9100XX Welding with safety helmet Helmet High Impact Protection

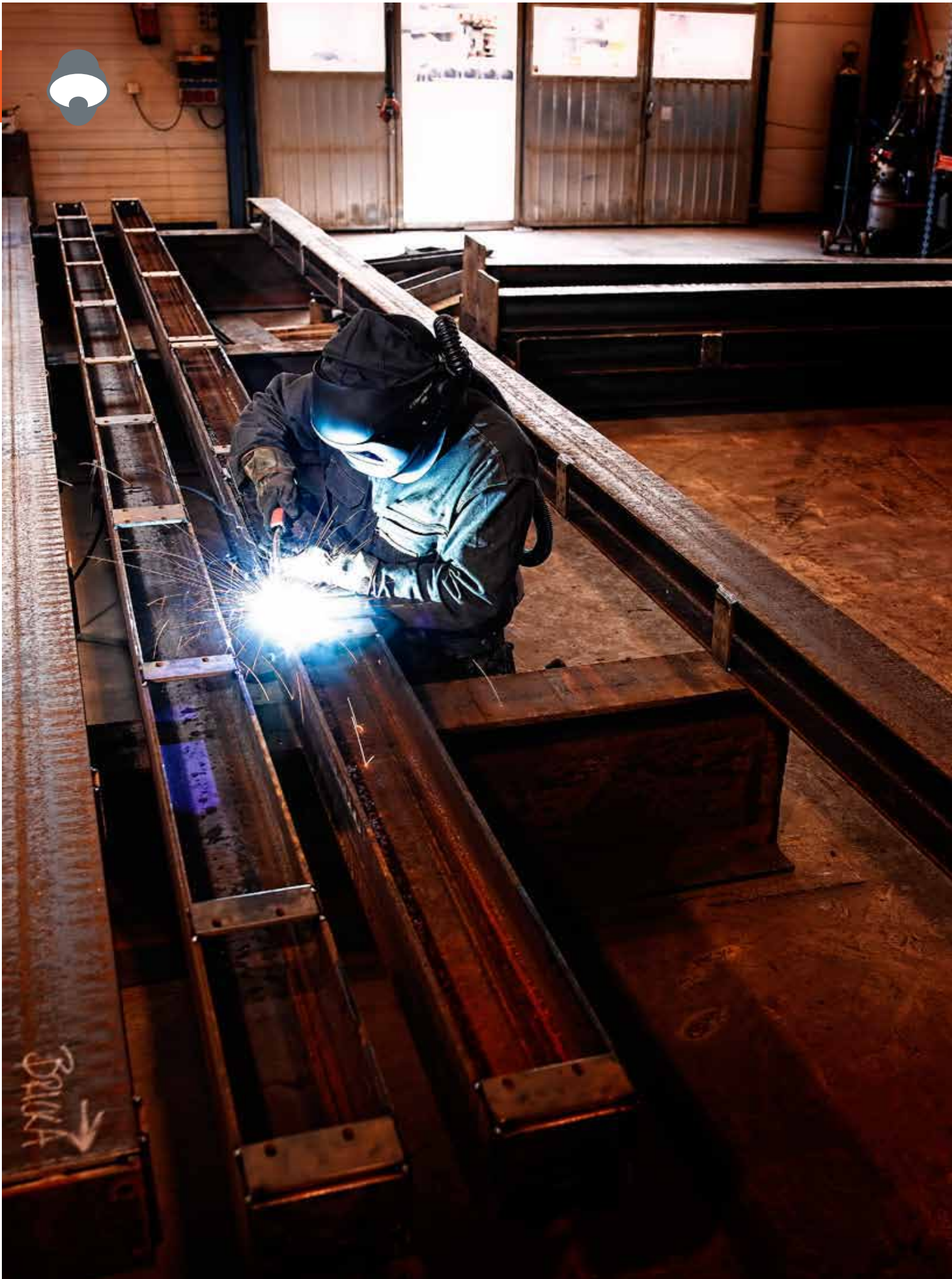
Order Information



Call 08 93306355



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Head and Face - Protection



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 9100XX with superior optical performance for continuous viewing comfort.

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

Smooth flip-up function with curved 170 x 100 mm clear protective visor.

SideWindows: Shade 5 windows that widen your field of vision.

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

Exhaust vents to assist in removing exhaled air.



NEW



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Head and Face - Protection Welding Helmets

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.

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

SideWindows: Shade 5 windows that widen your field of vision.

Smooth flip-up function with curved 170 x 100 mm clear protective visor.

High-comfort head harness.

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

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



Head and Face - Protection



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 protection.

3M™ Speedglas™ Welding Lens 9100XX with superior optical performance for continuous viewing comfort.

Smooth flip-up function with curved 170 x 100 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 that widen your field of vision.

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



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.



Speedglas 9100 XXFX Welding Helmet Product List

HP SG 541825	- Speedglas 9100XXFX Welding Helmet High Impact Protection
HP SG 543825	- Speedglas 9100XXFX Welding with safety helmet Helmet High Impact Protection
HP SG 547725	- Speedglas 9100XXFX Welding with Adflo Powered Air Respiratory System
HP SG 548825	- Speedglas 9100XXFX Speedglas 9100XX Welding Helmet with V-500E Versaflo Air Supplied Regulator



Head and Face - Protection Welding Helmets



3M™ Speedglas™ Welding Helmet

HP SG 501825

Weld (Stick, MIG, TIG>1A), Cut, Grind, Hidden Arc and Tack

Largest viewing area available on the Australian market (73 x 107mm + SideWindows)*

High impact to Australian standards AS/NZS1337.1

Superior optical quality and comfort

Seven adjustable dark shades 5, 8, 9-13

New grind and lock in any shade mode

New tack welding comfort mode

Independent centre and eye level photo sensors react down to 1 amp

Exclusive SideWindows design for enhanced vision

Exclusive exhaust vents to assist in removing exhaled air

Magnifying lens holder provides precise lens placement

Advanced ergonomic ratchet style head harness with parked stop in the up position



3M™ Speedglas™ with Safety Helmet

HP SG 583825

Weld (Stick, MIG, TIG>1A), Cut, Grind, Hidden Arc and Tack

Comfortable safety helmet provides overhead protection (AS/NZS1801)

Largest viewing area available on the Australian market (73 x 107mm + SideWindows)*

High impact to Australian standards AS/NZS1337.1

Superior optical quality and comfort

Seven adjustable dark shades 5, 8, 9-13

New grind and lock in any shade mode

New tack welding comfort mode

Independent centre and eye level photo sensors react down to 1 amp

Exclusive SideWindows design for enhanced vision

Exclusive exhaust vents to assist in removing exhaled air

Magnifying lens holder provides precise lens placement

Advanced ergonomic ratchet style head harness with parked stop in the up position

Head and Face - Protection



3M™ Speedglas™ Flip-Up Welding Helmet

HP SG 541825

Weld (Stick, MIG, TIG>1A), Cut, Grind, Hidden Arc and Tack

Flip-up mechanism reveals a clear high impact grinding visor (AS/NZS1337.1)

Largest viewing area available on the Australian market (73 x 107mm + SideWindows)*

Superior optical quality and comfort

Seven adjustable dark shades 5, 8, 9-13

New grind and lock in any shade mode

New tack welding comfort mode

Independent centre and eye level photo sensors react down to 1 amp

Exclusive SideWindows design for enhanced vision

Exclusive exhaust vents to assist in removing exhaled air

Magnifying lens holder provides precise lens placement

Advanced ergonomic ratchet style head harness with parked stop in the up position

Speedglas Accessories

- HP SG 169005** - Speedglas Head Protection Tecaweld 9100
- HP SG 169010** - Speedglas Throat Protection Tecaweld 9100
- HP SG 790101** - Speedglas carry bag
- HP SG 954411** - Speedglas welders bandana cap cotton
- HP SG 834018** - Speedglas air hose cover flame retardant Proban Adflo PAPR
- HP SG 169100** - Speedglas Head Protection Tecaweld 100 & 9000
- HP SG 164005** - Speedglas ear & throat protection leather 100 & 9000
- HP SG 164009** - Speedglas Head Protection Tecaweld 100 & 9000
- HP SG 169001** - Speedglas Throat Protection Tecaweld 100 & 9000
- HP SG 954410** - Speedglas welders cap (pictured) cotton

Tecaweld cloth (a blend of 75% cotton and 25% Kevlar fibres), is available in throat protection to compliment your Speedglas 100 or 9000 welding helmet."



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Head and Face - Protection Welding Helmets



3M™ Speedglas™ New Upgraded Adflo™ Powered Air Respirator

Super Light & Rapid Charge

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.

Flip-up mechanism reveals a clear high impact grinding visor (AS/NZS1337.1)

Hot Working Conditions

With its smart, compact design, the award-winning Adflo Powered Air Respirator is specially designed to meet your welding needs 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. Its continuous airflow provides filtered air that takes much of the heat and sweat out of welding. By using the Adflo respirator, you get both increased protection and comfort all day long.

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

Head and Face - Protection Welding Helmets



**"Trusted by
Welders"**



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Head and Face - Protection Welding Helmets

3M™ Speedglas™ Welding Helmet Series 100

Upgraded Features

Speedglas welding helmet series 100 is equipped with industry leading features to bring you premium performance at a highly affordable price.

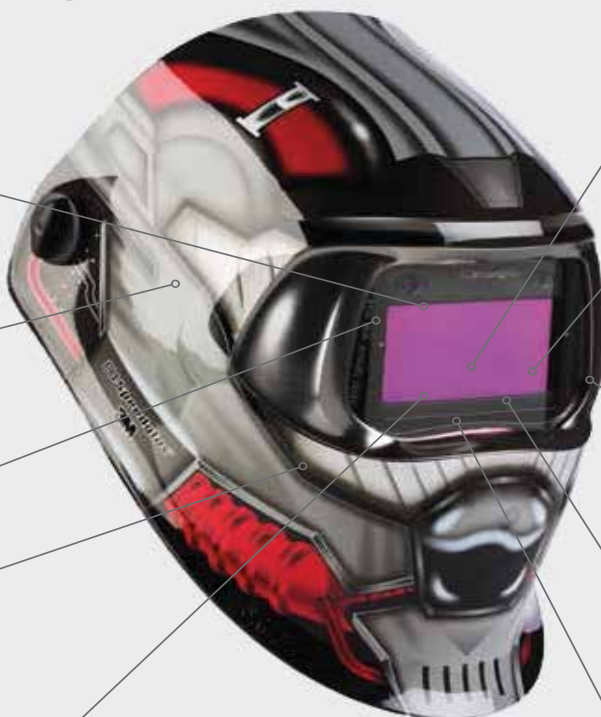
Appropriate for most arc welding processes, including Stick, MIG and TIG welding.

Compliant with Australian & New Zealand Standard AS/NZS1337 for high impact.

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

Quality Speedglas graphics.

Made in Sweden



New Upgrades

NEW

Now with advanced TST (TIG Sensor Technology).

NEW

Shade 3 sensitivity setting for grinding.

NEW

Improved head harness with smooth ratchet mechanism for precise tightening and comfort.

NEW

Built-in holder for magnifying lenses. Attaching the lens is easier and the fit is more accurate.

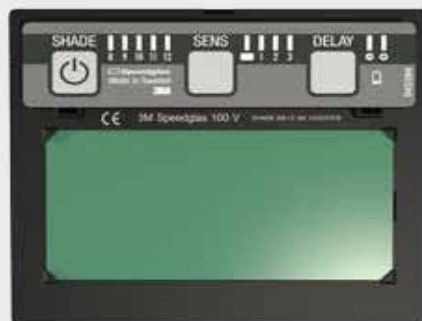
NEW

New delay function allows you to set the dark-to-light opening time.



New Ratchet Head Harness

The new Speedglas welding helmet series 100 head harness provides comfort and adaptability. Featuring a smooth ratchet mechanism and multiple adjustment points, the head harness provides a customised fit.



Powerful New Welding Lens

Speedglas welding lens 100V is equipped with five adjustable dark shades: 8-12, a light shade of 3, three sensitivity settings, two delay settings and a new grind mode. Versatility at your fingertips.

Head and Face - Protection

Welding Helmets



3M™ Speedglas™ Ninja 100 Series Welding Helmet

HP SG 751120

Speedglas welding helmet series 100 delivers legendary Speedglas optical clarity and protection with distinctive graphic designs. Make an impact - choose from the graphics below.



3M™ Speedglas™ Warrior 100 Series Welding Helmet

HP SG 751620

Speedglas welding helmet series 100 delivers legendary Speedglas optical clarity and protection with distinctive graphic designs. Make an impact - choose from the graphics below.



3M™ Speedglas™ Aces High 100 Series Welding Helmet

HP SG 751720

Speedglas welding helmet series 100 delivers legendary Speedglas optical clarity and protection with distinctive graphic designs. Make an impact - choose from the graphics below.

New Three Year Warranty

Speedglas auto-darkening lens manufacturing processes are supported by rigorous quality assurance systems. As a consequence, Speedglas auto-darkening welding lenses are now backed by a 3 year warranty*.



3M™ Speedglas™ Ice Hot 100 Series Welding Helmet

HP SG 752520

Speedglas welding helmet series 100 delivers legendary Speedglas optical clarity and protection with distinctive graphic designs. Make an impact - choose from the graphics below.



3M™ Speedglas™ Raging Skull 100 Series Welding Helmet

HP SG 752620

Speedglas welding helmet series 100 delivers legendary Speedglas optical clarity and protection with distinctive graphic designs. Make an impact - choose from the graphics below.

Order Information



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