



Our Story WorkArma is backed by Bremick, which has a legacy of quality, credibility, durability, and advanced engineering that spans almost 60 years. As Australia and New Zealand's leading manufacturer of tradequality fasteners, the team delivers invaluable industry insight to create Personal Protective Equipment designed for performance. Our comprehensive range is driven by innovation and supported by meticulous testing, ensuring every product exceeds Australian industry standards. With Personal Protective Equipment that works to protect you, we're changing the way the world stays safe. 9 W#RKARMA*

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Eye & Face Protection



Eye and Face Protection is designed to protect the wearer from potential eye hazards, such as airborne projectiles, chemical splash, liquids, dust and more.

WorkArma Eye and Face Protection also provides protection from harmful UV (ultraviolet) rays and IR (Infrared) radiation, which can lead to serious eye related injuries.

These potential hazards make wearing Eye and Face Protection an essential part of your daily personal protective equipment requirement.





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Our Range

Protect your sight on site. Our range of Eye and Face Protection includes Glasses, Goggles and Faceshields with various coatings, lens types, lens colours & accessories.







Safety Glasses

Safety Goggles

Faceshields

Testing Standards

WorkArma Eye and Face Protectors are manufactured and certified to AS/NZS 1337.1:2010 - Personal Eye Protection Part 1: Eye and Face Protectors for Occupational Applications. WorkArma Eye and Face Protectors are certified by SAI Global.

This standard ensures certified Eye and Face Protectors pass a series of laboratory tests, which demonstrate the required protection received from the Eye and Face Protector's overall construction.

Applications and recommended practices for the selection, use and maintenance of Protective Eyewear are detailed in AS/NZS 1338. These include Eye and Face Protection worn in industries such as building work, construction, general industry, underground working, mining, quarrying, forestry, bush firefighting, high temperature workplaces and other occupations with similar hazards.





Safety Tip

When using a grinder, especially during cutting tasks, a full face shield is required. For added safety consider double Eye Protection. This involves Goggles or Safety Glasses in conjunction with a Face Shield.

Lens Markings

Eye and Face Protectors are required to be clearly labelled with the protection received by the protector:

Lens Marking AS/NZS 1337.1:2010	Description	Protection Received	Applicable Protector
S	Low Impact: resists a 6mm ball at 13m/s or 47kph	Low impact	Mesh safety glasses, mesh visor
l or F	Medium Impact: resists a 6mm ball at 45m/s or 162kph	Medium impact	Safety glasses, goggles, visors
V or B	High Impact: resists a 6mm ball at 120m/s or 432kph	High impact	Visors
А	Extra High Impact: resists a 6mm ball at 190m/s or 684kph	Extra high impact	Visors
C or 3	Splash proof		Goggles, visors
D or 4	Dust proof		Goggles
G or 5	Gas tight		Goggles
0	Outdoor use, untinted		Safety glasses, goggles, visors
1, 2 or 3	Outdoor use, tinted		Safety glasses, goggles, visors

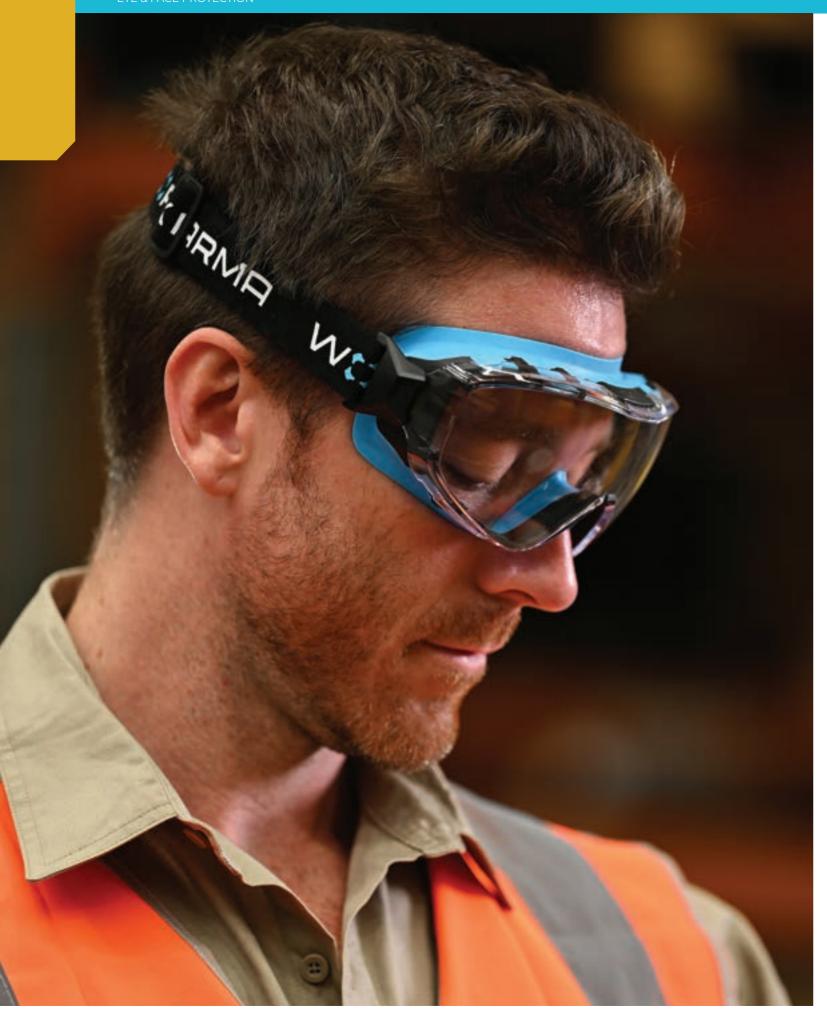
Transmission of Sun Glare

Eye and Face Protectors provide 4 levels of lens tints to demonstrate varying levels of light transmission.

Ocular Category/Number	Visible Light Transmission Range (from-to)
0	80-100%
1	43-80%
2	18-43%
3	8-18%

16 EYE & FACE PROTECTION





Impact Rating

Eye and Face Protectors can be certified under 4 core impact categories as stipulated in AS/NZS 1337.1:2010. They are rated following a test which is conducted using a 6mm diameter ball bearing. In order to be certified as one of the following, the Eye or Face Protector must remain intact following the test:

Low Impact: this type of Protector will protect the wearer from a projectile travelling at speeds of 13 metres per second or 47kph. **Medium Impact:** this type of Protector will protect the wearer from a projectile travelling at speeds of 45 metres per second or 162kph.

High Impact: this type of Protector will protect the wearer from a projectile travelling at speeds of 120 metres per second or 432kph.

Extra High Impact: this type of Protector will protect the wearer from a projectile travelling at speeds of 190 metres per second or 684kph.

Low Impact

Resists a 6mm ball at 13m/s

Medium Impact Resists a 6mm ball

at 45m/s

Resists a 6mm ball at 120m/s

High Impact

Extra High Impact Resists a 6mm ball at 190m/s

Lens Colour Options

WorkArma Eye Wear is offered in various lens colour options to provide optimal clarity, comfort, and functionality

Lens Colour	Lens Name	Description and Application
	Clear	General purpose lens for indoor use, or outdoor use in low-light condition. Provides maximum light transmission.
	Smoke	Most popular lens tint for outdoor use. Protects against visible glare without colour degradation. Good choice for outdoor work, such as construction and landscaping.
	Blue Mirror	Superior glare reduction with heavy mirroring. Great lens for outdoor use in full sun conditions, favoured by outdoor workers such as roofers, landscapers and builders.
	Polarised Smoke	Reduces intense sun glare reflected off shiny surfaces such as snow, water, sand and pavement. Improves contrast and depth perception. Great for outdoor use.
	Brown	Enhances perception in changing light and shadow. Good for low light conditions.

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Lens Coatings

To assist with product longevity and changes in atmospheric temperatures, WorkArma Eye and Face Protectors have incorporated the latest premium lens coating technology to ensure all day comfort and compliance. These include:



Hydrophobic Anti-Fog coating on glasses.

Anti-Fog

Hydrophilic Anti-Fog coatings are attracted to water and act like a microscopic sponge. The coating can hold high amounts of moisture and naturally release the moisture to the edges of the lens, which will decrease fogging of the lens. This coating is effective however, being soap based, will generally wash off over time.

Hydrophobic Anti-Fog coatings dislike water and are designed to repel the moisture as it hits the lens. The coating forces moisture to spread throughout the lens and decrease the chance of fogging. This coating is generally a permanent coating with a long-life span.

WorkArma's range of protective eyewear utilises Hydrophobic coatings that are applied to both sides of the lens.

Anti-Scratch

Safety Glasses are manufactured from polycarbonate, a "shatterproof" material that is strong and robust, to provide impact protection. However, this comes at a cost as polycarbonate has poor resistance to scratching.

Manufacturers use a wide range of coatings to reduce the severity of the scratching, increase durability and prevent distortion. Anti-Scratch coatings are generally applied either by dipping the lens (to coat both sides) or a spray (to coat one side). This coating is referred to as "Hard Coat" or HC.

Safety Tip

In most manufacturing situations you are not the only person working in the hazardous area, so when lifting up your full-face visor there is still risk to the eye. Wearing Safety Eyewear in conjunction with a full-face high impact visor will dramatically decrease the opportunity for dust, debris or impact to your eyesight.

Goggle Venting Options

Non vented goggles fully enclose the eye area and provide superior protection from dust, chemical splash and liquids. Although a strong Anti-Fog coating is required with these types of goggles due to lack of airflow.

Direct ventilation goggles generally have ventilation on the top, bottom or sides of the goggle. This type of ventilation allows direct airflow into the goggle but designed to stop objects greater the 1.5mm from entering the ocular area. Not suitable for liquids.

Indirect ventilation goggles allow air to pass through the goggle vents, this type of ventilation is designed to provide protection via a covered vent to prevent dust and liquid egress from entering the ocular area.

Goggle Foam Options

Unbound goggles manufactured without a foam seal can provide greater protection as the goggle can mould to the skin. This goggle is the most hygienic and easy to clean.

Open cell foam liner provides greater comfort to the wearer when worn for long durations, as the foam provides soft contact with the skin. This foam can absorb sweat.

Closed cell foam provides greater durability, flexibility and protection from bacteria, while preventing sweat absorption. Closed cell foam is easier to clean than open cell.

Some Safety Glasses can include a "Dust gasket" for additional dust egress protection.

WorkArma's range of goggles are fitted with the latest type of TPR (Thermoplastic Rubber) seal. This provides greater comfort and ability to decontaminate.



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Product Image





Product Name	Altitude		Apex
Certified to AS/NZ 1337.1 2010	•	•	•
Lens Colour	Clear	Smoke	Clear
Anti-Fog			
Anti-Scratch	•	•	•
Anti-Static	•	•	•
99.9% UV Rating	•	•	•
Flexible Rubberised Arms			
Soft Nose Bridge			
Temple Grip Pads			
Dust Guard			

Adjustable Ratchet Arms

EYE & FACE PROTECTION: SAFETY GLASSES

Product Image







Product Name	Latitude	Alp	ine
Certified to AS/NZ 1337.1 2010	•	•	•
Lens Colour	Blue Mirror	Clear	Smoke
Anti-Fog		•	•
Anti-Scratch	•	•	•
Anti-Static	•	•	•
99.9% UV Rating	•	•	•
Flexible Rubberised Arms		•	•
Soft Nose Bridge		•	•
Temple Grip Pads		•	•
Dust Guard			
Adjustable Ratchet Arms		•	•











Apex	Cond	quest	Lati	tude
•	•	•	•	•
Smoke	Clear	Smoke	Clear	Smoke
	•	•	•	•
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
	•	•		
	•	•		









Alpine		Summit	
•	•	•	•
Polarised Smo	ke Clear	Smoke	Brown
	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
	•	•	•
		•	•

















Altitude Clear

- CLEAR lens rated I O = Medium Impact - Outdoor use, Untinted
- Wrap around 10 base curve lens, providing front and side protection
- Polycarbonate frame and side arms
- Flexi Flat side arm design for added comfort when worn with earmuffs
- Weight 25 g

- Clear

ESME2C0C002

12 Pairs

144 Pairs





Smoke







12 Pairs





144 Pairs

Altitude Smoke

- SMOKE lens rated I 3 = Medium Impact - Outdoor use, Tinted
- Wrap around 10 base curve lens, providing front and side protection
- Polycarbonate frame and side armsFlexi Flat side arm design
- for added comfort when worn with earmuffs
- Weight 25 g

FSMF2S0S002

Australian Standard AS/NZS 1337.1:2010 Lic. SMK40268 SAI Global









144 Pairs

Apex Clear

- CLEAR lens rated I O = Medium Impact - Outdoor use, Untinted
- Wrap around 9 base curve lens, providing front and side protection
- Weight 21 g

- Rimless lens with light grip nylon side arm ensuring all day comfort
- ESME1K0C002 Clear 12 Pairs













Apex Smoke

- SMOKE lens rated I 3 =
 Medium Impact Outdoor use, Tinted
- Wrap around 9 base curve lens, providing front and side protection

Conquest Clear

• CLEAR lens rated I O =

Medium Impact - Outdoor use, Untinted

Wrap around 9 base curve lens, providing front and side protection

- Rimless lens with light grip nylon side arm ensuring all day comfort
- Weight 21 g

PART NUMBER	LENS	BO
ESME1K0S002	Smoke	12

Pairs

144 Pairs



Temple grip pads for added comfort

Weight 24 g











12 Pairs



144 Pairs







Clear

FSMI2KBCA02









W#RKARMA





FSMI2KSGA02 Smoke 12 Pairs 144 Pairs



- SMOKE lens rated I 3 = Medium Impact - Outdoor use, Tinted
- Wrap around 9 base curve lens, providing front and side protection
- Temple grip pads for added comfort
- Weight 24 g



















Latitude Clear

- CLEAR lens rated I O =
 Medium Impact Outdoor use, Untinted
- Wrap around 9 base curve lens, providing front and side protection
- Flat side arms for added comfort when worn with Earmuffs
- ensuring all day comfort

- Light rimless frame
- Weight 23 g

ESMI1C0CA02

Clear

12 Pairs

144 Pairs



Australian Standard AS/NZS 1337.1:2010 Lic. SMK40268 SAI Global





Smoke



12 Pairs



144 Pairs



Latitude Smoke

- SMOKE lens rated I 3 =
 Medium Impact Outdoor
 use, Tinted
- Wrap around 9 base curve lens, providing front and side protection
- Flat side arms for added comfort when worn with Earmuffs
- Light rimless frame ensuring all day comfort
- Weight 23 g





FSMI1SOSA02

Australian Standard AS/NZS 1337.1:2010 Lic. SMK40268 SAI Global







Latitude Blue Mirror

- BLUE MIRROR lens rated I 2 = Medium Impact -Outdoor use, Tinted
- Wrap around 9 base curve lens, providing front and side protection

26

- Flat side arms for added comfort when worn with Earmuffs
- · Light rimless frame ensuring all day comfort

• Weight 23 g

- ESMI1B0MA02 Blue Mirror 12 Pairs 144 Pairs















144 Pairs



Alpine Clear

- CLEAR lens rated I O =
 Medium Impact Outdoor use. Untinted
- Wrap around 8 base curve lens, providing front and side protection
- Co-moulded TPR side arms for added comfort
- Side arm ratchet adjustment for a perfect fit
- Soft nose bridge



Australian Standard AS/NZS 1337.1:2010 Lic.SMK40226 SAI Global









144 Pairs

Alpine Smoke

• SMOKE lens rated I 3 = Medium Impact - Outdoor use, Tinted

Alpine Polarised Smoke

rated I 3 = Medium Impact - Outdoor use, Tinted

curve lens, providing front and side protection

POLARISED SMOKE lens

• Wrap around 8 base

- Wrap around 8 base curve lens, providing front and side protection
- Co-moulded TPR side

Co-moulded TPR side arms for added comfort

Side arm ratchet

adjustment for a

perfect fit

Soft nose bridge

- arms for added comfort Side arm ratchet adjustment for a perfect fit
- Soft nose bridge



ESME1KKPA01

ESMF1KBCA01

Smoke 12 Pairs



Polarised Smoke









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144 Pairs 12 Pairs

W#RKARMA EYE & FACE PROTECTION: SAFETY GLASSES

















Summit Clear

- CLEAR lens rated I O =
 Medium Impact Outdoor
 use, Untinted
- Co-moulded TPR side arms for added comfort
- Side arm ratchet
- adjustment for a perfect fit
- Co-moulded TPR dust seal for protection against dust and minor splash
- Weight 35g

ESMS1KBCAG2

144 Pairs













Summit Smoke

- SMOKE lens rated I 3 =
 Medium Impact Outdoor
 use, Tinted
- Co-moulded TPR side arms for added comfort
- · Side arm ratchet
- adjustment for a perfect fit
- Co-moulded TPR dust seal for protection against dust and minor splash
- Weight 35g

ART NUMBER	

FSMS1KGSAG2

ESMS1KRBAG2

Smoke

12 Pairs

144 Pairs

















Brown

12 Pairs

144 Pairs



- BROWN lens rated I1 =
 Medium Impact Outdoor
 use, Tinted
- Co-moulded TPR side arms for added comfort
- Side arm ratchet
- adjustment for a perfect fit
- Co-moulded TPR dust seal for protection against dust and minor splash
- Weight 35g



Safety Goggles





Product Name	Visitor	Wide Lens
Certified to AS/NZ 1337.1 2010	•	•
Lens Colour	Clear	Clear
Anti-Fog	•	•
Anti-Scratch	•	•
Lens Shape	Flat	Cylindrical
Splash Proof	•	•
99.9% UV Rating	•	•
Indirect Venting	•	•
TPR Seal		
25mm Strap		•

Safety Goggles





Premium	
•	•
Clear	Smoke
•	•
•	•
Spherical	Spherical
•	•
•	•
•	•
•	•
•	•



Eye & Face

















EGMV1CVCA02

Visitors

- CLEAR lens rated I O
 C = Medium Impact Outdoor use, Untinted Splashproof
- Premium Anti-Fog coating
 Hard coated
 polycarbonate lens for
 Anti-Scratch protection
- 99.9% UV protection
 Liquid splash protection
 Indirect vents to help promote airflow
- Easily adjustable elastic strap
- Can be worn over glasses















Wide Lens

- CLEAR lens rated I O C =
 Medium Impact Outdoor
 use, Untinted Splashproof
- Low profile cylindrical lens
- Premium Anti-Fog coating
- Hard coated polycarbonate lens for
- Anti-Scratch protection · Liquid splash protection
- Indirect vents to help promote airflow
- Fully adjustable 25mm wide elastic strap
 Can be worn over glasses

EGMW1CVCA02

Clear

1 Pair 24 Pairs

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Australian Standard AS/NZS 1337.1:2010 Lic.SMK40226 SAI Global











Premium Clear

- CLEAR lens rated I O C = Medium Impact -Outdoor use, Untinted -Splashproof
- Low profile wide vision spherical lens
- Premium Anti-Fog coating Hard coated
- polycarbonate lens for Anti-Scratch protection · Liquid splash protection
- Form fitting TPR provides a close and

- Fully adjustable 25mm wide elastic strap

comfortable seal

EGMS1RVCA02

1 Pair

24 Pairs





Australian Standard AS/NZS 1337.1:2010 Lic.SMK40226 SAI Global









Premium Smoke

- SMOKE lens rated I 3 C =
 Medium Impact Outdoor
 use, Tinted Splashproof
- Low profile wide vision spherical lens
- Premium Anti-Fog coating
 Hard coated
 Fully adjustable 25mm wide elastic strap Hard coated polycarbonate lens for
- Anti-Scratch protection Liquid splash protection
- comfortable seal
- Form fitting TPR provides a close and

EGMS1RVSA02 24 Pairs Smoke 1 Pair

Indirect venting to assist with both Anti-Fog and chemical protection



Elastic strap with adjustable buckle

Silicone face seal for added dust protection

Medium impact polycarbonate lens



TPR nose bridge for added comfort across a wide range of facial profiles

Certified to AS/NZS 1337.1:2010

Product Image





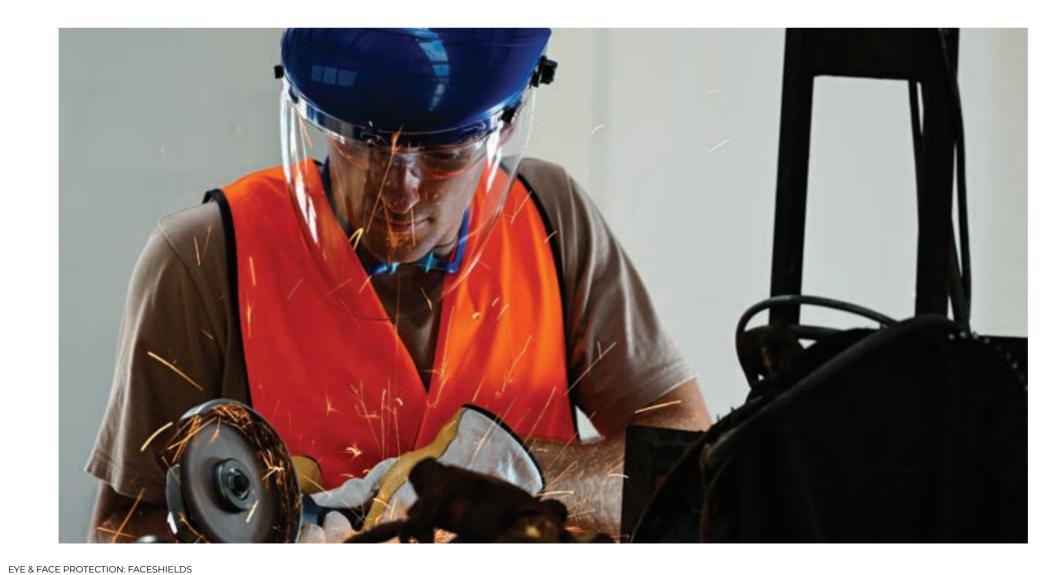
Product Name	Browguard & Visor	High Impact Visor
Certified to AS/NZ 1337.1 2010	•	•
Visor Colour	Clear	Clear
Anti-Fog	•	•
Anti-Scratch	•	•
High Impact	•	•
99.9% UV Rating	•	•
Adjustable Browguard Ratchet	•	
Replaceable Visor and Sweatband	•	







High Impact Visor	Faceshield Browguard
•	•
Smoke	
•	
•	
•	
•	
	•
	•



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Australian Standard AS/NZS 1337.1:2010 Lic.SMK40935 SAI Global









Browguard and Visor

- CLEAR lens rated V O = High Impact Outdoor use, Untinted
 Replaceable 2mm
- polycarbonate visor with easy attachment points
- 235mm wide X 220mm high visor for total Face Protection
 Adjustable browguard expands from 52cm to 62cm for a perfect fit

EKH00BUCA02

Australian Standard AS/NZS 1337.1:2010 Lic. SMK40935 SAI Global













High Impact Visor

- CLEAR lens rated V O = High Impact Outdoor use, Untinted
- SMOKE lens rated V 3 = High Impact Outdoor use, Tinted
- Replaceable 2mm polycarbonate visor with easy attachment points
- 235mm wide X 220mm high visor for total face protection

PART NUMBER	LENS	PACK QTY	CARTON (
EFH0000CA02	Clear	1	40
EEHUUUUS VUS	Smoko	1	40









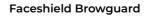








EBH00B00002



- Adjustable browguard expands from 52cm to 62cm for a perfect fit
- Locking clips for easy visor replacement
- Adjustable ratchet harness

Fitted with a replaceable cotton sweat band

W#RKARMA*

Hand Protection



Hand Protection is designed to protect our hands as they are placed in various locations in the work environment and require protection from numerous hazards. A worker's hands are vital work tools and should be appropriately protected at all times.

Wrist and hand injuries make up 30% of all work related hospitalisations in Australia.

If work gloves are too bulky, hot or cumbersome, they are typically removed or never worn increasing the potential for a hand injury. It's also imperative that each glove is correctly matched to the task.

WorkArma's Hand Protection features the latest design and manufacturing technologies, elevating safety compliance and comfort, to reduce hand injuries in the workplace.

The benefits of multi-functional Hand Protection means that it is possible to wear one pair of gloves to defend against varying occupational hazards.





WORKARMA" 43

Our Range

We put an expert touch on Hand Protection. With a diverse range of industry leading materials to choose from, our gloves cover Hand Protection for every application.



Cut Resistant Gloves



Utility Dipped Gloves



Mechanics Gloves



General Purpose Gloves



Riggers Gloves



Chemical Resistant Gloves



Disposable Gloves



Welding Gloves



Cotton Gloves

Testing Standards

WorkArma Hand Protection is manufactured and certified to the following Australian and New Zealand and/or applicable European standards:

- AS/NZS 2161:2.2020 General Requirements and Test Methods (ISO 21420)
- AS/NZS 2161.3.2020 Protection Against Mechanical Risks (EN 388)
- EN 407:2020 Protection Against Thermal Risks
- EN ISO 374-1:2016 Protective Gloves Against Dangerous Chemicals and Micro Organisms

These standards ensure certified Hand Protectors pass a series of laboratory tests, which demonstrate the required protection received from the Hand Protector's overall construction.









EN 407:2020

AS/NZS 2161.2.2020 - General Requirements and Test Methods (ISO 21420)

AS/NZS 2161.2:2020 is commonly referred to as EN420 (superseded by ISO 21420) due to the Australian and New Zealand standard replicating the requirements of the European standard. This standard covers the basics to ensure certified gloves are manufactured according to the following:

- The gloves must have been made as to provide the protection they are intended for
- The edges and seams must not cause any harm to the user or reduce the glove's performance
- The gloves must be easy to take on and off
- The material must not harm the user (natural rubber gloves should be tested on extractable proteins to ensure they do not cause allergic reactions)
- The pH value of the gloves should be between 3.5 and 9.5 (PH is measured on a scale of 1 to 14, with 1 being strongly acidic and 14 being strongly alkaline)

- In leather gloves Chromium (VI) content should be below 3mg/kg
- The protective quality of the glove must not be affected, nor should the level of performance be reduced when the washing instructions are followed correctly
- The gloves must allow as much finger mobility as possible. Dexterity is tested by picking up pins with a gloved hand, with the pin becoming smaller through each round of tests. Dexterity levels range from 1 to 5, with 5 being the most dexterous



W#RKARMA 45 HAND PROTECTION



AS/NZS 2161.3:2020 (EN 388:2016) - Protection Against Mechanical Risks

AS/NZS 2161.3:2020 - Protection Against Mechanical Risks is commonly referred to as EN 388 due to the Australian and New Zealand standard replicating the requirements of the European standard. This standard ensure gloves are certified to protect the wearer from:

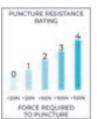
- Abrasion Risks: This test provides feedback on the glove coatings resistance to abrasion and to also provide a guide on the glove's longevity and quality of coating. The test is based on the number of cycles required to graze through the sample given
- Coup Test Cut Risks: This test provides feedback on the glove's liner and coatings resistance to a series of tests to simulate a blade cut. The test is based on the number of cycles required to cut through the sample at a constant speed
- Tear Risks: This test provides feedback on the glove's ability to demonstrate tensile strength prior to the glove tearing. The test is based on the amount of force required to tear the sample
- Puncture Risks: This test provides feedback on the glove's ability to "Flex" prior to the glove being penetrated. The test is based on the amount of force required to puncture the sample with a standard sized point
- TDM Cut Resistance: This test is based on the force required to cut through the fabric using a moving straight blade (10N = 1kg)
- Impact Risks: This test provides feedback on the glove's ability to withstand and protect the back of hand from impact or crush injuries. A pass or fail is based on the mean transmitted force experienced on the inside of the glove

EN 388:2016 2 1 3 1 X P Resistance Coup Test Cut Puncture TDM Cut Tear Impact to Abrasion Resistance Resistance Resistance Rating 0 to 4 Rating 0 to 5 Rating 0 to 4 Pass/Fail Rating 0 to 4 Rating A - F









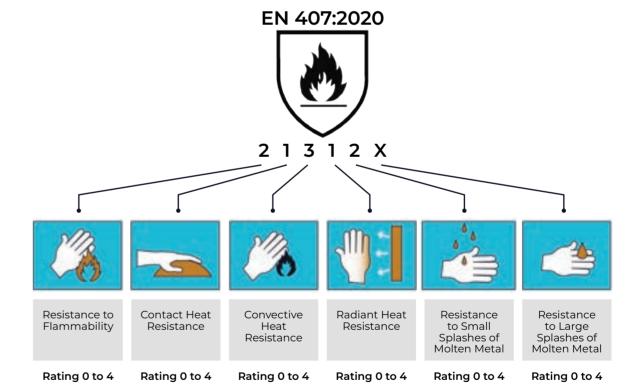


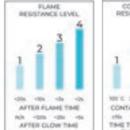
EN 407:2020 - Protection Against Thermal Risks

This standard specifies thermal performance for protective gloves against heat and/or fire. The nature and degree of protection is shown by a pictogram followed by a series of six performance levels, relating to specific protective qualities. Gloves must also achieve at least performance level 1 for abrasion and tear.

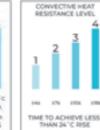
- Resistance to Flammability: Based on the length of time the material continues to burn and glow after the source of ignition is removed. The seams of the glove shall not come apart after an ignition time of 15 seconds.
- Contact Heat Resistance: Based on the temperature range (100-500°C) at which the user will feel no pain for at least 15 seconds. If level 3 or higher is obtained, the product shall record at least level 3 in the flammability test. Otherwise, the maximum contact heat level shall be reported as a level 2.
- Convective Heat Resistance: Based on the length of time the glove is able to delay the transfer of heat from a flame.
 A performance level shall only be mentioned if a performance level of 3 or 4 is obtained in the flammability test.

- Radiant Heat Resistance: Based on the length of time the glove is able to delay the transfer of heat when exposed to a radiant heat source. A performance level shall only be mentioned if a performance level of 3 or 4 is obtained in the flammability test.
- Resistance to Small Splashes of Molten Metal: The number of molten metal drops required to heat the glove sample to a given level. A performance level shall only be mentioned if a performance level 3 or 4 is obtained in the flammability test.
- Resistance to Large Splashes of Molten Metal: The weight of molten metal required to cause smoothing or pin-holing across a simulated skin placed directly behind the glove sample. The test is failed if metal droplets remain stuck to the glove material or if the specimen ignites.









BADIANT HEAT BESGTANCE LEVEL.

4

3

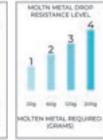
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Th. ASDR. 1600 1988

TIME TO ACHEVE LESS THAN 24°C DISE



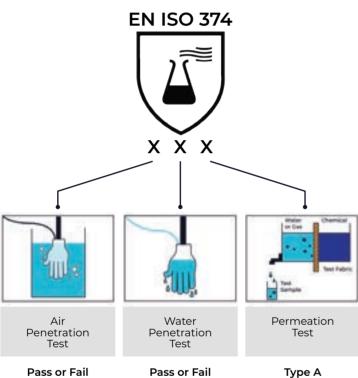




EN ISO 374:2016 – Protective Gloves Against Dangerous Chemicals and Micro-Organisms

This standard specifies air, water and chemical protection properties received from 3 testing procedures. These tests focus on both inward and outward leakage from air and water pressure, followed by chemical permeation test, designed to demonstrate how the glove will protect from liquids.

- The Air Leak Test: Glove is fully submerged in water and no leaks/bubbles should be visible. Bubbles represent potential leakage holes in the gloves surface. Simple pass or fail result should bubbles/leaks be visible.
- The Water Leak Test: The interior of the glove is filled with water at pressure to detect any visible droplets of water on the outside of the glove. Simple pass or fail should water be visible
- Chemical Permeation Test: The test is designed to demonstrate the gloves' ability to withstand a chosen set of chemicals applied to the surface of the glove. A time is measured against how long the glove will withstand the chemicals before breakthrough occurs. Ratings are given to each glove's performance depending on the quantity of chemicals, type of chemical and the time taken prior to breakthrough



Type A 30min against 6 chemicals.

Type B 30min against 3 chemicals.

Type C 10min against 1 chemical.

EN ISO 374:2016

This standard specifies the capability of gloves to protect the user against chemicals and/or micro-organisms through the following:

Penetration: chemicals can penetrate through holes and other defects in the glove material. To secure a glove to be approved as a chemical protection glove the glove shall not leak water or air when tested according to penetration, EN 374-2:2014.

Permeation: the chemicals break through the glove material at a molecular level. The breakthrough time is evaluated, and the glove must withstand a breakthrough time of at least one of the following:



30 minutes (level 2) against

minimum 6 test chemicals

Type A

EN ISO 374-1 Type A ABCDEF



EN ISO 374-1 Type B ABC



EN ISO 374-1 Type C

Type B 30 min

30 minutes (level 2) against minimum 3 test chemicals

Type C

10 minutes (level 1) against minimum 1 test chemical

EN ISO 374:2016 Chemical Table

The below chart demonstrates the list of chemicals used during EN ISO 374-1 and the attributing letter to the tested chemical

Code	Chemical	CAS Number	Class
Α	Methanol	67-56-1	Primary alcohol
В	Acetone	67-64-1	Ketone
С	Acetonitrile	75-05-8	Nitrile compound
D	Dichloromethane	75-09-2	Chlorinated paraffin
E	Carbone disulphide	75-15-0	Sulphur containing organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
Н	Tetrahydrofurane	109-99-9	Heterocyclic and Ether compound
I	Ethyl acetate	141-78-6	Ether
J	N-Heptane	142-85-5	Saturated Hydrocarbon
K	Sodium hydroxide 40%	1310-73-2	Inorganic base
L	Sulphuric acid 96%	7664-93-9	Inorganic mineral acid
М	Nitric acid 65%	7697-37-2	Inorganic mineral acid
N	Acetic acid 99%	64-19-7	Organic acid
0	Ammonium hydroxide 25%	1336-21-6	Organic base
Р	Hydrogen peroxide 30%	7722-84-1	Peroxide
S	Hydrofluoric acid 40%	7664-39-3	Inorganic mineral acid
Т	Formaldehyde 37%	50-00-0	Aldehyde



Disposable Gloves

Glove	Poly	СРЕ	Vinyl	TPE	Vinyl/ Nitrile	Latex	Nitrile
General Purpose			•	•	•	•	•
Food Prep	•	•	•	•	•	•	•
Cooking					•	•	•
Janitorial			•	•	•	•	•
Exam Grade Options						•	•
Industrial							•
Biodegradable Options	•						•
Latex Free	•	•	•	•	•		•

Selecting the Right Thickness

Disposable glove thickness is usually given in the unit mils, which is equal to one one-thousandth of an inch; therefore, a glove that is 10 mil, is 0.010 inches thick. A thicker gauge glove will provide more protection than a thinner glove of the same material, but often at the expense of touch-sensitivity and dexterity.

Double-gloving can be used to increase the total breakthrough time of a particular glove, but this increases hand fatigue and overheating and is recommended only for short-duration tasks.

Acceptable Quality Level

AQL (Acceptable Quality Level) is a quality standard that is recognized worldwide for measuring the quality of products, including disposable gloves. AQL is used to test the percentage of pinhole defects in disposable gloves through a water weight test. During the water testing process, batches of gloves are checked during manufacturing to see how watertight they are.

The most common AQL standards are 1.5 and 4.0. In industries or jobs where the risk of contact with harmful substances is greater, the AQL rating must be lower.

Disposable gloves with a lower AQL rating of 1.5 can safely be used by medical professionals, general pre-hospital, emergency and first aid use. For industrial and domestic jobs like cleaning, garages, dirty factory jobs - gloves with an AQL rating of 4.0 or higher is sufficient.

An AQL of 1.5 means that there are less than 1.5% defects in a batch of gloves (i.e. for a batch of 100 gloves there would be less than 1.5 gloves with defects in them).

Liner Gauge Explained

Lower gauge yarn

- Thicker yarn
- Thicker gloves
- Lower dexterity
- Higher cushioningLower tactile feel

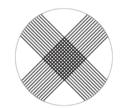
Higher gauge yarn

- Thinner yarn
- Lighter gloves
- Higher dexterity
- Lower cushioningHigh tactile feel

LOWER GAUGE	7	10	13	15	18	21		HIGHER GAUGE
HEAVIER WEIGHT					_	_	_	LIGHTER WEIGHT









10 gauge

13 gauge

15 gauge

18 gauge

A large percentage of WorkArma Cut Resistant Gloves are 18G







18 gauge glove





Types of Dip Coverage

Palm Dipped

Palm only protection from liquids Non-coated back of hand for increased breathability and heat regulation

¾ Dipped



- Extended liquid protection past the knuckles
- More breathability than full dipped

Full Dipped



- Full hand liquid protection
- Less breathability than ¾ dipped



 Provides full liquid protection

Double Dipped

- First layer of dip covers the entire hand providing liquid protection
- Second layer provides additional grip and abrasion resistance



WorkArma Dipped Glove Coatings

Glove Coating	Attributes	Material
Polyurethane (PU)	 Extremely flexible Cost effective (cheapest) Not overly durable Good dry grip Poor water and heat resistance High dexterity Limited breathability 	
Latex	 High grip and tear resistance Slight Increase in cut protection High water protection Poor chemical protection Flexible and durable Can trigger latex allergies 	
PVC	 Good chemical and liquid protection Not environmentally friendly Generally a costs based selection, which can compromise protection Low puncture protection High abrasion resistance 	
Flat Nitrile	 Oil resistant Durable and flexible Decreased grip when compared to nitrile foam Provides good protection from mild solvents 	
Foam Nitrilo	. High puncture and tear recistance	



- High puncture and tear resistance
- Good temperature protection
- Provides good protection from mild solvents
- Most popular choice of coating



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52 HAND PROTECTION

WORKARMA®



Glove Size Guide

To ensure you have the appropriate protection, it's important to wear the correct glove size. Measure the circumference of your palm, starting from the edge of your hand and around the crouch of your hand. Match this measurement with the closest in the below table to find your glove size.

Cuff Colour
Size
Hand Width

Brown	Red	Yellow	Blue	Black	Green
7 (Small)	8 (Medium)	9 (Large)	10 (XL)	11 (2XL)	12 (3XL)
178 mm	203 mm	229 mm	254 mm	279 mm	295 mm









WorkArma gloves are available from sizes 7 (Small) up to 12 (3XL) and are colour coded by cuff piping.



Selecting the Right Glove

Gloves, are like wearing armour, but you have to wear the right glove for the job:

Cotton Gloves are generally used for inspection and parts handling, warmth, or as an additional liner.



General Purpose Gloves are used in low risk areas like gardening.



Riggers Gloves or leather gloves are used for general fencing and/or rigging tasks.



Utility Dipped Gloves are used for all round general tasks where dexterity is required. These gloves incorporate a range of Palm dip materials providing additional benefits for everyday trade applications.



Cut Resistant Gloves have a cut resistant liner, which provides cut protection of varying levels for a number of applications including sheet metal handling.



Back of hand protection is used for protection against impact to the back of the hand in industries such as oil and gas.



Anti-Vibration Gloves have an additional layer of foam related material which is used to protect against HAVS (hand arm vibration syndrome) when using power tools.



Mechanical Gloves are a cut sewn glove manufactured from leather or synthetic materials which allow for increased fit, protection and comfort in industries such as Mechanical and Mining.



Welding Gloves are robust leather gloves used to protect hands from welding splash and heat injuries in fabrication and welding.



Disposable Gloves are tight fitting gloves generally used for protection against liquids and cross contamination in food handling. Heavy duty versions are used in mechanical applications.



Liquid Protection Gloves are worn in areas where your hands need to stay dry like Spill Control.



Chemical Resistant Gloves are designed to repel liquids that may contain harmful substances in industries such as chemical spraying/ decanting.



WXRKARMA*

54 HAND PROTECTION

Cut Resistant Gloves



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Product Name	Precision Mid	Barrier Mid	Repel Mid	Traction Mid	Traction Impact Mid
Certified to AS/NZS 2161.2:2020	•	•	•	•	•
Certified to AS/NZS 2161.3:2020	•	•	•	•	•
EN 388:2016 Rating	4X41B	3X42B	4X41B	4X42B	4X41BP
Cut Level	В	В	В	В	В
EN 407:2020 Rating	X1XXXX	X1XXXX		X1XXXX	XIXXXX
Back of Hand Certified					•
Liner Material	Nylon/HPPE/ Spandex/ Glass Fibre	HPPE/PE Spandex/ Glass Fibre	Nylon/HPPE/ Spandex/ Glass Fibre	Nylon/HPPE/ Spandex/ Glass Fibre	HPPE/Nylon Spandex/ Glass Fibre
Liner Gauge	18	18	18	18	18
Liner Colour	Green	Green	Green	Green	Green
Dip Material	Polyurethane	Crinkle Latex	Flat Nitrile	Sandy Foam Nitrile	Sandy Foam Nitrile
Dip Coverage	Palm	Palm	Palm	Palm	Palm
Dip Colour	Light Grey	Dark Grey	Black	Black	Black
Double Dipped					
Cuff Type	Elasticised	Elasticised	Elasticised	Elasticised	Hook & Loop
High Vis					
Thumb Crotch	•	•	•	•	•
Touchscreen Technology	•		•	•	•
Anti-Vibration Reinforced Palm					
Textured Fingers		•			
Size	7 - 12	7 - 12	7 - 11	7 - 12	7 - 12

Cut Resistant Gloves



Precision Hi Vis	Precision Hi	Barrier Hi	Repel Hi	Traction Hi	Twin Traction Hi
•	•	•	•	•	•
•	•	•	•	•	•
4X42D	4X42D	3X42D	3X42D	4X42D	4X42D
D	D	D	D	D	D
	X1XXXX	X1XXXX		XXXXX	XXXXX
Nylon/HPPE/ Spandex/ Steel Fibre	HPPE/Polyester/ Steel Fibre/ Spandex	HPPE/Nylon/Steel Fibre/Spandex	HPPE/Nylon/Steel Fibre/Spandex	HPPE/Polyester/ Steel Fibre/ Spandex	UHMWPE/Nylon/ Spandex
15	18	18	18	18	18
Hi Vis Yellow	Blue	Blue	Blue	Blue	Black
Polyurethane	Polyurethane	Crinkle Latex	Flat Nitrile	Foam Nitrile	Flat Nitrile/Foam Nitrile
Palm	Palm	Palm	Palm	Palm	Full
Grey	Light Grey	Dark Grey	Black	Black	Blue/Black
					•
Elasticised	Elasticised	Elasticised	Elasticised	Elasticised	Elasticised
•					
•	•	•	•	•	•
•	•		•	•	•
					•
		•			
7 - 11	7 - 12	7 - 12	7 - 12	7 - 12	7 - 11

W#RKARMA* 57 HAND PROTECTION: CUT RESISTANT GLOVES

Cut Resistant Gloves

Product Image

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Product Name	Traction Impact Hi	Traction Red Ultra	Precision Ultra	Barrier Ultra	Repel Ultra
Certified to AS/NZS 2161.2:2020	•	•	•	•	•
Certified to AS/NZS 2161.3:2020	•	•	•	•	•
EN 388:2016 Rating	4X42DP	4X42F	3X42F	3X43F	4X43F
Cut Level	D	F	F	F	F
EN 407:2020 Rating	X3XXXX			X1XXXX	
Back of Hand Certified	•				
Liner Material	Nylon/Spandex/ HPPE/Steel Fibre	Nylon/HPPE/ Spandex/ Steel Fibre	HPPE/Nylon/Steel Fibre/Spandex	Nylon/HPPE/ Spandex/ Steel Fibre	HPPE/Nylon/Steel Fibre/Spandex
Liner Gauge	18	15	18	18	18
Liner Colour	Blue	Red	Black	Black	Black
Dip Material	Sandy Foam Nitrile	Micro Foam Nitrile	Polyurethane	Crinkle Latex	Flat Nitrile
Dip Coverage	Palm	Palm	Palm	Palm	Palm
Dip Colour	Black	Black	Light Grey	Dark Grey	Black
Double Dipped					
Cuff Type	Hook & Loop	Elasticised	Elasticised	Elasticised	Elasticised
High Vis					
Thumb Crotch	•	•	•	•	•
Touchscreen Technology	•	•	•		•
Anti-Vibration Reinforced Palm	•				
Textured Fingers				•	
Size	7 - 11	7 - 12	7 - 12	7 - 12	7 - 11

Cut Resistant Gloves







OSFA

	Y	
Traction Ultra	Traction Impact Ultra	40cm Long Sleeve Ultra
•	•	•
•	•	•
4X42F	4X42FP	234XF
F	F	F
	X3XXXX	
	•	
HPPE/Nylon/Steel Fibre/Spandex	Nylon/HPPE/ Spandex/ Steel Fibre	Nylon/HPPE/ Spandex/ Steel Fibre
18	18	13
Black	Black	Black
Micro Foam Nitrile	Sandy Foam Nitrile	
Palm	Palm	
Black	Black	
Elasticised	Hook & Loop	Hook & Loop
•	•	
•	•	
	•	

HAND PROTECTION: CUT RESISTANT GLOVES

Precision Mid

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18BPS007C	7 (Small)	12 Pairs	120 Pairs
GS18BPS008C	8 (Medium)	12 Pairs	120 Pairs
GS18BPS009C	9 (Large)	12 Pairs	120 Pairs
GS18BPS010C	10 (XL)	12 Pairs	120 Pairs
GS18BPS011C	11 (2XL)	12 Pairs	120 Pairs
GS18BPS012C	12 (3XL)	12 Pairs	120 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global



XXXXXIX

EN 407:2020

 18 gauge green nylon/ HPPE/spandex/glass Reinforced thumb crotch for high wear protection fibre cut B liner Light grey polyurethane (PU) dipped palm

- Touchscreen technology • Available in sizes 7-12





Barrier Mid

Elasticised cuff

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18BLS007C	7 (Small)	12 Pairs	120 Pairs
GS18BLS008C	8 (Medium)	12 Pairs	120 Pairs
GS18BLS009C	9 (Large)	12 Pairs	120 Pairs
GS18BLS010C	10 (XL)	12 Pairs	120 Pairs
GS18BLS011C	11 (2XL)	12 Pairs	120 Pairs
GS18BLS012C	12 (3XL)	12 Pairs	120 Pairs





Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41348 SAI Global

- 18 gauge green HPPE/ PE/spandex/glass fibre cut B liner
- Dark grey crinkle latex dipped palm
- Elasticised cuff

XIXXXX

EN 407:2020

· Reinforced thumb crotch for high wear protection • Available in sizes 7-12









Repel Mid

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18BFS007C	7 (Small)	12 Pairs	120 Pairs
GS18BFS008C	8 (Medium)	12 Pairs	120 Pairs
GS18BFS009C	9 (Large)	12 Pairs	120 Pairs
GS18BFS010C	10 (XL)	12 Pairs	120 Pairs
GS18BFS011C	11 (2XL)	12 Pairs	120 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global

- 18 gauge green nylon/ HPPE/spandex/glass fibre cut B liner
- · Black flat nitrile dipped palm
- Elasticised cuff

4X41B

- · Reinforced thumb crotch for high wear protection
- · Touchscreen technology • Available in sizes 7-11





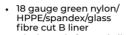


Traction Mid

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18BNS007C	7 (Small)	12 Pairs	120 Pairs
GS18BNS008C	8 (Medium)	12 Pairs	120 Pairs
GS18BNS009C	9 (Large)	12 Pairs	120 Pairs
GS18BNS010C	10 (XL)	12 Pairs	120 Pairs
GS18BNS011C	11 (2XL)	12 Pairs	120 Pairs
GS18BNS012C	12 (3XL)	12 Pairs	120 Pairs







- · Black sandy foam nitrile dipped palm
- · Elasticised cuff
- X1XXXX

EN 407:2020

- Reinforced thumb crotch for high wear protection Touchscreen technology
- Available in sizes 7-12











Traction Impact Mid

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18BNSB07C	7 (Small)	12 Pairs	60 Pairs
GS18BNSB08C	8 (Medium)	12 Pairs	60 Pairs
GS18BNSB09C	9 (Large)	12 Pairs	60 Pairs
GS18BNSB10C	10 (XL)	12 Pairs	60 Pairs
GS18BNSB11C	11 (2XL)	12 Pairs	60 Pairs
GS18BNSB12C	12 (3XL)	12 Pairs	60 Pairs









- 18 gauge green HPPE/ Nylon/spandex/glass fibre cut B liner
- Black sandy foam nitrile dipped palm Hook and loop closure
- X1XXXX

EN 407:2020

 Back of hand impact protection • Available in sizes 7-12









Precision Hi Vis

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS15DPS007C	7 (Small)	12 Pairs	120 Pairs
GS15DPS008C	8 (Medium)	12 Pairs	120 Pairs
GS15DPS009C	9 (Large)	12 Pairs	120 Pairs
GS15DPS010C	10 (XL)	12 Pairs	120 Pairs
GS15DPS011C	11 (2XL)	12 Pairs	120 Pairs



EN 388:2016



- 15 gauge nylon/HPPE/ spandex/steel fibre cut D liner
- Hi Vis yellow liner helps with visualisation of hand movements
- Grey polyurethane (PU) palm
- Elasticised cuff
- Available in sizes 7-11













Precision Hi

SIZE	BUNDLE QTY	CARTON QTY
7 (Small)	12 Pairs	120 Pairs
8 (Medium)	12 Pairs	120 Pairs
9 (Large)	12 Pairs	120 Pairs
10 (XL)	12 Pairs	120 Pairs
11 (2XL)	12 Pairs	120 Pairs
12 (3XL)	12 Pairs	120 Pairs
	7 (Small) 8 (Medium) 9 (Large) 10 (XL) 11 (2XL)	7 (Small) 12 Pairs 8 (Medium) 12 Pairs 9 (Large) 12 Pairs 10 (XL) 12 Pairs 11 (2XL) 12 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41348 SAI Global



4X42D



- Light grey polyurethane (PU) dipped palm
- EN 407:2020 X1XXXX

Reinforced thumb crotch for high wear protection









Cut Resistant High Grade D Dexterity Resistant Thumb Crotch

Traction Hi

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18DNS007C	7 (Small)	12 Pairs	120 Pairs
GS18DNS008C	8 (Medium)	12 Pairs	120 Pairs
GS18DNS009C	9 (Large)	12 Pairs	120 Pairs
GS18DNS010C	10 (XL)	12 Pairs	120 Pairs
GS18DNS011C	11 (2XL)	12 Pairs	120 Pairs
GS18DNS012C	12 (3XL)	12 Pairs	120 Pairs



dipped palm

Elasticised cuff







- 18 gauge blue HPPE/ polyester/ steel fibre/ spandex cut D liner Reinforced thumb crotch for high wear protection Touchscreen technology Black foam nitrile
 - Available in sizes 7-12









18 gauge blue HPPE/ polyester/steel fibre/ spandex cut D liner

- Elasticised cuff
- Touchscreen technology • Available in sizes 7-12

Barrier Hi

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18DLS007C	7 (Small)	12 Pairs	120 Pairs
GS18DLS008C	8 (Medium)	12 Pairs	120 Pairs
GS18DLS009C	9 (Large)	12 Pairs	120 Pairs
GS18DLS010C	10 (XL)	12 Pairs	120 Pairs
GS18DLS011C	11 (2XL)	12 Pairs	120 Pairs
GS18DLS012C	12 (3XL)	12 Pairs	120 Pairs

X1XXXX



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global

18 gauge blue HPPE/ nylon/ steel fibre/

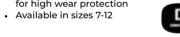
spandex cut D liner

 Dark grey crinkle latex dipped palm Elasticised cuff



















Repel Hi

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18DFS007C	7 (Small)	12 Pairs	120 Pairs
GS18DFS008C	8 (Medium)	12 Pairs	120 Pairs
GS18DFS009C	9 (Large)	12 Pairs	120 Pairs
GS18DFS010C	10 (XL)	12 Pairs	120 Pairs
GS18DFS011C	11 (2XL)	12 Pairs	120 Pairs
GS18DFS012C	12 (3XL)	12 Pairs	120 Pairs



3X42D

- Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global
- 18 gauge blue HPPE/ nylon/steel fibre/spandex cut D liner Black flat nitrile
- dipped palm Elasticised cuff
- Reinforced thumb crotch for high wear protection Touchscreen technology
- Available in sizes 7-12





















Touchscreen compatible for use with mobile devices

Reinforced thumb crotch adds an additional layer for high wear areas

Light grey polyurethane (PU) dipped palm

Piping (size colour coded)

> Heat transfer label detailing glove performance, size and certification

18 gauge black HPPE/nylon/steel fibre/spandex cut F liner offers high cut protection and dexterity

HAND PROTECTION: CUT RESISTANT GLOVES

Knitted cuff

Twin Traction Hi

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18DFD007C	7 (Small)	12 Pairs	120 Pairs
GS18DFD008C	8 (Medium)	12 Pairs	120 Pairs
GS18DFD009C	9 (Large)	12 Pairs	120 Pairs
GS18DFD010C	10 (XL)	12 Pairs	120 Pairs
GS18DFD011C	11 (2XL)	12 Pairs	120 Pairs











- 18 gauge black UHMWPE/nylon/ spandex/cut D liner
- Blue flat nitrile/black foam nitrile double dipped
- Elasticised cuff
- Reinforced thumb crotch for high wear protection
- Touchscreen technology • Available in sizes 7-11









Traction Impact Hi

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18DNSB07C	7 (Small)	12 Pairs	60 Pairs
GS18DNSB08C	8 (Medium)	12 Pairs	60 Pairs
GS18DNSB09C	9 (Large)	12 Pairs	60 Pairs
GS18DNSB10C	10 (XL)	12 Pairs	60 Pairs
GS18DNSB11C	11 (2XL)	12 Pairs	60 Pairs



WERKARMA

PRECISION ULTRA-CUT F









- protection 18 gauge blue HPPE/ nylon/ steel fibre/ spandex cut D liner
- Black sandy foam nitrile
- dipped palm
- Elasticised cuff
- Reinforced thumb crotch for high wear protection Anti vibration
- reinforced palm









Traction Red Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON QT
GS15FNS007C	7 (Small)	12 Pairs	120 Pairs
GS15FNS008C	8 (Medium)	12 Pairs	120 Pairs
GS15FNS009C	9 (Large)	12 Pairs	120 Pairs
GS15FNS010C	10 (XL)	12 Pairs	120 Pairs
GS15FNS011C	11 (2XL)	12 Pairs	120 Pairs
GS15FNS012C	12 (3XL)	12 Pairs	120 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global





- 15 gauge red nylon/ HPPE/spandex/steel fibre cut F liner
- Black micro foam nitrile dipped palm
- Elasticised cuff
- · Reinforced thumb crotch for high wear protection Touchscreen technology
- Available in sizes 7 12











Precision Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18FPS007C	7 (Small)	12 Pairs	120 Pairs
GS18FPS008C	8 (Medium)	12 Pairs	120 Pairs
GS18FPS009C	9 (Large)	12 Pairs	120 Pairs
GS18FPS010C	10 (XL)	12 Pairs	120 Pairs
GS18FPS011C	11 (2XL)	12 Pairs	120 Pairs
GS18FPS012C	12 (3XL)	12 Pairs	120 Pairs





- 18 gauge black HPPE/ nylon/ steel fibre/ spandex cut F liner
- Light grey polyurethane (PU) dipped palm
- Elasticised cuff
- - Reinforced thumb crotch for high wear protection
 - Touchscreen technology • Available in sizes 7-12









Barrier Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18FLS007C	7 (Small)	12 Pairs	120 Pairs
GS18FLS008C	8 (Medium)	12 Pairs	120 Pairs
GS18FLS009C	9 (Large)	12 Pairs	120 Pairs
GS18FLS010C	10 (XL)	12 Pairs	120 Pairs
GS18FLS011C	11 (2XL)	12 Pairs	120 Pairs
GS18FLS012C	12 (3XL)	12 Pairs	120 Pairs









- 18 gauge black nylon/ HPPE/ spandex/steel fibre cut F liner
 Dark grey crinkle latex dipped palm
- Elasticised cuff
- Available in sizes 7-12











Repel Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18FFS007C	7 (Small)	12 Pairs	120 Pairs
GS18FFS008C	8 (Medium)	12 Pairs	120 Pairs
GS18FFS009C	9 (Large)	12 Pairs	120 Pairs
GS18FFS010C	10 (XL)	12 Pairs	120 Pairs
GS18FFS011C	11 (2XL)	12 Pairs	120 Pairs







- 18 gauge black HPPE/ nylon/steel fibre/spandex cut F liner
- Black flat nitrile dipped palm Elasticised cuff
- · Reinforced thumb crotch for high wear protection
- Touchscreen technologyAvailable in sizes 7-11









Traction Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON Q
GS18FNS007C	7 (Small)	12 Pairs	120 Pairs
GS18FNS008C	8 (Medium)	12 Pairs	120 Pairs
GS18FNS009C	9 (Large)	12 Pairs	120 Pairs
GS18FNS010C	10 (XL)	12 Pairs	120 Pairs
GS18FNS011C	11 (2XL)	12 Pairs	120 Pairs
GS18FNS012C	12 (3XL)	12 Pairs	120 Pairs







Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global

- 18 gauge black HPPE/ nylon/steel fibre/spandex cut F liner · Black micro foam nitrile
- dipped palm Elasticised cuff

Reinforced thumb crotch for high wear protection

- Touchscreen technology
- Available in sizes 7-12













Traction Impact Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS18FNSB07C	7 (Small)	12 Pairs	60 Pairs
GS18FNSB08C	8 (Medium)	12 Pairs	60 Pairs
GS18FNSB09C	9 (Large)	12 Pairs	60 Pairs
GS18FNSB10C	10 (XL)	12 Pairs	60 Pairs
GS18FNSB11C	11 (2XL)	12 Pairs	60 Pairs
GS18FNSB12C	12 (3XL)	12 Pairs	60 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global



X3XXXX

EN 407:2020

 18 gauge black nylon/ HPPE/spandex/steel fibre cut F liner wrist closure

- Black sandy foam nitrile dipped palm
- Hook and loop





Reinforced thumb crotch for high wear protection Anti vibration reinforced palm

Available in sizes 7-12

Fortress

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GMEDSHB0MDC	Medium	5 Pairs	50 Pairs
GMEDSHB0LGC	Large	5 Pairs	50 Pairs
GMEDSHB0XLC	XL	5 Pairs	50 Pairs
GMEDSHB02XC	2XL	5 Pairs	50 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41342 SAI Global





- Aramid + fibre glass liner certified to Cut Level F
- Reinforced EVA padded palm for durability and
- anti vibration
- Polyester back with added TPR impact protection
 - Reinforced thumb crotch • Touchscreen technology











Tuff Rig Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GRCFKFB0SMC	Small	12 Pairs	120 Pairs
GRCFKFB0MDC	Medium	12 Pairs	120 Pairs
GRCFKFB0LGC	Large	12 Pairs	120 Pairs
GRCFKFB0XLC	XL	12 Pairs	120 Pairs
GRCFKFB02XC	2XL	12 Pairs	120 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41339 SAI Global



- Ultimate cut level F
- Aramid fibre lining and stitching
- Premium "A" grade cow leather
- · Elastic wrist for

- improved fit
- Double stitching across wear seams
- Supple yet durable leather for increased comfort and durability

















40cm Long Sleeve Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GA13F00L092	OSFA	6 Pairs	60 Pairs





- 13 gauge nylon/HPPE/ spandex/steel fibre cut F liner
- · Hook and loop closure
- 40cm long for extended protection
- OSFA













W#RKARMA 69 68 HAND PROTECTION: CUT RESISTANT GLOVES

Utility Dipped Gloves

Product Image

HAND PROTECTION: UTILITY DIPPED GLOVES



Product Name	Precision	Barrier Plus	Repel Plus
Certified to AS/NZS 2161.2:2020	•	•	•
Certified to AS/NZS 2161.3:2020	•	•	•
EN 388:2016 Rating	3131X	3X41A	4X21A
Cut Level		А	А
Liner Material	Nylon	Nylon	Nylon
Liner Gauge	15	15	15
Liner Colour	Grey	Grey	Grey
Dip Material	Polyurethane	Crinkle Latex	Flat Nitrile
Dip Coverage	Palm	Palm	Palm
Dip Colour	Light Grey	Dark Grey	Black
Cuff Type	Elasticised	Elasticised	Elasticised
Thumb Crotch	•	•	•
Touchscreen Technology	•		•
Textured Fingers		•	
Size	7 - 11	7 - 11	7 - 11

Utility Dipped Gloves







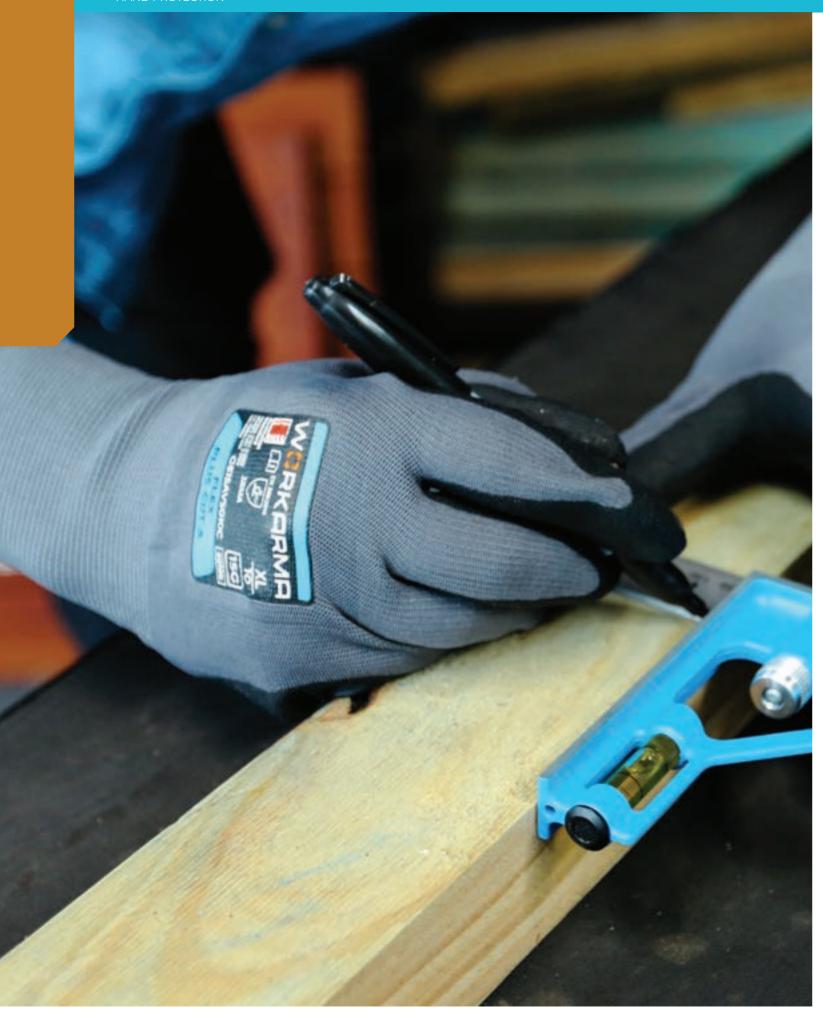






Traction Plus	Traction ¾ Plus	Flex Plus	Taskmaster ¾ Dip	Taskmaster Full Dip	Taskmaster Safety Cuff
•	•	•	•	•	•
•	•	•	•	•	•
4X31A	4X31A	3X41A	4X11A	4X11A	4X11A
А	А	А	А	А	А
Nylon/Spandex	Nylon/Spandex	Nylon	Jersey Cotton	Jersey Cotton	Jersey Cotton
15	15	15			
Grey	Grey	Grey	White	White	White
Foam Nitrile	Foam Nitrile	PVC	Flat Nitrile	Flat Nitrile	Flat Nitrile
Palm	3/4	Palm	3/4	Full	Full
Black	Black	Black	Blue	Blue	Blue
Elasticised	Elasticised	Elasticised	Knitted	Knitted	Safety
•	•				
•	•				
7 - 11	7 - 11	7 - 11	8 - 10	7 - 11	7 - 11





Precision

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS15APS007C	7 (Small)	12 Pairs	120 Pairs
GS15APS008C	8 (Medium)	12 Pairs	120 Pairs
GS15APS009C	9 (Large)	12 Pairs	120 Pairs
GS15APS010C	10 (XL)	12 Pairs	120 Pairs
GS15APS011C	11 (2XL)	12 Pairs	120 Pairs



EN 388:2016



- 15 gauge grey nylon liner Touchscreen technology
- Light grey polyurethane (PU) dipped palm Elasticised cuff
- Reinforced thumb crotch for high wear protection
- Available in sizes 7-11









Barrier Plus

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS15ALS007C	7 (Small)	12 Pairs	120 Pairs
GS15ALS008C	8 (Medium)	12 Pairs	120 Pairs
GS15ALS009C	9 (Large)	12 Pairs	120 Pairs
GS15ALS010C	10 (XL)	12 Pairs	120 Pairs
GS15ALS011C	11 (2XL)	12 Pairs	120 Pairs





- 15 gauge grey nylon cut A liner
 Dark grey crinkle latex dipped palm
- Elasticised cuff
- Reinforced thumb crotch for high wear protection
- Available in sizes 7-11













Repel Plus

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS15AFS007C	7 (Small)	12 Pairs	120 Pairs
GS15AFS008C	8 (Medium)	12 Pairs	120 Pairs
GS15AFS009C	9 (Large)	12 Pairs	120 Pairs
GS15AFS010C	10 (XL)	12 Pairs	120 Pairs
GS15AFS011C	11 (2XL)	12 Pairs	120 Pairs





Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global

- 15 gauge grey nylon cut A liner
 Black flat nitrile dipped palm
- Elasticised cuff
- Reinforced thumb crotch for high wear protection
 - Touchscreen technology • Available in sizes 7-11













Traction Plus

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS15ANS007C	7 (Small)	12 Pairs	120 Pairs
GS15ANS008C	8 (Medium)	12 Pairs	120 Pairs
GS15ANS009C	15ANS009C 9 (Large)		120 Pairs
GS15ANS010C	10 (XL)	12 Pairs	120 Pairs
GS15ANS011C	11 (2XL)	12 Pairs	120 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global

- 15 gauge grey nylon/ spandex cut A liner
- Black foam nitrile dipped palm
 • Elasticised cuff
- Reinforced thumb crotch for high wear protection Touchscreen technology
- Available in sizes 7-11











Traction ¾ Plus

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS15ANT007C	7 (Small)	12 Pairs	120 Pairs
GS15ANT008C	8 (Medium)	12 Pairs	120 Pairs
GS15ANT009C	9 (Large)	12 Pairs	120 Pairs
GS15ANT010C	10 (XL)	12 Pairs	120 Pairs
GS15ANT011C	11 (2XL)	12 Pairs	120 Pairs





- 15 gauge grey nylon/ spandex cut A liner
- Black foam nitrile 3/4 dip to help protect larger portion of hand



- Reinforced thumb crotch for high wear protection
- Touchscreen technology
- Available in sizes 7-11









Flex Plus

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GS15AVS007C	7 (Small)	12 Pairs	120 Pairs
GS15AVS008C	8 (Medium)	12 Pairs	120 Pairs
GS15AVS009C	9 (Large)	12 Pairs	120 Pairs
GS15AVS010C	10 (XL)	12 Pairs	120 Pairs
GS15AVS011C	11 (2XL)	12 Pairs	120 Pairs



3X41A

- Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global
- 15 gauge nylon cut A liner
- Black PVC dipped palm
- Elasticised cuff
- Available in sizes 7-11















Taskmaster ¾ Dip

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GSCCAFTK08C	8 (Medium)	12 Pairs	120 Pairs
GSCCAFTK09C	9 (Large)	12 Pairs	120 Pairs
GSCCAFTK10C	10 (XL)	12 Pairs	120 Pairs







- Blue flat nitrile ¾ dip
- Knitted cuff
- Available sizes 8-10













Taskmaster Full Dip

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GSCCAFFK07C	7 (Small)	12 Pairs	120 Pairs
GSCCAFFK08C	8 (Medium)	12 Pairs	120 Pairs
GSCCAFFK09C	9 (Large)	12 Pairs	120 Pairs
GSCCAFFK10C	10 (XL)	12 Pairs	120 Pairs
GSCCAFFK11C	11 (2XL)	12 Pairs	120 Pairs

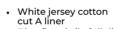




Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41444 SAI Global







- Blue flat nitrile full dipKnitted cuff
- Available sizes 7-11















Taskmaster Safety Cuff

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GSCCAFFS07C	7 (Small)	12 Pairs	120 Pairs
GSCCAFFS08C	8 (Medium)	12 Pairs	120 Pairs
GSCCAFFS09C	9 (Large)	12 Pairs	120 Pairs
GSCCAFFS10C	10 (XL)	12 Pairs	120 Pairs
GSCCAFFS11C	11 (2XL)	12 Pairs	120 Pairs



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- White jersey cotton cut A liner
- Blue flat nitrile full dip
- Gauntlet cuff
- Available sizes 7-11















Mechanics Gloves

Product Image

HAND PROTECTION: MECHANICS GLOVES



Product Name	Quick Fit	Fingerless	Boxer Elite
Certified to AS/NZS 2161.2:2020	•	•	•
Certified to AS/NZS 2161.3:2020	•	•	•
EN 388:2016 Rating	2121X	2121X	2121X
Cut Level	1	1	1
EN 407:2020 Rating			
Back of Hand Certified			
Liner Material			
Palm Material	Synthetic Leather	Synthetic Leather	Synthetic Leather
Back of Hand Material	Polyester	Polyester	Polyester
Cuff Type	Elasticised	Hook & Loop	Hook & Loop
Neoprene Cuff		•	•
High Vis	•		
Thumb Crotch		•	•
Touchscreen Technology	•		•
Reinforced Palm		•	•
Anti-Vibration		•	•
Textured Fingers			
Double Stitched			
Grip Dots			
Fingerless		•	
Reflective Tape	•		
Donning Pull Tab	•		
Sizes	M - 2XL	M - 2XL	M - 2XL





Rugged Fit	Soft Touch	Sure Grip	Anti Vibe	Fortress
•	•	•	•	•
•	•	•	•	•
2131X	3121X	0010X	3121XP	2322FP
1	1		1	F
X1XXXX			X1XXXX	
			•	•
				Aramid & Fibre Glass
Cow Leather	Goat Leather	Cotton	Goat Leather	Synthetic Leather

				Fibre Glass
Cow Leather	Goat Leather	Cotton	Goat Leather	Synthetic Leather
Polyester	Cotton	Polyester	Polyester	Polyester
Hook & Loop	Hook & Loop	Hook & Loop	Hook & Loop	Hook & Loop
•		•	•	•
		-		•
		•		•
				•
			•	•
			•	•
		•		
			•	•
		•		
M - 2XL	M - 2XL	M - 2XL	M - 2XL	M - 2XL



Quick Fit

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GMEDSH00MDC	Medium	10 Pairs	50 Pairs
GMEDSH00LGC	Large	10 Pairs	50 Pairs
GMEDSH00XLC	XL	10 Pairs	50 Pairs
GMEDSH002XC	2XL	10 Pairs	50 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41342 SAI Global

- Premium synthetic leather palm
- Polyester back of hand
- Elastic wrist for improved fit
- · Hi Vis yellow for
- better visibility
 - Touchscreen technology · Reflective tape for
 - night time visibility
 Pull tab for ease









Fingerless

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GME0SK0FMDC	Medium	10 Pairs	50 Pairs
GME0SK0FLGC	Large	10 Pairs	50 Pairs
GME0SK0FXLC	XL	10 Pairs	50 Pairs
GME0SK0F2XC	2XL	10 Pairs	50 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41342 SAI Global

- Premium synthetic leather palm
- · Polyester back of hand
- Hook and loop wrist closure
- · Neoprene cuff
- 2121X



- · Thumb crotch for durability
 - EVA foam padding to palm protects against vibration

HAND PROTECTION: MECHANICS GLOVES











PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GME0SK00MDC	Medium	10 Pairs	50 Pairs
GME0SK00LGC	Large	10 Pairs	50 Pairs
GME0SK00XLC	XL	10 Pairs	50 Pairs
GME0SK002XC	2XL	10 Pairs	50 Pairs





EN 388:2016

- Premium synthetic leather palm
- Polyester back of hand
- Hook and loop wrist closure
- Neoprene cuff
- Thumb crotch for durability
- Touchscreen technology
- EVA foam padding to palm protects against vibration









Synthetic Leather Breathable Reinforced Palm Closure

Rugged Fit

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GME0DH00MDC	Medium	10 Pairs	50 Pairs
GME0DH00LGC	Large	10 Pairs	50 Pairs
GME0DH00XLC	XL	10 Pairs	50 Pairs
GME0DH002XC	2XL	10 Pairs	50 Pairs







- Premium cow leather palm
- · Polyester back of hand Hook and loop
- wrist closure





- · Neoprene cuff
- Available in sizes M 2XL













Soft Touch

PART NUMBER	SIZE	BUNDLE QTY	CARTON QT
GME0GR00MDC	Medium	10 Pairs	100 Pairs
GME0GR00LGC	Large	10 Pairs	100 Pairs
GME0GR00XLC	XL	10 Pairs	100 Pairs
GME0GR002XC	2XL	10 Pairs	100 Pairs







- Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41342 SAI Global Soft goat leather palmCotton back of hand
- for breathability and comfort · Hook and loop
- Elastic wrist for improved fit • Available in sizes M – 2XL
- wrist closure









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Sure Grip

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GMS0SK0SMDC	Medium	10 Pairs	50 Pairs
GMS0SK0SLGC	Large	10 Pairs	50 Pairs
GMS0SK0SXLC	XL	10 Pairs	50 Pairs
GMS0SK0S2XC	2XL	10 Pairs	50 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41342 SAI Global

Cotton palm for breathability

- and comfort
- Polyester back of hand
- Hook and loop wrist closure



- · Neoprene cuff
- Thumb crotch for durability
- PVC dots on palm for enhanced grip
- Available in sizes M 2XL











EN 407:2020

X1XXXX

Anti Vibe

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GME0GKBAMDC	Medium	5 Pairs	50 Pairs
GME0GKBALGC	Large	5 Pairs	50 Pairs
GME0GKBAXLC	XL	5 Pairs	50 Pairs
GME0GKBA2XC	2XL	5 Pairs	50 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41342 SAI Global



- Premium goat leather
- palm with padding for vibration reduction Polyester back with added TPR



Hook and loop wrist closure

- Neoprene cuff
- Double stitching for durability
- Available in sizes M 2XL













Fortress

-				
	PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
	GMEDSHB0MDC	Medium	5 Pairs	50 Pairs
	GMEDSHB0LGC	Large	5 Pairs	50 Pairs
	GMEDSHB0XLC	XL	5 Pairs	50 Pairs
	GMEDSHB02XC	2XI	5 Pairs	50 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41342 SAI Global

- · Certified back of
- hand protection Aramid + fibre glass liner certified to Cut Level F Reinforced EVA padded palm for durability and
- 2322FP
- anti vibration
- Polyester back with added TPR impact protection
- Reinforced thumb crotch • Touchscreen technology















General Purpose Gloves

Product Image



Product Name Heavy Duty Chrome Leather Candy Cotton Mid Cotton Back Certified to AS/NZS 2161.2:2020 • • • EN 388:2016 Rating 4143X 4X33B 4144 Cut Level 1 B 1 Liner Material Chrome Leather Cow Split Leather Cow Leather Colour Chrome Candy Cotton Yellow/Black Split Back Material Cotton Cuff Type Safety Safety Safety Reinforced Palm • • • Double Stitched • • • Size L XL L-XL				
Certified to AS/NZS 2161.3:2020 EN 388:2016 Rating 4143X 4X33B 4144 Cut Level 1 B 1 Liner Material Chrome Leather Cow Split Leather Cow Leather Colour Chrome Candy Cotton Yellow/Black Split Back Material Cotton Cuff Type Safety Safety Safety Safety Double Stitched	Product Name	Heavy Duty Chrome Leather	Candy Cotton Mid	Cotton Back
EN 388:2016 Rating 4143X 4X33B 4144 Cut Level 1 B 1 Liner Material Chrome Leather Cow Split Leather Cow Leather Colour Chrome Candy Cotton Yellow/Black Split Back Material Cotton Cuff Type Safety Safety Safety Painforced Palm Double Stitched	Certified to AS/NZS 2161.2:2020	•	•	•
Cut Level 1 B 1 Liner Material Felt Material Chrome Leather Cow Split Leather Cow Leather Colour Chrome Candy Cotton Yellow/Black Split Back Material Cotton Cuff Type Safety Safety Safety Reinforced Palm Double Stitched	Certified to AS/NZS 2161.3:2020	•	•	•
Liner Material Chrome Leather Cow Split Leather Cow Leather Colour Chrome Candy Cotton Yellow/Black Split Back Material Cotton Cuff Type Safety Safety Safety Reinforced Palm Double Stitched	EN 388:2016 Rating	4143X	4X33B	4144
Material Chrome Leather Cow Split Leather Cow Leather Colour Chrome Candy Cotton Yellow/Black Split Back Material Cotton Cuff Type Safety Safety Safety Reinforced Palm • • • • Double Stitched • • • •	Cut Level	1	В	1
Colour Chrome Candy Cotton Yellow/Black Split Back Material Cotton Cuff Type Safety Safety Safety Reinforced Palm Double Stitched Chrome Candy Cotton Yellow/Black Safety Safety Safety • • •	Liner Material			Felt
Split Back Material Cotton Cuff Type Safety Safety Safety Reinforced Palm Double Stitched Cotton Cotton Facility Safety Double Stitched Cotton Facility Safety Facilit	Material	Chrome Leather	Cow Split Leather	Cow Leather
Cuff Type Safety Safety Safety Reinforced Palm Double Stitched Safety Safety • •	Colour	Chrome	Candy Cotton	Yellow/Black
Reinforced Palm Double Stitched • • •	Split Back Material			Cotton
Double Stitched • •	Cuff Type	Safety	Safety	Safety
	Reinforced Palm		•	
Size L XL L-XL	Double Stitched	•	•	•
	Size	L	XL	L - XL

Heavy Duty Chrome Leather

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GRHF00H0LGC	Large	12 Pairs	120 Pairs



- Premium chrome leather construction
- Safety cuff Double stitching across wear seams offer strength
- Supple yet durable leather for increased
- comfort and durability

 Available in size L









Candy Cotton Mid

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GRHPCAS0XLC	XL	12 Pairs	60 Pairs







- Natural cow split leather Candy stripe cotton back for breathability
- Gauntlet cuff
- - · Reinforced palm, pointer finger and thumb for long lifespan
 - Available in size XL













Cotton Back

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GRCS00YCLGC	Large	12 Pairs	120 Pairs
GRCS00YC2XC	2XI	12 Pairs	120 Pairs





- Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41341 SAI Global Premium "A" grade cow leather palm
- Felt liner for added comfort
- Cotton back for breathability
- Reinforced knuckle bar adds additional protection
 Double stitching
- across wear seams offer extra strength















Riggers Gloves

Product Image



Product Name	Split Back Leather	Tuff Rig Premium	Tuff Rig Ultra
Certified to AS/NZS 2161.2:2020	•	•	•
Certified to AS/NZS 2161.3:2020	•	•	•
EN 388:2016 Rating	4144	2132	2533F
Cut Level	1	1	F
Liner Material			Aramid Fibre
Material	Cow Leather	Cow Leather	Cow Leather
Colour	Natural/Grey	Natural	Natural/Beige
Split Back Material	Leather		
Cuff Type	Elasticised	Elasticised	Elasticised
Double Stitched	•	•	•
Sizes	S - 2XL	S - 2XL	S - 2XL

Split Back Leather

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GRCS00N0SMC	Small	12 Pairs	120 Pairs
GRCS00N0MDC	Medium	12 Pairs	120 Pairs
GRCS00N0LGC	Large	12 Pairs	120 Pairs
GRCS00N0XLC	XL	12 Pairs	120 Pairs
GRCS00N02XC	2XL	12 Pairs	120 Pairs





- Premium "A" grade cow leather
- Leather split back Elastic wrist for improved fit
- Double stitched
- Supple yet durable leather for increased
- comfort and durability

 Available in sizes S 2XL













Tuff Rig Premium

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5
S
S
S
S
S









- Elastic wrist for improved fit
- Double stitched
- - Supple yet durable leather for increased comfort and durability
 - Available in sizes S 2XL









Tuff Rig Ultra

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GRCFKFB0SMC	Small	12 Pairs	120 Pairs
GRCFKFB0MDC	Medium	12 Pairs	120 Pairs
GRCFKFB0LGC	Large	12 Pairs	120 Pairs
GRCFKFB0XLC	XL	12 Pairs	120 Pairs
GRCFKFB02XC	2XL	12 Pairs	120 Pairs



EN 388:2016 2533F



- Ultimate cut level F
 Aramid fibre lining and stitching
- Premium "A" grade cow leather
- · Elastic wrist for

- improved fit

 Double stitching across wear seams
- Supple yet durable leather for increased comfort and durability

















Chemical Resistant Gloves

Product Image





Product Name	PVC Single Dip 27cm	PVC Single Dip 45cm
Certified to AS/NZS 2161.2:2020	•	•
Certified to AS/NZS 2161.3:2020	•	•
EN 388:2016 Rating	4131	4131
Cut Level	1	1
EN 374-1:2016 Rating		
Liner Material	Interlock Cotton	Interlock Cotton
Glove Material	PVC	PVC
Glove Material Colour	PVC Red	PVC Red
516.16.1.18.16.16.1		. 10
Colour	Red	Red
Colour Glove Length	Red	Red
Colour Glove Length Double Dipped	Red	Red





PVC Single Dip 27cm

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GCPSR271LG2	Large	6 Pairs	120 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41346 SAI Global

- Single dipped Red PVC 27cm glove
- Light cotton interlocked liner for increased comfort and sweat absorption
- Protects against low levels of oil and grease
- Available in size L











PVC Single Dip 45cm

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GCPSR451LG2	Large	6 Pairs	72 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41346 SAI Global

- Single dipped Red PVC 45cm glove
- Light cotton interlocked liner for increased comfort and sweat absorption
- Protects against low levels of oil and grease

Available in size L











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Latex Flock

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GCLSY300SM2	Small	6 Pairs	120 Pairs
GCLSY300MD2	Medium	6 Pairs	120 Pairs
GCLSY300LG2	Large	6 Pairs	120 Pairs
GCLSY300XL2	XL	6 Pairs	120 Pairs



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- Latex 30cm yellow glove Soft flocked lining offers
- superior comfort
- Rolled cuff for ease of donning and doffing
- · Diamond textured palm and fingers for increased grip
- Protects against low levels of oil and grease
- Machine washable











PVC Double Dip 27cm

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GCPDG271LG2	Large	6 Pairs	120 Pairs
GCPDG271XL2	XL	6 Pairs	120 Pairs



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- Complies to
 EN ISO 374-1:2016 Protective Gloves Against
 Dangerous Chemicals
 and Micro-Organisms increased comfort and
- Double dipped green PVC 27cm glove
- · Light cotton

EN ISO 374-1/ TYPE C

sweat absorption Sandy grip textured palm for increased grip

interlocked liner for











PVC Double Dip 45cm

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GCPDG451LG2	Large	6 Pairs	72 Pairs
GCPDG451XL2	XL	6 Pairs	72 Pairs



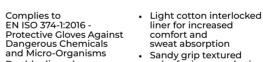
Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41346 SAI Global

• Complies to EN ISO 374-1:2016 -

Double dipped green PVC 45cm glove







Sandy grip textured palm for increased grip









Premium Nitrile

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GCNSG331MD2	Medium	12 Pairs	120 Pairs
GCNSG331LG2	Large	12 Pairs	120 Pairs
GCNSG331XL2	XL	12 Pairs	120 Pairs
GCNSG3312X2	2XI	12 Pairs	120 Pairs





- Dexterous nitrile glove for high chemical protection
- 33cm in length providing additional arm protection
- · Diamond textured high grip palm
- Protects against known chemicals Methanol, n-Heptane, Sodium Hydroxide 40% and Sulphuric Acid 96%











HAND PROTECTION: CHEMICAL RESISTANT GLOVES W#RKARMA

Disposable Gloves

Product Image





Product Name	Nitrile Powder Free Natural	Nitrile Powder Free Blue
Certified to EN ISO 374-1:2016+ A1:2018/Type B	•	•
Certified to EN ISO 374-5:2016	•	•
AQL 1.5 (Acceptable Quality Limit)	•	•
Material	Nitrile	Nitrile
Colour	Natural	Blue
Powdered		
Textured Fingers	•	•
Latex Protein Free	•	•
Ambidextrous	•	•
Sizes	S - XL	S - XL

Disposable Gloves







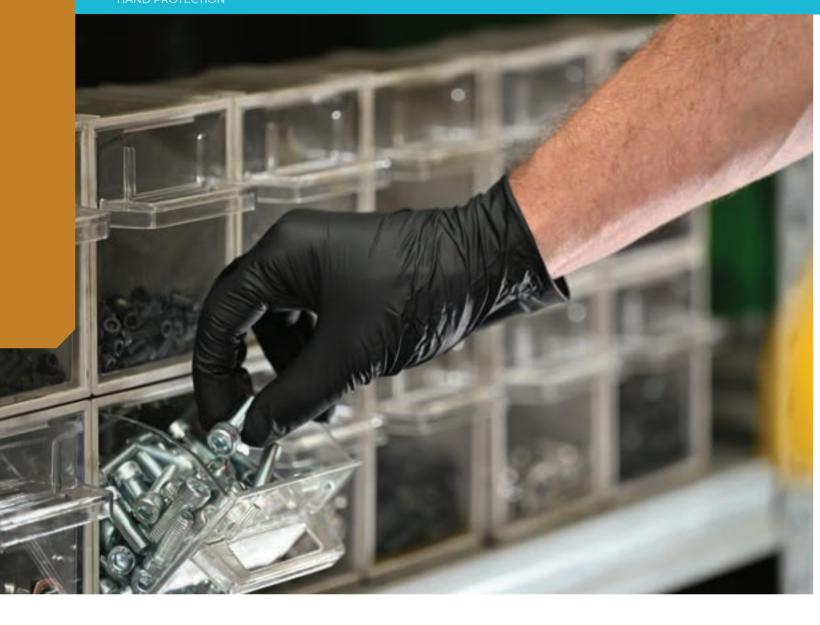




Late Free	ex Powder e Natural	Vinyl Powdered	Vinyl Powder Free Natural	Vinyl Powder Free Blue	Heavy Duty Nitrile
	•	•	•	•	•
	•	•	•	•	•
	•	•	•	•	•
	Latex	Vinyl	Vinyl	Vinyl	Heavy Duty Nitrile
١	Natural	Natural	Natural	Blue	Black
		•			
	•	•	•	•	•
		•	•	•	•
	•	•	•	•	•
	S - XL	S - XL	S - XL	S - XL	S - XL



HAND PROTECTION: DISPOSABLE GLOVES



Nitrile Powder Free Natural

PART NUMBER	COLOUR	SIZE	BOX QTY
GDN32NUTSM2	Natural	Small	100 Gloves
GDN35NUTMD2	Natural	Medium	100 Gloves
GDN38NUTLG2	Natural	Large	100 Gloves
GDN41NUTXL2	Natural	XL	100 Gloves

EN ISO 374-1:2016 +A1:2018/Type B









- Food safe approved • AQL 1.5
- Premium quality nitrile
- Powder free · Beaded cuff for easy

donning and prevention of roll back Textured fingers for additional grip

- Latex protein free
- Ambidextrous

HAND PROTECTION: DISPOSABLE GLOVES

Nitrile Powder Free Blue

PART NUMBER	COLOUR	SIZE	BOX QTY
GDN32BUTSM2	Blue	Small	100 Gloves
GDN35BUTMD2	Blue	Medium	100 Gloves
GDN38BUTLG2	Blue	Large	100 Gloves
GDN41BUTXL2	Blue	XL	100 Gloves

EN ISO 374-1:2016 +A1:2018/Type B







- Food safe approved
- AQL 1.5Premium quality nitrilePowder free
- Beaded cuff for easy
- donning and prevention of roll back
- Textured fingers for additional grip
 Latex protein free
- Ambidextrous



Latex Powder Free Natural

QTY
Cloves
Cloves
Cloves
Cloves

EN ISO 374-1:2016 +A1:2018/Type B









- Food safe approved
- Low level of extractable latex proteins
 Powder free
- AQL 1.5
- Beaded cuff for easy donning and prevention of roll back
- Textured fingers for additional grip
- Ambidextrous



Heavy Duty Nitrile Black

PART NUMBER	COLOUR	SIZE	BOX QTY
GDN50KUTSM2	Black	Small	100 Gloves
GDN55KUTMD2	Black	Medium	100 Gloves
GDN60KUTLG2	Black	Large	100 Gloves
GDN65KUTXL2	Black	XL	100 Gloves

EN ISO 374-1:2016 +A1:2018/Type B



EN ISO 374-5:2016



- Food safe approvedAQL 1.5
- Heavy duty nitrilePowder free
- Textured fingers for additional grip
- Latex free protein
- Ambidextrous



Vinyl Powdered Natural

PART NUMBER	COLOUR	SIZE	BOX QTY
GDV40NP0SM2	Natural	Small	100 Gloves
GDV45NP0MD2	Natural	Medium	100 Gloves
GDV50NP0LG2	Natural	Large	100 Gloves
GDV55NP0XL2	Natural	XL	100 Gloves

EN ISO 374-1:2016 +A1:2018/Type B









Food safe approved

- AQL 1.5
- Premium quality vinylLightly powderedBeaded cuff for easy
- donning and prevention of roll back
- Textured fingers for additional grip
 Latex protein free
- Ambidextrous

Vinyl Powder Free Natural

PART NUMBER	COLOUR	SIZE	BOX QTY
GDV40NU0SM2	Natural	Small	100 Gloves
GDV45NU0MD2	Natural	Medium	100 Gloves
GDV50NU0LG2	Natural	Large	100 Gloves
GDV55NU0XL2	Natural	XL	100 Gloves

EN ISO 374-1:2016 +A1:2018/Type B

EN ISO 374-5:2016







• Food safe approved

- AQL 1.5
- Premium quality vinyl
- Powder free · Beaded cuff for easy
- donning and prevention of roll back

 Textured fingers for additional grip

 - Latex protein free
 - Ambidextrous

Vinyl Powder Free Blue

PART NUMBER	COLOUR	SIZE	BOX QTY
GDV40BU0SM2	Blue	Small	100 Gloves
GDV45BU0MD2	Blue	Medium	100 Gloves
GDV50BU0LG2	Blue	Large	100 Gloves
GDV55BU0XL2	Blue	XL	100 Gloves

EN ISO 374-1:2016 +A1:2018/Type B







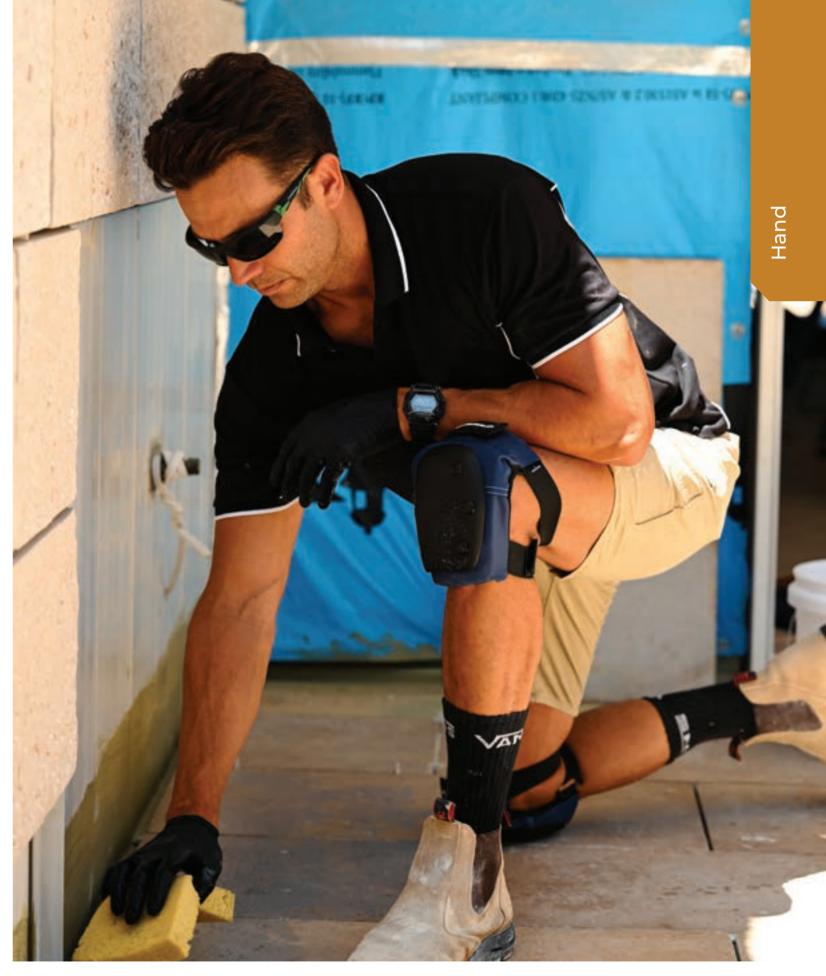
• Food safe approved • AQL 1.5

- Premium quality vinyl Powder free
- · Beaded cuff for easy
- donning and prevention of roll back Textured fingers for additional grip

- Latex protein free Ambidextrous







Welding Gloves

Product Image





Product Name	Fusion Red	Fusion Black
Certified to AS/NZS 2161.2:2020	•	•
Certified to AS/NZS 2161.3:2020	•	•
EN 388:2016 Rating	4244X	4344X
Cut Level	2	3
EN 407:2020 Rating	42323X	42423X
Liner Material	Cotton	Cotton
Material	Cow Leather	Cow Leather
Colour	Grey/Red	Grey/Black
Double Aramid Stitched	•	•
Reinforcement		Palm
Knuckle Bar		
Left Hand Only		
Sizes	L - XL	L - XL





HAND PROTECTION: WELDING GLOVES

Fusion Red

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GWACCRRLLGC	Large	6 Pairs	36 Pairs
GWACCRRLXLC	XL	6 Pairs	36 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41339 SAI Global



- Fully lined with 100% cotton to assist with
- sweat absorption Premium cow leather
- Aramid stitching across wear seams
- EN 388:2016



· Double stitched

• Contact heat rated 250°C

· Available in sizes L - XL









Fusion Black

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GWACCKKLLGC	Large	6 Pairs	36 Pairs
GWACCKKLXLC	XL	6 Pairs	36 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41339 SAI Global



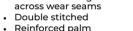
- Fully lined with 100% cotton to assist with sweat absorption
- Premium cow butt leather
- EN 407:2020

4344X

42423X







• Contact heat rated 250°C

EN 12477:2001

TYPE A







Fusion Green Left Hand

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GWLFCGGLLGC	Large	6 Pairs	36 Pairs
GWLFCGGLXLC	XL	6 Pairs	36 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41339 SAI Global





EN 407:2020 EN 12477:2001 TYPE A 8

42323X

- Fully lined with 100% cotton to assist with sweat absorption
- Premium cow leather · Aramid stitching across

wear seams

- Double stitched
- Contact heat rated 250°C
- · Pair of left handed gloves only
- · Available in sizes L & XL















Fusion Blue

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GWAFCYBLLGC	Large	6 Pairs	36 Pairs
GWAFCYBLXLC	XL	6 Pairs	36 Pairs



EN 388:2016



- sweat absorption Premium cow leather
- Aramid stitching across wear seams

<u>8</u>

42423X

offer strength Welted wear seams for extended durability

EN 407:2020 EN 12477:2001

TYPE A

Reinforced palm, thumb and knuckle bar for further heat protection











Fusion Tig Enduro

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GWTCGNYSLGC	Large	6 Pairs	36 Pairs
GWTCGNYSXLC	XL	6 Pairs	36 Pairs
GWTCGNYSXLC	XL	6 Pairs	36 Pairs









- Fully lined with 100% cotton to assist with sweat absorption
- Premium leather · Aramid stitching across
- wear seams
- EN 407:2020 EN 12477:2001 <u>8</u>





· Reinforced palm and thumb Contact heat rated 250°C • Available in sizes L - XL

TYPE B









Fusion Tig Pro

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GWTCSWBLLGC	Large	12 Pairs	60 Pairs
GWTCSWBLXLC	XL	12 Pairs	60 Pairs



Australian Standard AS/NZS 2161.2:2020 AS/NZS 2161.3:2020 Lic.SMK41341 SAI Global

• Fully lined with 100%

sweat absorption

wear seams

cotton to assist with



EN 407:2020 0

EN 12477:2001 TYPE B

41324X

- Double stitched · Reinforced patch on side of palm
- Premium goat leather • Contact heat rated 100°C Aramid stitching across Available in sizes L - XL











W#RKARMA

98 HAND PROTECTION: WELDING GLOVES

Cotton Gloves

Product Image



Product Name	Liner Hemmed Wrist	Liner Knitted Wrist
Material	Cotton	Cotton
Liner Gauge		
Colour	White	White
Cuff Type	Hemmed	Knitted
Grip		
Vinyl Palm		
Reinforced Palm		
Textured Fingers		
Size	M - L	M - L







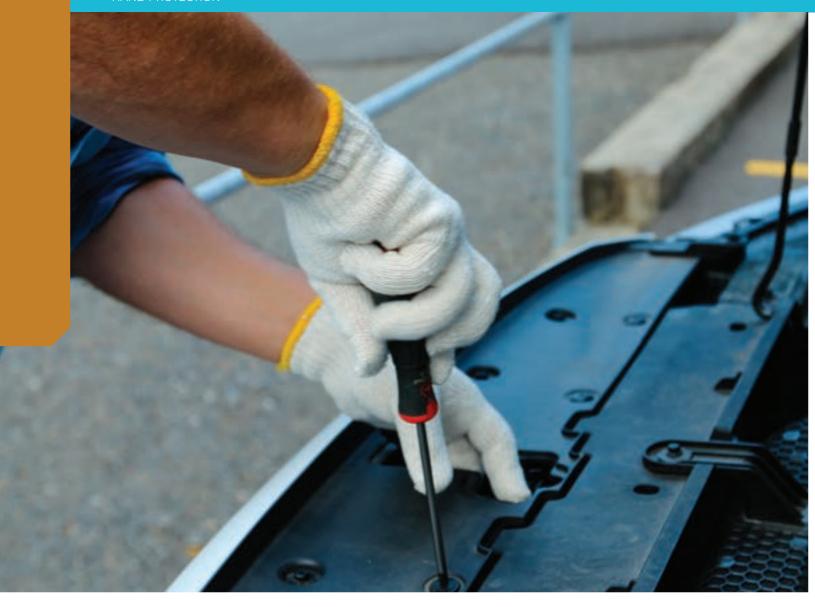




PVC Dot	Interlock Knitted Wrist	Drill Knitted Wrist	Vinyl Palm	Full PVC Grip
Poly Cotton	Poly Cotton	Cotton Drill	Cotton Drill	Poly Cotton
7g	7 g			7 g
Natural	Natural	Natural	Natural/Grey	Orange
Knitted	Knitted	Knitted	Knitted	Knitted
PVC Dots				Silicone Diamond
			•	
			•	
				•
M - L	M - L	M - L	L	М



HAND PROTECTION: COTTON GLOVES



Liner Knitted Wrist

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GG000P0KMD2	Medium	6 Pairs	240 Pairs
GG000P0KLG2	Large	6 Pairs	240 Pairs



- 100% cotton white liner
- Knitted cuff
- Bleached, breathable cotton
- Machine washable • Available in sizes M - L









PVC Dot

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GG070PPKMD2	Medium	12 Pairs	120 Pairs
GG070PPKLG2	Large	12 Pairs	120 Pairs



- 7 gauge poly cottonKnitted cuff
- PVC dots
- Bleached, breathable cotton
- Machine washable • Available in sizes M - L









Interlock Knitted Wrist PART NUMBER BUNDLE QTY CARTON QTY GG070P0KMD2 Medium 12 Pairs 120 Pairs GG070P0KLG2 12 Pairs 120 Pairs Large





- Bleached cotton
- Available in sizes M L







Liner Hemmed Wrist

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GG000P0HMD2	Medium	6 Pairs	240 Pairs
GG000P0HLG2	Large	6 Pairs	240 Pairs



- 100% cotton white liner
- Hemmed cuff
- Breathable and lightweight

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- Machine washable
- Available in sizes M L











Drill Knitted Wrist

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GG000C0KMD2	Medium	6 Pairs	120 Pairs
GG000C0KLG2	Large	6 Pairs	120 Pairs



- Durable cotton drill lightweight glove
- Red knitted cuff
- Breathable and machine washable
- Available in sizes M L









Vinyl Palm

PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
GG000CVKLG2	Large	6 Pairs	120 Pairs



- Durable cotton drill lightweight glove
 Vinyl palm coating assists with moisture and grip
 Knitted cuff wrist
- Breathable and machine washableAvailable in size L











Full PVC Grip				
	PART NUMBER	SIZE	BUNDLE QTY	CARTON QTY
	GG070PSKMD2	Medium	6 Pairs	120 Pairs



- 7 gauge poly cotton orange
- Knitted cuff

104

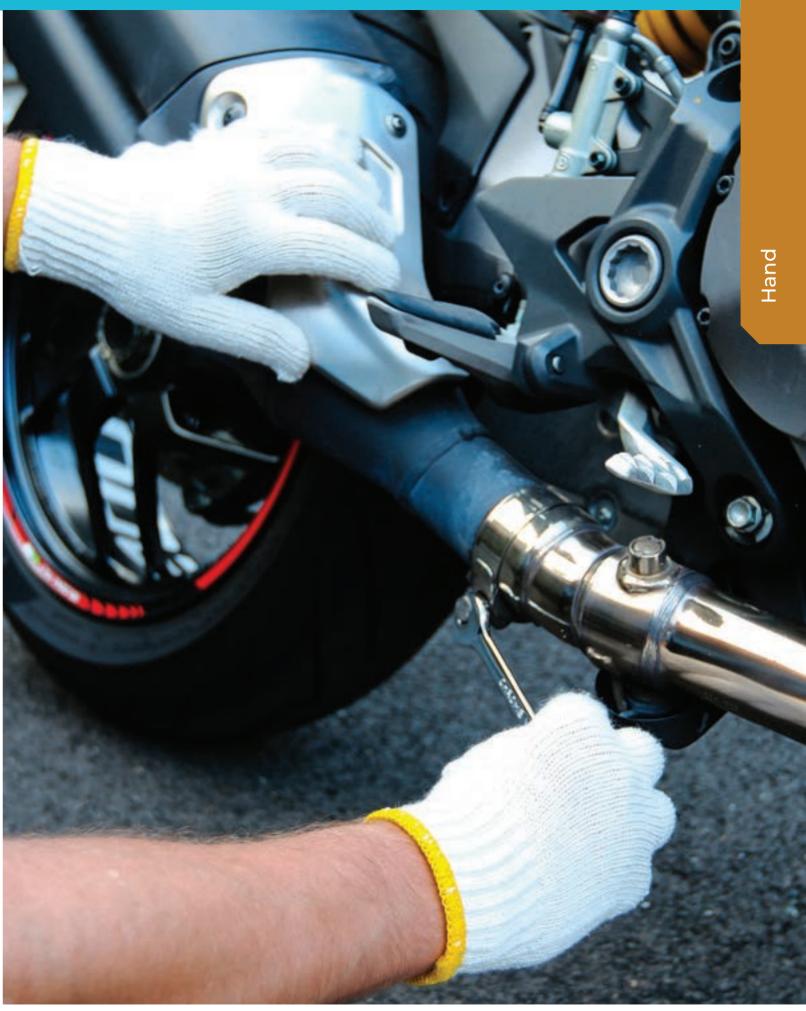
- Honeycomb design, 360°
 PVC for enhanced grip
- Available in size M











Respiratory Protection



Respiratory Protectors are designed to protect the wearer when workplace contaminants and hazardous substances are present or where the air quality is unknown. Where there is a risk of exposure to contaminants that can be filtered, it is mandatory to wear the correct air purifying respirator.

Working unprotected with contaminants and hazardous substances is a world-wide leading cause of injury. Workplace Australia have identified dust diseases as one of the most common work related illnesses*.

Choosing the correct level and type of protection is vital for your own safety. Having a clear understanding of the environment, protection capabilities of the respirator and adequate training should form part of your daily routine.

*Source: WorkSafe Australian Work Health and Safety Strategy 2023-2033





W#RKARMA*

Respiratory

Our Range

WorkArma Disposable Respiratory products are designed for one time use and balance protection with comfort and breathability.







P1 Mask Valved



P2 Mask No Valve



P2 Mask Valved



P2 Mask Valved Mesh



Flat Fold Mask

WorkArma Reusable Respiratory can withstand multiple uses and are designed to provide protection for airborne particles, including dust, mist, fumes, and infectious agents.



Half Face Respirator



Full Face Respirator



Filters

Testing Standards

WorkArma Respiratory Protection devices are manufactured and certified to AS/NZS 1716:2012 - Respiratory Protective Devices. AS/NZS 1716 stipulates the design, guidelines and characteristics for the manufacturing of respirators.

AS/NZS 1715:2009 outlines the required selection, use and maintenance of Respiratory Protective equipment (RPE), providing the wearer and employer with information on the correct selection, fit and maintenance of RPE.





Understanding Respiratory Protection

Particles, gases and vapours have the potential to bypass natural body defences. As they mix with the air, and are inhaled through the mouth, nose and throat, contaminants can enter the respiratory system, causing further potential harm to the lungs, organs and even the central nervous system.

Air-purifying respirators (APRs) work by removing gases, vapours, aerosols (droplets and solid particles), or a combination of contaminants from the air through the use of filters, cartridges, or canisters. Filtering options are available in the WorkArma range to match and protect against the offending hazards.

What Am I Protecting Myself Against?

To assist with choosing the correct filter, AS/NZS 1715:2009 classifies contaminates into the following types:

Contaminate	Description
Smoke	Made up from the solid and liquid products of combustion. Smoke particles settle slowly under gravity.
Mists	Fine droplets of airborne liquid which are created by atomisation or condensation. Mist such as oil mists or acid mists.
Fumes	Generated from a heating process when the vapour of a contaminate reacts with air to form an oxide. Common examples of fumes are welding and soldering.
Dust and Fibres	Generated by mechanical devices, (sanding/grinding). Dust fibres can be rather dangerous and have the potential to cause serious illness (asbestos, silica, lead).
Gasses	A matter that has no fixed shape or volume. Gasses will occupy an entire environment as they compress into all areas. Gasses tend to be lighter than air and therefore can create a plume and displace oxygen. Common gasses include natural gas, carbon dioxide, nitrogen.
Vapours	Tends to be generalised as a gas, however a vapour consists of two different substances at room temperature, whereas a gas consists of a single substance at room temperature. Vapour examples include organic solvents - turpentine, acetone, toluene.



What Should I Consider When Choosing a Respirator?

Choosing the correct Respiratory Protector can be rather daunting and many factors should be considered. AS/NZS 1715:2009 recommends the below should form part of your decision process:

- Conduct air sampling to ascertain the contamination present. If contamination is unknown there are two choices - do not enter the area or wear self-contained breathing apparatus (SCBA)
- Ensure the area has adequate oxygen levels (19.5%). Filters do not provide oxygen, they filter contaminates
- The task at hand consider mobility, heat/cold, restrictions and access
- The medical condition of the wearer consider their physical and psychological suitability to the task and PPE
- Other PPE and how they will interact with the respiratory protector – e.g. Faceshields, Hearing Protection, Hard Hat.
- Ensure the Respirator is certified to AS/NZS 1716:2012

Respiratory Protectors



Disposable Respirators

Disposable Half Facepiece respirators filter out particles such as dust, mists and fumes. They do NOT provide protection against gases and vapours.



Reusable Half Face Respirators

Reusable Half Face Respirators have replaceable cartridges or filters. They cover the nose and mouth providing protection against gases, vapours or particles when equipped with the appropriate cartridge or filter.



Reusable Full Face Respirators

Reusable Full Face Respirators have replaceable canisters, cartridges or filters. They cover not only the nose and mouth, but also the facepiece covers the face and eyes offering additional Eye Protection. Full Face Respirators offer increased protection when compared to Half Face Respirators (disposable and reusable).



Respiratory Protectors Level of Protection

Respiratory Protectors and filters are classified according to the face/filters level of leakage/protection.

Example	Classification	Efficiency	Leakage	Effective Against
	PΊ	80% (particles to .0001mm)	20%	Mechanically generated particulates - dust
	P2	94% (particles to .0003mm)	6%	Mechanically and thermally generated particles – welding fumes
	P3	99.95% (particles to .0003mm)	0.05%	All particles including highly toxic materials - full face only



Safety Tip

Always inspect your respirator before use to ensure it is safe to use and in perfect working condition. Establish a filter replacement schedule and keep a record of the date a filter is changed and when the next change is due.

Assigned Protection Factors (APF)

The APF of negative pressure respirators is a vital measurement when determining the level of protection a respirator can offer with an effective seal. A trained user can estimate the level of protection expected from the Respirator when correctly fitted.

The APF indicates the ratio of concentration of a contaminant outside the Respirator to that of the concentration inside the Respirator.

When correctly wearing a respirator with an APF of 10, the wearer can expect the contamination levels inside the respirator to be approximately 10 times less than levels found outside. Many factors can influence this result including filter consumption, facial fit etc.

Red	quired Minimum Protection	Maximum Gas/Vapour Concentration Present in Air P.P.M (Parts per Million by Volume)	Suitable Respirator Required
	Up to 10	1,000	Class 1, 2, 3 filter with HALF mask or disposable mask
	Up to 50	1,000	Class 1 filter with FULL mask

112 RESPIRATORY PROTECTION 113



Types of Filter Choices

Filters are classified via the contamination filtered and colour coded accordingly. Each filter will have a corresponding colour shown on the filter to demonstrate protection received.

Colour	Filter Type	Contaminants Present
	AX ¹	Gases and vapours of organic compounds with boiling point <65°C
	А	Gases and vapours of organic compounds with boiling point >65°C
	В	Inorganic gases and vapours e.g. chlorine, hydrogen sulphide, hydrogen cyanide
	E	Sulphur dioxide, hydrogen chloride
	К	Ammonia and organic ammonia derivatives
	Hg²	Mercury vapour
	Р	Particles

¹⁾ AX filters can only be used for a maximum of 8 hours and must be replaced after use

When Do I Change My Filters?

Duties being undertaken, fitness levels, concentration of contamination, ventilation all play a part in a filters life span.

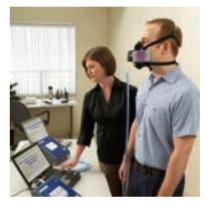
- All filters will display a "used by" date which is only suitable for unopened filters
- Once the filter has become "active" or taken from its original packaging, the maximum
- life span of a filter is 6 months from the active date (with the exception of AX filters)
- Taste, smell or difficulty to breathe through filters are also factors to be considered

Does it Fit?

AS/NZS 1715:2009 states. "The program administrator shall ensure a suitable fit test is carried out for all uses or respiratory protective equipment with a close fitting facepiece".

Respirator fit testing is mandatory and forms part of your Respiratory Protection program.

Quantitative



Computer generated test that measures particles outside vs. inside the mask

Fit testing allows the wearer to be confident the respirator is providing an adequate seal and protection. There are 2 different kinds of Respiratory fit checks:

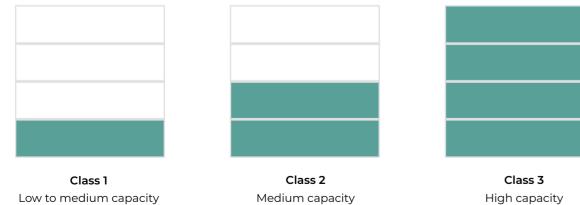
Qualitative



Pass or fail test that relies on the wearers ability to respond to an atomised liquid

Gas Filters Are Also Classified By Their Capacity To Store Contaminates

Filter capacity





114 RESPIRATORY PROTECTION 115

²⁾ Hg filters can only be used for a maximum of 50 hours according to EN 14387

Disposable Respiratory

Product Image

RESPIRATORY PROTECTION: DISPOSABLE RESPIRATORY







Product Name	Dust Mask	P1 Non Valved	P1 Valved
Certified to AS/NZS 1716:2012		•	•
Maximum Protection Level		ΡΊ	Pl
Includes Valve			•
Design Style	Cup	Cup	Cup
Activated Charcoal			
Reinforced Mesh			
Nose Seal		Open Cell Foam	Open Cell Foam
Coated Aluminium Nose Clip		•	•
Pre-Formed Moulded Nose			
Strap Design	Single	Duel	Duel
Strap Material	Elastic	Elastic	Elastic
Adjustable Strap			
Resealable Storage Bag	•	•	•
Pack Size	10 or 25	20	12

Disposable Respiratory













P2 Non Valved	P2 Valved	P2 Valved Carbon	P2 Valved Mesh	P2 Valved Mesh Carbon	P2 Valved Flat Fold
•	•	•	•	•	•
P2	P2	P2	P2	P2	P2
	•	•	•	•	•
Cup	Cup	Cup	Cup	Cup	Flat Fold
		•		•	
			•	•	
Open Cell Foam	Open Cell Foam	Open Cell Foam	Closed Cell Foam	Closed Cell Foam	Closed Cell Foam
•	•	•			•
			•	•	
Duel	Duel	Duel	Duel	Duel	Duel
Elastic	Elastic	Elastic	Elastic	Elastic	Rubber
			•	•	
•	•	•	•	•	•
3 or 20	3 or 12	3 or 12	12	12	10



Dust Mask

PART NUMBER	вох оту
RDC00U0000C	10
RDC00U00002	25

- Hypo-allergenic disposable protective mask
- For use against nuisance
- non toxic substances Cupped design to assist with comfort and fatigue
- Adjustable aluminium nose seal to assist with customised fitting
- Comfortable elastic
- Resealable storage bag Non-certified product with limited protection



P1 Non Valved

PART NUMBER	BOX QTY
DDC101100003	20



Australian Standard AS/NZS 1716:2012 Lic.SMKH20631 SAI Global

- Protection against hazardous mechanically generated particles
- Cupped design with adjustable nose clip • Inner foam nose seal
- to help achieve a comfortable seal Seam sealed twin elastic head straps for ease of donning the respirator
- Colour coded latex free strap light blue for P1
- Low breathing resistance increasing wearer comfort and wear time



P1 Valved

PART NUMBER	BOX QTY
RDC10V00002	12



Australian Standard AS/NZS 1716:2012 Lic.SMKH20631 SAI Global

- Protection against hazardous mechanically generated particles
- Cupped design with adjustable nose clip
- · Inner foam nose seal to help achieve a comfortable seal
- Exhalation valve to reduce heat, CO² and moisture within respirator
- Seam sealed twin elastic head straps for ease of donning the respirator
- Colour coded latex free strap - light blue for P1
- Low breathing resistance increasing wearer comfort and wear time

RESPIRATORY PROTECTION: DISPOSABLE RESPIRATORY



P2 Non Valved

PART NUMBER	BOX QTY
RDC20U0000C	3
RDC20U00002	20



Australian Standard AS/NZS 1716:2012 Lic.SMKH20631 SAI Global

- Protection against hazardous mechanically generated particles
- Protection against thermally generated particles i.e. smoke/ welding fumes
- Cupped design with adjustable nose clip
- Inner foam nose seal to help achieve a comfortable seal
- Seam sealed twin elastic head straps for ease of donning the respirator
- Colour coded latex free strap - dark blue for P2
- Low breathing resistance increasing wearer comfort and wear time



P2 Valved

PART NUMBER	BOX QTY
RDC20V0000C	3
RDC20V00002	12



Australian Standard AS/NZS 1716:2012 Lic.SMKH20631 SAI Global

- Protection against hazardous mechanically generated particles
- Protection against thermally generated particles i.e. smoke/ welding fumes
- Cupped design with adjustable nose clip
- Inner foam nose seal to help achieve a comfortable seal
- Exhalation valve to reduce heat, CO² and moisture within respirator
- Seam sealed twin elastic head straps for ease of donning the respirator
- Colour coded latex free strap dark blue for P2 Low breathing resistance increasing wearer comfort and wear time



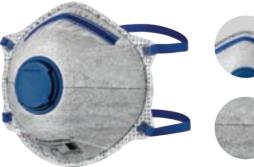
P2 Valved Carbon

PART NUMBER	BOX QTY
RDC2CV0000C	3
RDC2CV00002	12





- Protection against hazardous mechanically generated particles
- Protection against thermally generated particles i.e. smoke/ welding fumes
- Active carbon for additional protection against nuisance odours
- Cupped design with adjustable nose clip
- · Inner foam nose seal to help achieve a comfortable seal
- Exhalation valve to reduce heat, CO² and moisture within respirator
- Seam sealed twin elastic head straps for ease of donning the respirator
- Colour coded latex free strap dark blue for P2





P2 Valved Mesh

RDM20V00002 12



Australian Standard AS/NZS 1716:2012 Lic.SMKH20631 SAI Global

- Protection against hazardous mechanically generated particles
- Protection against thermally generated particles i.e. smoke/ welding fumes
- Premium reinforced mesh cup design to help retain mask shape and preserve fit
- Closed cell foam nose seal to help achieve a comfortable seal
- Exhalation valve to reduce heat, CO² and moisture within respirator

 • Seam sealed twin elastic
- head straps for ease of donning the respirator
- Colour coded latex free strap dark blue for P2



P2 Valved Mesh Carbon

PART NUMBER	BOX QTY
DDM3C/\00003	12



Australian Standard AS/NZS 1716:2012 Lic.SMKH20631 SAI Global

- Protection against hazardous mechanically generated particles
- Protection against thermally generated particles i.e. smoke/ welding fumes
- Active carbon for additional protection against nuisance odours
- · Premium reinforced mesh cup design to

help retain mask shape and preserve fit Closed cell foam nose

- seal to help achieve a comfortable seal Exhalation valve to reduce heat, CO²
- and moisture within respirator Colour coded latex free strap - dark blue for P2



P2 Valved Flat Fold

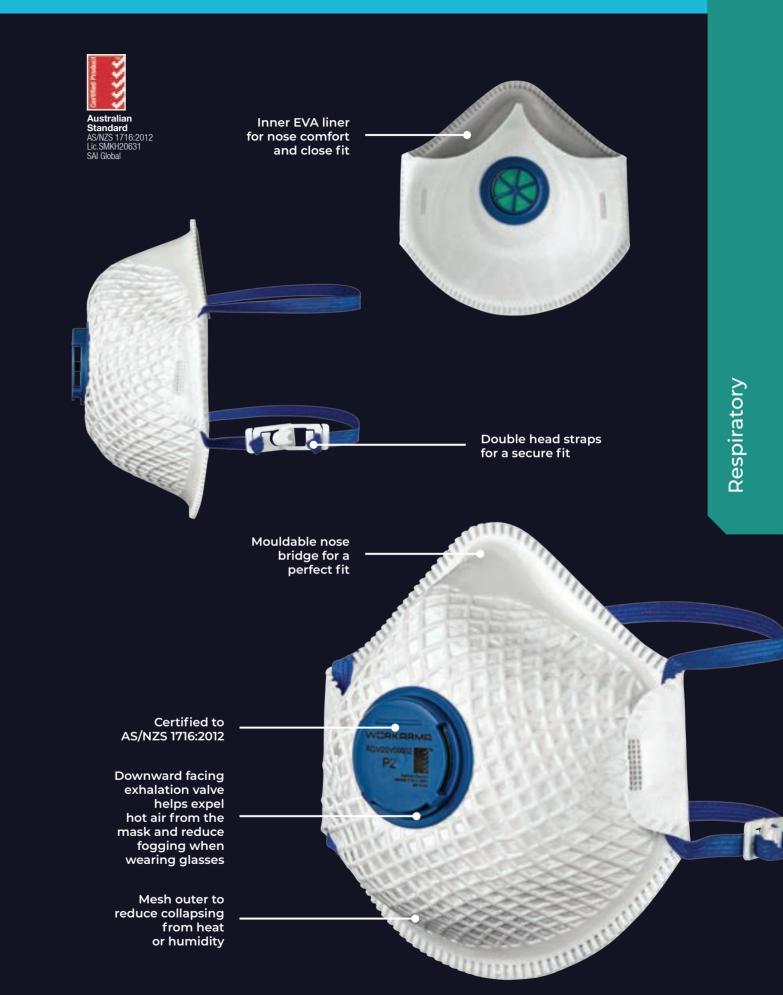
PART NUMBER	BOX QTY
RDT20V00002	10



Australian Standard AS/NZS 1716:2012 Lic.SMKH20631 SAI Global

- Protection against hazardous mechanically generated particles
- Protection against thermally generated particles i.e. smoke/ welding fumes
- Flat folded 3 panel design to accommodate a wide range of facial shapes and sizes
- · Closed cell foam nose
- seal to help achieve a comfortable seal
- Exhalation valve to reduce heat, CO² and moisture within respirator
- Seam sealed twin elastic head straps for ease of donning the respirator
 Colour coded synthetic rubber strap dark blue for P2







Reuseable Respiratory

Product Image







Product Name	Full Face Reusable Respirator	Half Face Reusable Respirator	A1E1P2 Filter	P3 Filter
Certified to AS/NZS 1716:2012	•	•	•	•
Filter			A1E1P2	P3*
Adjustable Cradle Harness		•		
Fully Adjustable 4 Point Harness	•			
Soft Seal Silicone Construction	•	•		
Double Seal Protection	•			
Spherical Lens for Wide Vision	•			
Chemical Resistant Lens	•			
Scratch Resistant Lens	•			
Bayonet Filter Attachment	•	•		
Downward Facing Exhalation Cover	•	•		
Low Breathing Resistance	•	•	•	•
Filter Only			•	•
Swept Back Filter Design			•	•
Easy to Maintain	•	•		
Resealable Storage Bag	•	•		
Hard Storage Case				
Kit includes Mask, Filters and Storage Case				
Size	M - L	M - L		

^{*}P2 when used with a Half Face mask

Reuseable Respiratory





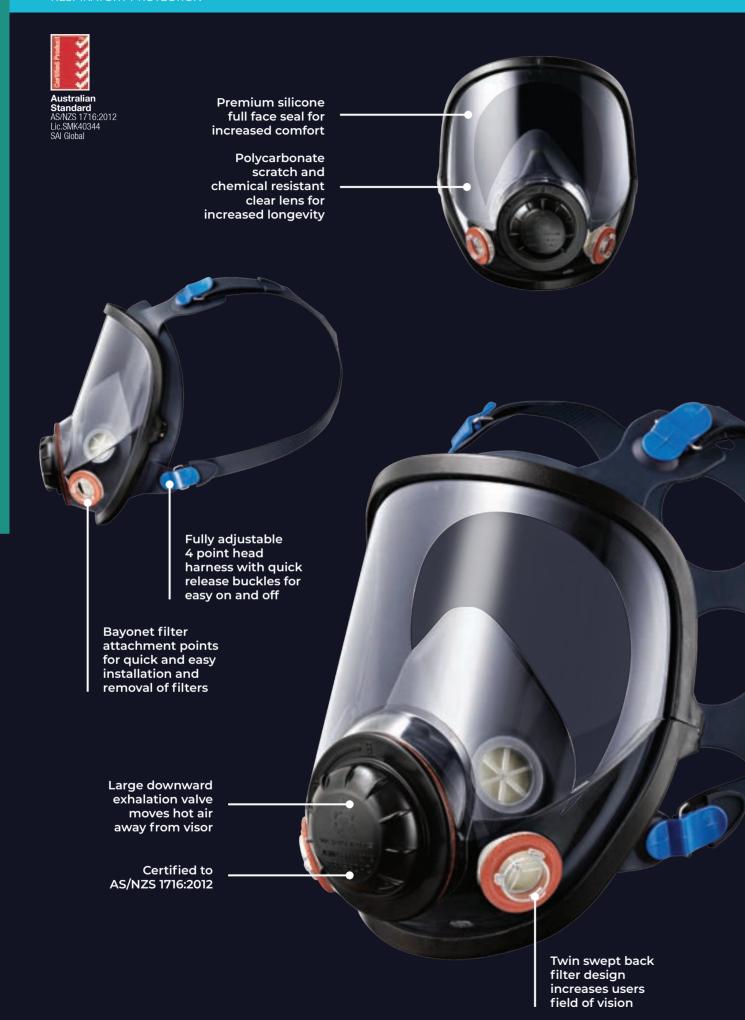






A1D2 Filtor	ADEI/ID2 Filter	Conoral Durance Kit	Daintava Kit	Chemical
A1P2 Filter	ABEK1P2 Filter	General Purpose Kit	Painters Kit	Chemical Respirator Kit
•	•	•	•	•
A1P2	AB1E1K1P2	P2	AIEIP2	AB1E1K1P2
		•	•	•
		•	•	•
		•	•	•
		•	•	•
•	•	•	•	•
•	•			
•	•	•	•	•
		•	•	•
		•	•	•
		•	•	•
		M - L	M - L	M - L

122 RESPIRATORY PROTECTION: REUSABLE RESPIRATORY













Full Face Reusable Respirator

- Manufactured from silicone for durability, comfort and longevity
- Spherical lens provides a wide field of vision
- Face seal design incorporates a large contact area ensuring best fit
- Lens is hard coated for high solvent and scratch resistance and
- low through-life costs Comfortable rubber harness with 4 points
- harness with 4 points of adjustment
 • Filters sit low and close
- to the face, ensuring excellent balance and weight distribution Compatible WorkArma filter range available (sold separately)

PART NUMBER	SIZE	PACK QTY
RRFSBDA0MD2	Medium	1
RRFSBDA0LG2	Large	1









Half Face Reusable Respirator

- Manufactured from silicone for durability, comfort and longevity
- Comfortable elastic with halo and neck straps for ease of wearer adjustment
 Extremely low breathing
- Extremely low breathing resistance eases the respiratory burden on wearer's lungs
- Downward facing exhale valve avoids misting to eye wear
- Secure bayonet filter
- connection system

 Available in
- medium and large

 Compatible WorkArma
 filter range available
 (sold separately)

PART NUMBER	SIZE	PACK QTY
RRHSBDA0MD2	Medium	1
RRHSBDA0LG2	Large	1

P3 Filter

PART NUMBER	PACK QTY	CARTON QTY
DEB / DZ00003	1 Dair	64 Daire



Australian Standard AS/NZS 1716:2012 Lic.SMK40344 SAI Global

- P3 to use against mechanical and thermally generated particles
- Swept back filter design for improved user visibility Easy connect bayonet fitting
- Fits both WorkArma Half mask and Full Face masks, but is a P2 when used with Half mask and a P3 when used with Full Face mask
 - Low breathing resistance, increasing wearer comfort and wear time



A1P2 Filter

	PART NUMBER	PACK QTY	CARTON QTY
Π	DEB	1 Dair	70 Daire



Australian Standard AS/NZS 1716:2012 Lic.SMK40344 SAI Global

- Al used for organic gas/ vapour and P2 for further protection against particulates
- Swept back filter design for improved user visibility
- Easy connect bayonet fitting
- Fits both WorkArma Half mask and Full Face masks, but is a P2 when used with Half mask and a P3 when used with Full Face mask
- · High quality carbon with low breathing resistance particle filter increasing wear comfort and wear time
- Sold as a pair



A1E1P2 Filter

PART NUMBER	PACK QTY	CARTON QTY
REBAA2P3002	1 Pair	30 Pairs



Australian Standard AS/NZS 1716:2012 Lic.SMK40344 SAI Global

- Al used for organic gas/vapour. El used for acid gases
- Swept back filter design for improved user visibility
- Easy connect bayonet fitting
- High capacity particle filter with low breathing resistance, increasing wearer comfort and wear time
- AlEIP2 Filter suitable to be worn in conjunction with WorkArma's range of Half and Full Face respirators

RESPIRATORY PROTECTION: REUSABLE RESPIRATORY

• Sold as a pair



ABEK1P2 Filter

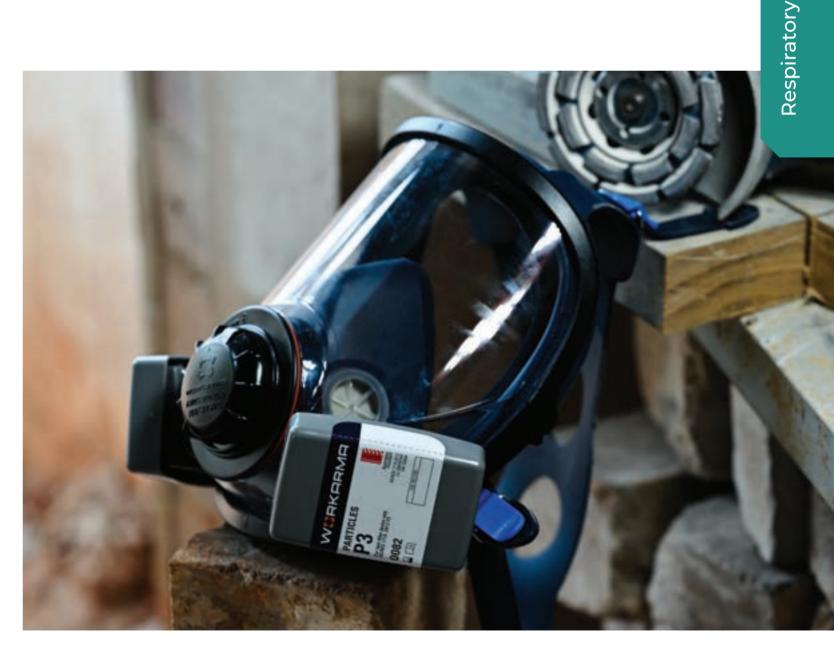
PART NUMBER	PACK QTY	CARTON QTY
REBAAREKP32	1 Pair	30 Pairs



Australian Standard AS/NZS 1716:2012 Lic.SMK40344 SAI Global

- ABEKI for use against a broad range of chemicals, organics gas/vapour, acid gases, sulphur and ammonia
- Swept back filter design for improved user visibility • Easy connect bayonet fitting
- Suitable to be worn in conjunction with WorkArma's range of Half and Full Face respirators
- High quality carbon with low breathing resistance particle filter increasing wear comfort and wear time
- Sold as a pair













INCLUDES: 1x Silicone Half Mask 2x A1E1P2 Filters 1x Reusable Storage Container

Painters Kit

- Manufactured from silicone for durability, comfort and longevity
- Comfortable elastic with halo and neck straps for ease of wearer adjustment
- Downward facing exhale valve avoids misting to eye wear
- Secure bayonet filter connection system
- Al used for organic gas/
- vapour and P2 for further protection against particulates
- High capacity particle filter with low breathing resistance, increasing wearer comfort and wear time
- A1E1P2 Filter suitable to be worn in conjunction with WorkArma's range of Half and Full Face respirators
- PACK QTY RRHSBDA2MDK Medium RRHSBDA2LGK





INCLUDES: 1x Silicone Half Mask 2x P3* Filters 1x Reusable Storage Container

General Purpose Kit

- Manufactured from silicone for durability, comfort and longevity • Comfortable elastic with
- halo and neck straps for ease of wearer adjustment Downward facing exhale valve avoids
- misting to eye wear Secure bayonet filter
- connection system • P3 high efficiency filter
- Swept back filter design for improved user visibility
- bayonet fitting
 Low breathing resistance,
 increasing wearer comfort
 and wear time
- Ready to use in hard storage case

RESPIRATORY PROTECTION: REUSABLE RESPIRATORY

DDHSBD41MDK Medium Easy connect RRHSBDAILGK Large

*P3 protection when worn with the WorkArma Full Face Respirator, P2 when used with a Half Face Respirator





Chemical Respirator Kit

- Manufactured from silicone for durability, comfort and longevity Comfortable elastic with
- halo and neck straps for ease of wearer adjustment Downward facing exhale valve avoids misting to
- eye wear
- Secure bayonet filter connection system
- ABEKI for use against a broad range of chemicals. Organic gas/vapour, acid gases, sulphur and ammonia
- Suitable to be worn in conjunction with WorkArma's range of Half and Full Face respirators
- High quality carbon with low breathing resistance particle filter

INCLUDES:

1x Silicone Half Mask

2x ABEK1P2 Filters



W#RKARMA

DDHSBDA3MDK

RRHSBDA3LGK

Hearing Protection



Hearing Protection is designed to protect the wearer from high noise environments by reducing the audible noise to an acceptable level and minimizing any potential hearing loss.

The risk of noise related hearing loss is a major concern, as many workers suffer from this injury. Hearing loss tends to occur over time due to incorrect selection, inconsistent use or lack of Hearing Protection worn.

Hearing Protectors are available in many forms ranging from disposable Earplugs to high performance Earmuffs.





Hearing

Our Range

Comfortable protection against damaging noise. Our innovative range of Hearing Protection includes Earmuffd and Earplugs. WorkArma Earmuffs are worn over the ears to reduce exposure to loud noises and prevent loss of hearing.





Earmuffs

Earplugs

Testing Standards

WorkArma Hearing Protectors are manufactured and certified to AS/NZS 1270:2002: Acoustics - Hearing Protectors. WorkArma Hearing Protectors are certified by SAI Global.

This standard ensures certified Hearing Protectors pass a series of laboratory tests, which demonstrate the required protection received from the Hearing Protector's overall construction.

Users should select and maintain their Hearing Protector in accordance with AS/NZS 1269.3:2005 Occupational Noise Management and their own Hearing Protector program.



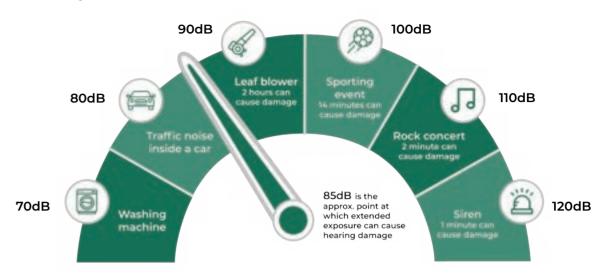
Understanding Hearing Protection

- When working in environments where excessive noise is present, adequate Hearing Protection should be worn
- Hearing Protection is designed to reduce the active noise to a level deemed safe for short and long term hearing loss prevention
- Exposure to excessive noise can cause long term hearing loss and Tinnitus (ringing in the ears)
- Our ears are equipped with hair like cells within the cochlea. Excessive noise will damage these cells, which in turn allows the excessive noise to cause irreversible damage to the Cochlea
- The Cochlea is about the size of a small marble and contains 20,000 nerve cells that transmit sound information to the brain. When noise damages these nerve cells, hearing may be lost forever
- Below on the left is a scan of a healthy normal Cochlea and on the right is a scan of an unhealthy Cochlea damaged by noise (the white areas) causing progressive permanent hearing loss





Examples of noise levels in everyday life and when hearing loss may occur:



The Importance of Hearing Protection

It is a common myth that lifting your Earmuffs occasionally, won't affect your hearing. In reality, when Hearing Protection isn't worn properly for the duration of a shift in hazardous noise, a worker's protection drops dramatically. Protection is dependent on wear time as attenuation is quickly degraded if you take Hearing Protection off. For example, wearing

Hearing Protection for only seven hours out of an eight-hour shift causes protection to drop by two-thirds. When working around hazardous noises, workers are at risk of hearing loss every time they lift their Earmuffs to speak to a co-worker, re-adjust their PPE, or even to cool down on a hot day.







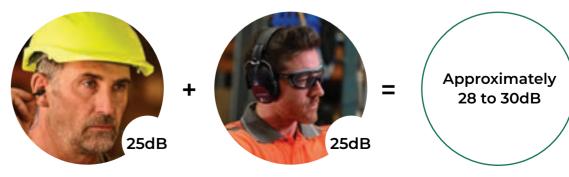


100% Usage Worn for 8 hours provides maximum protection

99% Usage Worn for 7^{1/2} hours provides significantly reduced protection

90% Usage Worn for 7 hours provides virtually no protection

Another common myth is that wearing a 25dB rated Earmuff and 25dB rated Earplug will provide 50dB protection. Studies have proven that wearing an Earmuff in conjunction with an Earplug will only increase the protection by 3-5dB above the Earmuffs attenuation.





Choosing the Correct Hearing Protector

Noise exposure over 85 decibels (dB) may cause hearing loss, so Hearing Protection for noise exposure above 85dB is recommended.

How to calculate what level of Hearing Protection is required

The goal is to reduce the active noise to below 85dB, as this is the safe working limit over 8 hours.

This means that if the noise level is 115dB, 30dB (115dB minus 85dB) protection is required. This equates to a Class 5 Hearing Protector.

It is important to choose the correct hearing protector as over protecting can be just as dangerous as under protecting.

Class	85dB(A)	Range
1	> 90	10 - 13dB
2	90 > 95	14 - 17dB
3	95 < 100	18 - 21dB
4	100 < 105	22 - 25dB
5	105 > 110	26+dB

WorkArma's range is focused on Class 4 & Class 5

Understanding Exposure Limits

For every 3dB increase the exposure time halves. E.g. 82dB allows for 16hrs of noise exposure, 85dB allows for 8hrs of noise exposure.

Noise (dB)	Permissible (hrs)	Exposure (mins)
82	16	-
85	8	-
88	4	-
91	2	-
94	1	-
97	0	30
100	0	15
115	0	0

What is the Correct Hearing Protection For Me?

Industry studies have found that there is no universal Hearing Protector that works and fits everyone. We work in different places and have specific requirements when it comes to Hearing Protection. Factors to consider:

- How much noise to reduce loudness
- Work environment hygiene
- Frequency and duration of the noise
- Comfort level
- · Ease of fit
- Compatibility with other personal protective equipment

	7	

Hearing Protection

- Good protection
- Can be purchased in different forms - headband, cap attachable, neck band

Pros

- Adjustability to allow one Earmuff to fit most head sizes
- Reusable
- Less attenuation variability among users when compared to incorrectly fitted Earplugs
- Increased weight and size when compared to an Earplug

Cons

- Wearing glasses results in breaking the seal between the Earmuff and the skin which can result in decreased protection
- Uncomfortable in hot, humid environments
- Higher initial price



- Lowest initial price
- Small and easily carried
- Convenient to use with other personal protection equipment and/or glasses
- More comfortable for longterm wear in hot, humid work areas
- Easy to loose
- Disposable as less environmentally friendly
- More time to insert
- Requires clean hands for insertion
- May irritate the ear canal



- Easy to use, push in or onto canal opening without having to roll between fingers
- Small and easily carried
- Convenient to use with other personal protection equipment and/or glasses
- Suitable for short duration use in low noise environment
- Can become uncomfortable after long periods of time
- May irritate the ear canal

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Types of Earmuffs



Headband

Worn over the head when additional head protection isn't being worn. Easily adjusted to ensure comfort and correct positioning over the entire ear and hearing zone. Fitted with cushion or hygiene pads that provide a seal against the head. Generally, the most comfortable and cost-effective option.



Cap Attached

Worn in conjunction with an Industrial Hard Hat using adapters that attach the Earmuff to the Hard Hat. Attachment points can vary in size depending on brand of Earmuff and Hard Hat (25mm or 30mm). Easily adjusted to ensure comfort and correct positioning over the entire ear and hearing zone. Fitted with cushion or hygiene pads that provide a seal against the head. Care needs to be taken to ensure the Earmuff is securely fitted to the Hard Hat.



Neckband

Worn behind the neck when headwear, wide brimmed hats, caps or full-face visors are worn. Attenuation or protection levels tend to be lower when compared to other Earmuffs, as the clamping force tends to be less consistent. Generally, adjustability is limited when compared to other Earmuff styles. Fitted with cushion or hygiene pads that provide a seal against the head. Generally, the most expensive option due to manufacturing costs.



A headband style Earmuff that offers all the features of a headband Earmuff with added portability, as the Earmuff has the ability to fold into a compact "ball shape" when not in use.

Types of Earplugs



Disposable Bullet Shape

Allows an easier rolling action for insertion as the Plug is one shape. Can provide higher and more consistent protection as the plug will generally slide deeper into the ear canal.



Disposable Bell Shape

Flared end bell-shape provides extra material to cover the outside of the ear canal to help block sound and provides a gripping point to aid insertion and removal. Offers versatility and a comfortable fit for a larger range of individual ear canals.



Reusable Silicone

Offers the wearer the ability to reuse the Earplug after use as the soft silicone material is washable and durable.



Metal Detectable

Mandatory in food preparation areas. Contains metal fragments that are detected should the plug be lost in food preparation.



Banded

Allows the wearer to transition in and out of noisy environments.





Earmuffs

Product Image







Product Name	Defender	Calibre Compact	Calibre Heavy Duty
Certified to AS/NZS 1270:2002	•	•	•
Class Level	5	5	5
SLC 80 Rating (dB)	29	26	31
Material	ABS	ABS	ABS
Style	Headband	Folding Headband	Headband
Colour	Orange	Black	Dark Blue
Hi Visibility			
Stainless Steel Wire			
Dielectric	•		•
Padded Headband		•	
Hard Hat Attachments (25mm & 30mm) included			
Clamping Force (N)	11.1	12	8.9
Weight	189g	201g	237g

Earmuffs



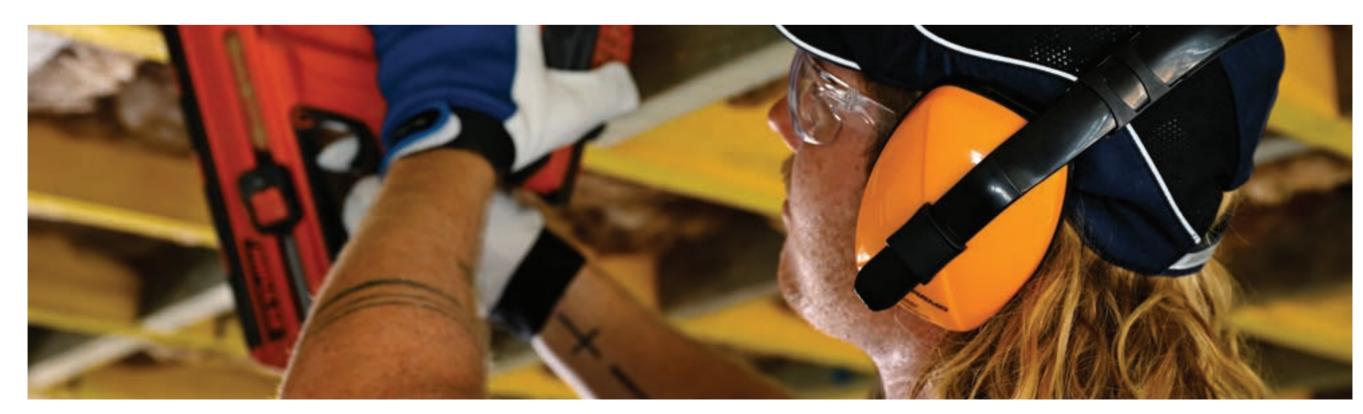




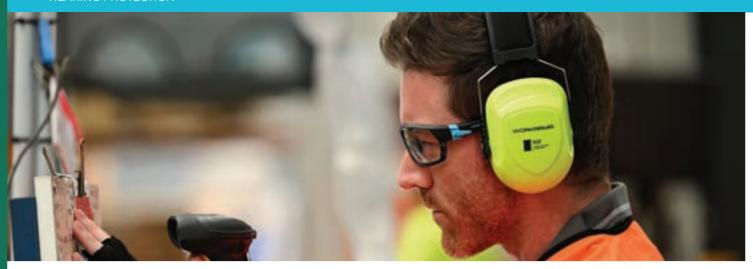




Guardian Performance	Guardian Hi Vis	Guardian Neckband	Guardian Hard Hat	Calibre Hard Hat
•	•	•	•	•
5	5	5	5	5
33	33	30	28	26
ABS	ABS	ABS	ABS	ABS
Headband	Headband	Neckband	Cap Attached	Cap Attached
Light Blue	Green	Light Blue	Light Blue	Green
	•			•
		•		
				•
•	•			
			•	•
9.3	12.5	12.9	9.8	11
262g	306g	290g	317g	344g



HEARING PROTECTION: EARMUFFS



Defender

PART NUMBER	BOX QTY	CARTON QTY
EMAH0Y529P2	1 Pair	25 Pairs



- Manufactured from robust ABS with polished earcups
- Soft cushion pads create a comfortable seal
- · Completely dielectric (no metal parts)
- Lightweight with a total weight of 189g Comfortable clamping force of 11.1N
- Supplied in a polybag with a cardboard header card







SLC₈₀ rating (dB)

Calibre Compact

PART NUMBER	BOX QTY	CARTON QTY	
EMAF0B526P2	1 Pair	40 Pairs	



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Manufactured from robust ABS with
- polished earcupsSoft cushion pads create
- a comfortable seal Folding headband Earmuff
- for compact storage
- Comfort band with additional padding
- Lightweight with a total weight of 201g
 Comfortable clamping force of 12N









SLC₈₀ rating (dB)

Calibre Heavy Duty

PART NUMBER	BOX QTY	CARTON QTY
EMWH0R531P2	1 Pair	20 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Manufactured from robust ABS with polished earcups
- Soft cushion pads create a comfortable seal Light and comfortable headband
- Completely dielectric (no metal parts)
- Lightweight with a total weight of 237g
 Comfortable clamping force of 8.9N

Lightweight with a total weight of 262g
Comfortable clamping force of 9.3N

• Light and comfortable headband

Lightweight with a total weight of 306g
Comfortable clamping

force of 12.5N











Class Level

SLC₈₀ rating (dB)

Guardian Performance

PART NUMBER	BOX QTY	CARTON QTY
EMWH0B533P2	1 Pair	20 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Manufactured from robust ABS with polished earcups
- Soft cushion pads create a comfortable seal
- Light and comfortable headband









Class Level

SLC₈₀ rating (dB)

Guardian Hi Vis

PART NUMBER	BOX QTY	CARTON QTY
EMWH0Z533P2	1 Pair	20 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Manufactured from robust ABS with polished earcups
- Soft cushion pads create a comfortable seal
- Hi Vis green cup









Class Level

SLC₈₀ rating (dB)

Guardian Neckband

PART NUMBER	BOX QTY	CARTON QTY
EMAN0B530P2	1 Pair	20 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Manufactured from robust ABS with polished earcups Soft cushion pads create a comfortable seal
- Stainless Steel wire neckband for added durability
- Lightweight with a total weight of 290g
 Comfortable clamping force of 12.9N











SLC₈₀ rating (dB)

Guardian Hard Hat

PART NUMBER	BOX QTY	CARTON QTY
EMACOR530P2	1 Pair	20 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Manufactured from robust ABS with polished earcups
- Soft cushion pads create a comfortable seal
- Lightweight with a total weight of 317g



Includes Hard Hat attachments 25mm and 30mm in size











SLC₈₀ rating (dB)

Calibre Hard Hat

PART NUMBER	BOX QTY	CARTON QTY
EMAC0Z525P2	1 Pair	20 Pairs



- Manufactured from robust ABS with polished earcups

 • Soft cushion pads create
- a comfortable seal
- · Dielectric construction • Lightweight with a
- total weight of 344g
 Comfortable clamping force of 11N
- Includes Hard Hat attachments 25mm and 30mm in size

HEARING PROTECTION: EARMUFFS

Does not include Hard Hat







Class Level

SLC₈₀ rating (dB)



Earplugs







Product Name	Bullet	Bullet Corded	Bell
Certified to AS/NZS 1270:2002	•	•	•
Class Level	5	5	4
SLC 80 Rating (dB)	26	26	22
Material	Polyurethane	Polyurethane	Polyurethane
Colour	Orange	Orange	Fluoro Yellow
Shape	Bullet	Bullet	Bell
Corded		•	
Cord Colour		Blue	
Reusable			
Metal Detectable			
Banded			
Band Colour			
Refill Option			
Reusable Storage Device			
Pack QTY's (Pairs)	5 - 30 - 200	5 - 30 - 100	200

Earplugs











Bell Corded	Silicone Reusable	Metal Detectable	Banded Earplug	Earplug Dispenser Kit
•	•	•	•	•
4	4	4	3	5
22	24	24	19	26
Polyurethane	Silicone	Silicone	Polyurethane	Polyurethane
Fluoro Yellow	Black	Blue	Light Blue	Orange
Bell	Tapered	Tapered	Tapered	Bullet
•	•	•		
Blue	Blue	Blue		
	•	•	•	
		•		
			•	
			Blue	
				•
				•
100	50	100	1	1 Kit includes 500 pairs of Bullet shape*

^{*}Dispenser Refill Bags. 500 pairs of both Bullet and Bell sold separately



HEARING PROTECTION: EARPLUGS



Bullet

PART NUMBER	BOX QTY
EPPU0O526UA	5 Pairs
EPPU0O526UB	30 Pairs
EPPU0O526UE	200 Pairs
EPPU0O526UF	500 Pairs*

*Dispenser Refill Bags.



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Soft yet durable polyurethane/memory foam construction
- Tapered bullet shape for ease of fitting
- Available in packs of 5 pairs, 30 pairs, 200
- pairs, and 500 pairs (dispenser refill)
- Box packaging features a side window letting you know when its time to reorder







SLC₈₀ rating (dB)

Bullet Corded

PART NUMBER	BOX QTY
EPPU0Y526CA	5 Pairs
EPPU0Y526CB	30 Pairs
EPPU0Y526CD	100 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Soft yet durable polyurethane/memory foam construction
- Tapered bullet shape for ease of fitting Corded for safety and security

HEARING PROTECTION: EARPLUGS

Available in packs of 5 pairs, 30 pairs and 100 pairs
Box packaging features a side window letting you know when its time to reorder









26

SLC₈₀ rating (dB)

Bell

PART NUMBER	BOX QTY
EPPB0B422UE	200 Pairs
EPPB0B422UF	500 Pairs*

*Dispenser Refill Bags.



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Soft yet durable polyurethane/memory foam construction
- Bell shape assists with fitment
- Hi Vis yellow
- Available in packs of 200 pairs and 500 pairs (dispenser refill)
 Box packaging features a side window letting you know when its time to reorder











SLC₈₀ rating (dB)

Class Level

Bell Corded

PART NUMBER	BOX QTY
EPPB0B422CD	100 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Soft yet durable polyurethane construction
- Bell shape assists with fitment
- · Hi Vis yellow Corded for safety
- and security
- Supplied in recyclable packaging
 Box packaging features a side window letting you know when its time to reorder





Class Level SLC₈₀ rating (dB)

Silicone Reusable

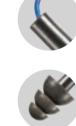
PART NUMBER	BOX QTY
EPST0B425CC	100 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Soft yet durable silicone construction
- Tapered shape assists with easy fit
- Corded style to limit Earplugs from being lost or dropped
- Washable and reusable
- Box packaging features a side window letting you know when its time to reorder









Class Level

SLC₈₀ rating (dB)

Metal Detectable

PART NUMBER BOX QTY EPSUMB424C2 100 Pairs



Australian Standard AS/NZS 1270:2002 Lic.SMK40540 SAI Global

- Soft yet durable silicone construction
- Tapered shape assists with easy fit
- Corded style to limit Earplugs from being lost or dropped
- · Metal detectable for use in sensitive manufacturing areas
- Washable and reusable



Class Level

SLC₈₀ rating (dB)

Banded

PART NUMBER	BOX QTY	CARTON QTY
EPSBHG31902	10 Pairs	240 Pairs



- Flexible band concept, designed to provide optimum fit and greater comfort
- The band is designed to adjust to head and jaw movement
- Soft yet durable polyurethane/memory foam construction Earplug







Class Level

SLC₈₀ rating (dB)

Earplug Dispenser

PART NUMBER	BOX QTY
EADICDENCI2	1

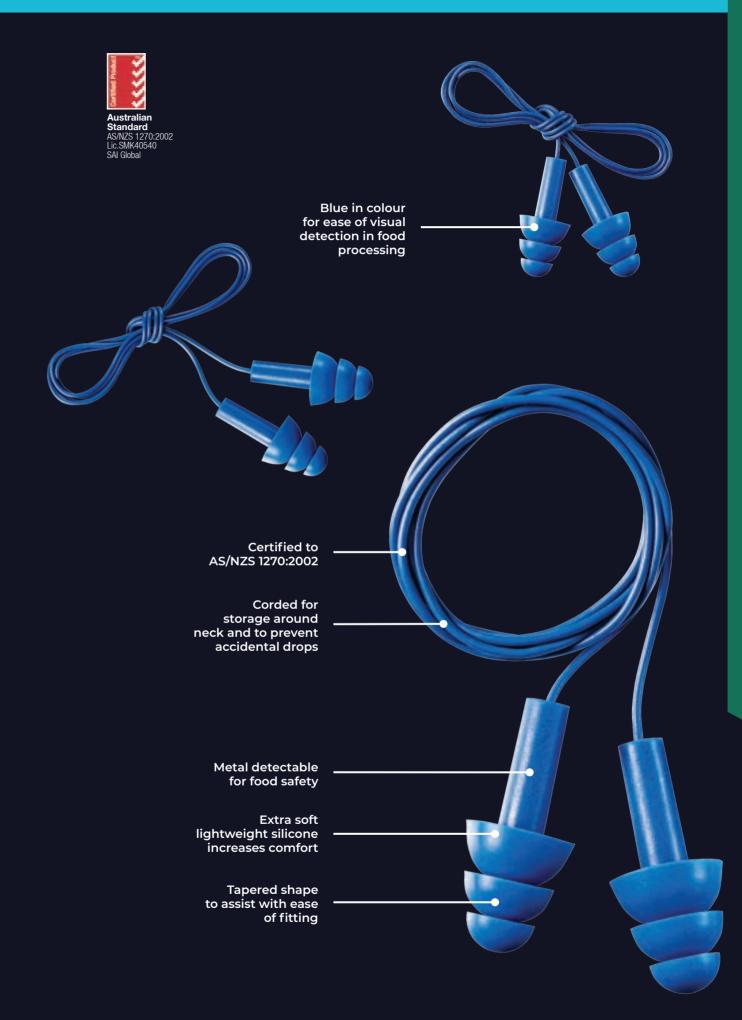


- Wall or shelf mount Earplug dispenser kit
- Kit includes 500 pairs of uncorded Earplugs and Dispenser
- Easy dispensing mechanism
- Tapered bullet shape polyurethane foam Earplugs are included
- Sturdy base to collect any loose Earplugs
- Complete with wall fixings

HEARING PROTECTION: EARPLUGS









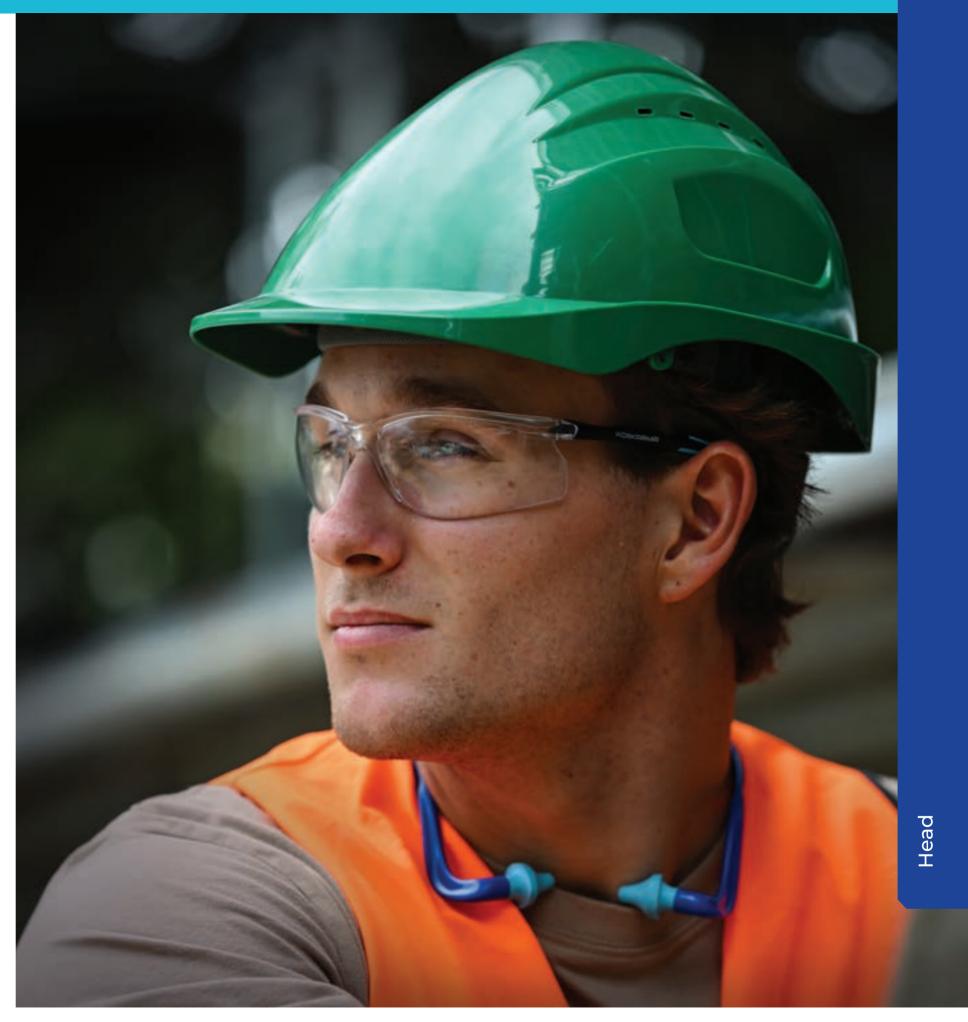
When working in or around locations where there is a potential risk of head injury occurring from falling objects, a suitable Hard Hat should be worn.

It has been reported that 84% of employees who sustain a head injury are not wearing Head Protection*.

The risk of being severely injured by falling objects, knocks, and bumps or falling when working at height makes wearing a safety helmet an essential part of Personal Protective Equipment.

*Source: https://tritechsafety.ca/types-of-personal-protective-equipment-ppe-organized-explained





Our Range

Keep your head in the game. Choose from a diverse range of durable and stylish headwear, including Hard Hats, Bump Caps and accessories.







Hard Hats

Bump Cap

Hard Hat Accessories

Testing Standards

WorkArma Hard Hats are manufactured and certified to AS/NZS 1801.1:1997 - Occupational Protective Helmets. WorkArma Hard Hats are certified by SAI Global.

This standard ensures certified Head Protectors pass a series of laboratory tests, which demonstrate the required protection received from the Head Protector's overall construction. It also stipulates the materials used to manufacture the hard hat shell and harness for varying applications.

Applications and recommended practices for the selection, use and maintenance of Occupational Protective Helmets are detailed in AS/NZS 1801. These include Hard Hats worn in industries such as building work, construction, general industry, underground working, mining, quarrying, forestry, bush firefighting, high temperature workplaces and other occupations with similar hazards.





Safety Tip

Sweat, hair products and heat are a few reasons why the internal harness shall be replaced every two years. The harness acts as a shock absorber in the event of impact so the harness should be in perfect condition.

Hard Hat Types

Hard Hats are certified under 3 categories as stipulated in AS/NZS 1801:1997

Туре	Material	Environments	Styles
Type 1: Industrial	ABS Plastic	Construction, building, general industry, mining forestry	Vented: cooling for high heat environments. Non- vented: ideal for dust and chemical environments
Type 2: High temperature workplaces	Polycarbonate (heat resistant)	High heat environments; foundries and smelters	Full brim: provides added protection from falling objects, sun and rain
Type 3: Bush firefighting	Polycarbonate with bushfire applications	High heat environments: bushfire fighting	Non vented and full brim only: Type 3 is the helmet tested and approved in accordance with AS/NZS 1801 with reflective tape chin strap
Bump Cap*: EN 812:2012	FR cotton, and inner polyethylene shell	Transport, trades, aviation, and manufacturing	Vented, dielectric, low- profile close-fitting cap static protection against knocks, bumps, lacerations

^{*}Not certified under AS/NZS 1801:1997

Bump Cap: Polyethylene or equivalent insert wrapped in a breathable cap style fabric.

Type 1: ABS plastic, Polyethylene absorption harness and terry towel sweatband.

Type 2: Hi temp plastic (polycarbonate) Polyethylene absorption harness and terry towel sweatband.

Type 3: Bush firefighting hi temp plastic (Polycarbonate) Polyethylene absorption harness and terry towel sweatband, chin strap, retro reflective marking, and specific flammability testing.

Testing Criteria

Classification	Bump Cap	Type 1	Type 2	Type 3
Shock absorption	•	•	•	•
Penetration by striker	•	•	•	•
Side stiffness	•	•	•	•
Electrical resistance	•	•	•	•
Resistance to ignition	•	•	•	•
Very hot temp (120°C)			•	•
Extremely hot temp (200°C)			•	•
Thermal performance of shell			•	•
Petaining chin stran strength				•

Retaining chin strap strength



How Does a Hard Hat Protect You?

An industrial Hard Hat is designed to protect you from objects making contact with the head, whilst a bump cap is designed to protect your head against making contact with a fixed object. A Bump Cap is designed to protect against knocks, bumps, and lacerations.



Impact

Full force of impact is received by the shell.



Stretch

The suspension stretches absorbing still more of the impact forces.



Flex

Shell flexes, absorbing part of the impact force.



Redistribute

Force is distributed by the suspension evenly over a greater area of the head, reducing concentrations at any one point.



Distribute

This reduced force passes to the energyabsorbing points where the shell connects to the suspension point.



Reduce Force

Remaining impact forces, now diminished, are passed to the body's natural shock absorbers.



When Should I Replace My Hard Hat?

Australian Standards recommend Hard Hats should be replaced when:

- Has been "In Use" for greater than 3 years
- Has sustained a serious impact or heat exposure
- Has been in contact with harsh chemicals
- Shows signs of colour fading and/or milking finish
- Becomes brittle
- Has been used for alternate uses (wheel chock/seat)
- Is deemed unsafe by a trained professional
- The harness must be replaced every two years

Inspecting your Hard Hat

Under the brim of the Hard Hat is a stamp. 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.



Stamp under the brim of Hard Hat

Every WorkArma branded safety helmet has an issue date sticker on the inside of the shell for wearer to record their names and date of issue. If the sticker has not been used or has



Stamp on the inside harness of Hard Hat

been removed, replace the helmet three years from the manufacture date stamp under the brim or peak of the helmet.



Issue date sticker on the inside shell of Hard Hat

Head

Hard Hats

Product Image







Product Name		Vented Hard Hat	
Certified to AS/NZS 1801:1997	•	•	•
Conforms to EN 812:2012			
Material	ABS Type 1	ABS Type 1	ABS Type 1
Colour	White	Green	Orange
Peak Style	Standard	Standard	Standard
Vented	•	•	•
6 Point Harness	•	•	•
Adjustable Mechanism	Ratchet	Ratchet	Ratchet
Extended Comfort Sweatband	•	•	•
Interior Padding			
Reflective Piping			
25mm Attachment	•	•	•

Hard Hats











	Vented Hard Hat		Micropeak	Bump Cap
•	•	•	•	
				•
ABS Type 1	ABS Type 1	ABS Type 1	ABS Type 1	ABS Shell / Polyester Fabric
Yellow	Fluoro Orange	Fluoro Yellow	White	Blue
Standard	Standard	Standard	Micro	Micro
•	•	•	•	•
•	•	•	•	
Ratchet	Ratchet	Ratchet	Ratchet	Hook & Loop Tape
•	•	•	•	
				•
				•
•	•	•	•	
•	•	•	•	•

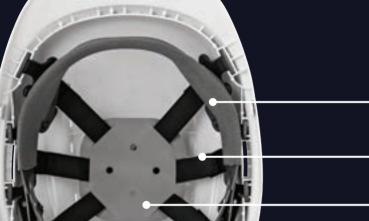




Venting for increased airflow and heat reduction

Rain gutter deflects water away from Hard Hat





Detachable foam sweat band

Harness helps in distributing impact forces

Cradle maintains webbing in place and increases comfort



Certified to AS/NZS 1801:1997

Peak deflects impact away from user's face with added benefit of **UV** protection





Australian Standard AS/NZS 1801:1997 Lic.SMK40263 SAI Global



















Vented Hard Hat

- Manufactured from lightweight durable ABS Type 1
- 11 points of ventilation for air circulation and heat reduction
- Dielectric no metal components
- 6 point, 18mm webbing harness for stability and comfort
- Multi-adjustable internal harness with ratchet for
- personalised fit and stability
- Replaceable temple to temple sweatband
- Comfort crown adds
- comfort and stability
 Replaceable harness which extends from 52cm to 66cm
- 30mm attachment points to add your favourite Earmuff or Visor

PART NUMBER	COLOUR	PACK QTY	CARTON QTY
HHSVAWRP002	White	1	20
HHSVAGRP002	Green	1	20
HHSVAYRP002	Yellow	1	20
HHSVA0RP002	Orange	1	20
HHSVAZRP002	Fluoro Yellow	1	20
HHSVANRP002	Fluoro Orange	1	20





Australian Standard AS/NZS 1801:1997 Lic.SMK40263 SAI Global





Micropeak

- · Manufactured from lightweight durable ABS Type 1
- Dielectric no metal components
- 6 point, 18mm webbing harness for stability and comfort
- Multi-adjustable internal harness with ratchet for personalised fit and stability
- Replaceable temple to temple sweatband
 Comfort crown adds
- comfort and stability Replaceable harness which extends from 52cm to 66cm
 30mm attachment points
- to add your favourite Earmuff or Visor

PART NUMBER	COLOUR	PACK QTY	CARTON QTY
HHMVAWPP002	White	1	20









Bump Cap

- Certified to EN 812:2012 -Industrial Bump Cap
- Cap style design with vented protective shell
 Fully adjustable with hook and loop
- Vent and
- Removable inner shell allows for decontamination
- Completely dielectric

nted for air circulation	PART NUMBER	COLOUR	PACK QTY	CARTON QTY
neat reduction	HBSVMBHP002	Navy	1	6







Plastic Brim

- 360° sun protection
- Self collapsing for storage into an attached carry bag
 Elasticated attachment
- for universal fit to any safety helmet
- Sun coverage 48cm diameter, 22cm long neck flap
- Outer ring twists to store within a pocket into a hand size pack

PART NUMBER	COLOUR	PACK QTY	CARTON QTY
HAWSCN0P002	Fluoro Orange	1	100
HAWSCZ0P002	Fluoro Yellow	1	100

*Does not include Hard Hat







Winter Liner

- 100% polyester polar fleece for warmth
- Velcro Hard Hat attachment points for stability
 Chin closure adds
- additional security and extra warmth
- May be worn with a Hard Hat or on its own as a balaclava
- Machine washable
- HALOCBOP002 Navy









Chin Strap

- · Comfort chin strap
- Fully adjustable and hooks onto helmet attachment points
- Provides additional security and stability of the safety helmet

PART NUMBER	COLOUR	PACK QTY
HACOECODOOS	Plack	Е







Sweat Band

- Replaceable comfort cotton, foam backed sweatband
- Designed for moisture absorption, hygiene and comfort
- Easily hooks onto to Hard Hat harness

PART NUMBER	COLOUR	PACK QTY
HABOCSOPOO2	Black	5

Protective Workwear



WorkArma's head to toe PPE range is designed to incorporate an extended range of PPE items that protect the wearer from industrial hazards which may cause injury. The Protective Workwear range includes High Visibility Vests, Disposable Coveralls, Rainwear, Knee Pads, Welding Protection and more.

Although the majority of the above products do not fall under Australian and New Zealand certification, WorkArma products are manufactured and/or certified to the highest international standards.



Our Range

Safety gear for any job. Our comprehensive range of protective clothing combines comfort with durability.



High Visibility Clothing

Welding Blankets

High-Visibility Safety Workwear is any piece of clothing that makes you more visible to others whether on a building site, driving or walking across the road. This can be in jackets, vests, shirts, and pants with bright colours or reflective features.

Calico Hood

High Visibility clothing should be manufactured according to AS/NZS 4602.1:2011 - High Visibility Safety Garments.

Welding Apparel

Day Use Only - Class D

- For daytime use only, providing high visibility in daylight
- To meet the standard for Class D, a garment must have an approved colour of high visibility material that encircles the entire upper torso, and the high visibility fabric should cover at least 0.2m² of the upper torso (not including the sleeves)
- Generally speaking, colours like orange-red, red, yellow and orange are the only colours specified in the standard

Night Use Only - Class N

- Designed to provide high visibility in the dark, with retro reflective tape that directs applied light
- This tape must be at least 50mm wide, and compliant taping configurations are the Hoop, X Back, or H patterns as specified in the AS/NZS 4602.1 2011 standard
- For Class N, the colour of the background material of the garment is not specified
- N Class garments are not compliant to Class Day or Class Day Night

Day Night Use - Class D/N

 These garments have features that meet both the Class D and Class N requirements outlined above

Aprons

- These garments include retro reflective elements on a high visibility background material that incorporate an approved colour and tape configuration
- Patterns include "H" which references the H pattern of the rear of the garment and "X" which references an X pattern on the rear of the garment. However, both styles incorporate a "Hoop" tape that provides 360° visibility





Disposable Coveralls

Protective Coveralls are generally specified with a 'Type', which refers to a host of International Standards. These standards cover a wide range of individual performance tests that check for resistance against:

- Abrasion and cracking
- Tensile strength and tear resistance
- Resistance to punctures
- Resistance to ignition

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- Resistance to chemical permeation
- Liquid repellents
- Resistance to spray and aerosols

Туре	Standard	Pictogram	Definition
Type 1	EN 14605		Gas tight protective clothing
Type 2	EN 14605		Non gas tight protective clothing
Type 3	EN 14605		Protection against pressurised liquid jet
Type 4	EN 14605		Protection against saturate liquid splash
Type 5	N 13982-1		Protection against harmful particulates
Type 6	EN 13982-1		Protection against liquid spray

WorkArma Offering

Disposable Coveralls Protection Levels







Type 4

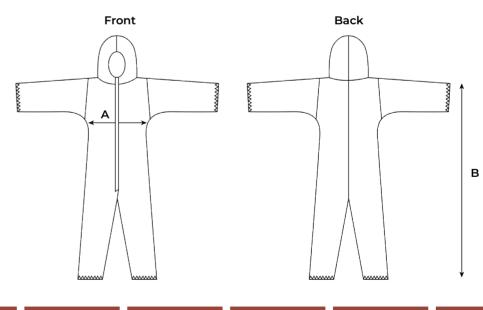
Spray tight suits that can protect from saturated liquid splash. Required seam sealed construction.

Type 5 Dry particle suits that provide protection from harmful particles.

Type 6 Reduced Spray Suits, that provide protection against light liquid spray.

Disposable Coveralls Fitting Guide

When wearing coveralls, it's important to have the correct fit in order to maximise protection. First measure your chest (see point A) from underneath your armpit to the other, then measure from the top of your shoulder to the your ankle (see point B). Match your closest measurements to the chart below, be advised that disposable coveralls are designed to fit oversized.



Units	Medium	Large	XL	2XL	3XL
A (cm)	61	64	67	70	73
B (cm)	165	170	175	180	185



Disposable Coveralls Materials

The materials for the various protective suits and coveralls can be divided into woven and non-woven fabrics.



Woven

Because of their structure, woven fabrics do not give very good protection, as there will be holes in the 'corners' between structured yarns/fibres. Therefore, woven fabrics are not suitable for protection suits.



Non-woven

A non-woven fabric is a fabric whose fibres are completely unstructured, but are distributed so as to be uniform. Such fabric will have a denser structure and provide better protection. Therefore, most fabrics used for protective clothing and coveralls are made from non-woven materials. The fibres are spun-bonded together to various degrees, which creates a dense fabric.

Types of non-woven fabrics



PP (polypropylene)

PP is a polymer that can be shaped into fibres usable for clothing and hygiene articles. Polypropylene used for clothing is made from non-woven material that does not absorb moisture, but transports it away from the body. Therefore, a polypropylene suit is typically not dense enough to be tested and approved as category 3 protective clothing. Disposable clothing of polypropylene will only be used as protection against dirt and/or product protection. There are many different qualities/weights of this type of fabric.



MF

This is a 2-layer fabric. The protective layer is a microporous polyethylene film of 6-20 µm (eur 0.006-0.020 Mm). The film is fixed to a base layer of non-woven fibres.

Suits made from this material provide adequate protection. The suit is smooth on the upper side, which prevents accumulation and penetration of particles and fluids. The suit feels impermeable because of the film. The film, however, may vary and therefore does not provide uniform protection. The thickness of the protective film, coupled with the fact that it is placed on the outside of the fabric, exposes it to physical impact. If the film gets scratched or worn, it ceases to protect. The fabric weighs approximately 60 g/m². May vary according to the manufacturer.



SMS/SMMS

Spunbond-meltblown-spunbond polypropylene. The fabric consists of 3 layers with a 0.1 Mm fibre structure in the middle that has been melt-blown into a relatively dense structure. This constitutes the fabric barrier and is protected by a layer of spun-bonded polypropylene on each side.

Clothing made from SMS is suitable for protection against certain particles and the suits are relatively comfortable, with great breathability thanks to the 'leaky' structure. Because of the outer polypropylene side of the suit (not smooth/repellent), liquids can penetrate, and particles can accumulate.

SMMS Spunbond-Meltblown-Meltblown-Spunbond. The fabric consists of 4 layers. Like SMS but with an extra meltblown core.

Knee Pads

WorkArma's range of Knee Pads have been tested in accordance with EN 14404:2010 - Protection for work in kneeling position.

Test Method	Explanation	Result
Innocuousness testing (in accordance with EN 340)	Materials and seams are tested against climatic conditions for signs of deterioration	Pass
Penetration resistance Level 1 = 100N almost 1 tonne of force. Level 2 = 250N almost 2.5 tonne of force	Conducted while applying a designated force to the internal surface of Knee Pad. To pass the classification the internal structure must not deflect by more than 5mm	Pass
Force distribution (recorded force less than 30N)	Knee Pads need to distribute a bearing force 750N to 3 sensors that will demonstrate the Knee Pads ability to reduce the force to less than 30N	Pass
Peak transmitted force in impact (peak force <4kN, mean force <3kN)		Pass
Restraint by straps or other attachment method (Type 1 tested under 10N force, Type 2 shall be in pockets or tested under 100N force)		Pass
Ergonomics (assessed over a 15 minute period)		Pass
Compliance of straps (will stretch by 40mm under force of less than 10N per strap)		Туре 1





Welding Protection

Within EN ISO 11611 there are a series of tests – the most important of which are described in ISO 6942, ISO 9150, ISO 15025 and EN 1149-2, ISO 11611 has two classes – if the fabric passes all the tests, it is designated as Class 1 and if the fabric receives a Class 2 rating for the ISO 6942 and ISO 9150 tests, it is designated as Class 2.

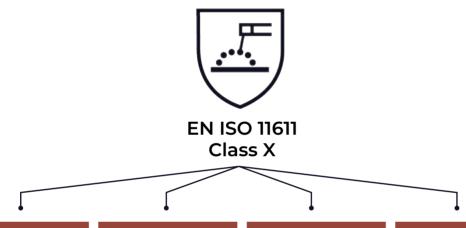
Class 1

Lower Hazard Welding Applications

Class 2

Higher Hazard Welding Applications

Explaining The Different Tests



ISO 6942

This is a test method The test method for for assessing fabrics and fabric The test consists of combinations exposed fabric sample for 10 to radiant heat. In this test, a fabric sample is exposed to radiant heat (infrared rays). The formation of holes temperature on the must be within the tolerances (set in reverse (unexposed) the standard). The side of the sample is registered using a calorimeter. can take place in Subsequently, the two ways: length of time the In procedure A (leads sample can remain exposed before its temperature rises by

Class 1 temperature increase occurs after ≥ 7 seconds. Class 2 temperature increase occurs after ≥ 16 seconds.

24°C is measured. This

test is also used for

different classes

as follows:

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EN 531C and has two

ISO 15025

limited flame spread. applying a flame to a seconds. To pass the test, the after flame & smoulder times and application of a flame

to Class A1), the flame is applied horizontally. In procedure B (leads to Class A2), the flame is applied laterally.

ISO 9150

Determining the behaviour of fabrics when exposed to small spatters of molten metal. In this test, droplets of molten metal are spattered on a vertically suspended fabric sample. The number of droplets it takes to cause an increase in temperature of 40°C on the reverse side of the sample is determined. This test also has two classes as follows:

Class 1 ≥ 15 droplets of molten metal. Class 2 ≥ 25 droplets of molten metal.

EN 1149-2

This is a test method

for measuring the electrical resistance of a fabric sample and determining whether an electrical charge passes through the sample from the outside to the inside. For further information on this EN Standard please refer to the EN1149 section.

Welding Blankets vs. Welding Drapes

Welding blankets are heat-resistant shields designed to cover an object during heat treatment and keep the object at a required temperature. Similar to welding blankets, welding drapes are also used as a shield. They are used to protect an immovable object in potential danger from nearby welding. To be truly effective, a drape should be carefully positioned so that the splatter and dross run off the fabric



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Safety Vests

Product Image



Product Name	Yellow Day Use
Complies to AS/NZ 4602.1:2011	•
Material	Polyester
Colour	Yellow
Closure Type	Hook & Loop
Reflective Tape Design	
Day Use Only	•
Day & Night Use	
Breathable	•
Size	S - 4XL

Rain Wear

Product Image



Product Name	Full Length Rain Coat
Material	Polyester PVC
Colour	Hi Visibility Yellow
Jacket Length	Full
Jacket and Trouser Set	
Storm Cuff	•
Pocket Type	Storm Flap
Closure Type	Zipper / Storm Flap
Concealed Hood	•
Rear Vents	•
Hi Visibility	•
Reflective Tape	•
Size	S - 4XL

Safety Vests







Orange Day Use	Yellow Day/Night Use	Orange Day/Night Use
•	•	•
Polyester	Polyester	Polyester
Orange	Yellow	Orange
Hook & Loop	Hook & Loop	Hook & Loop
	H Back	H Back
•		
	•	•
•	•	•
S - 4XL	S - 4XL	S - 4XL

Rain Wear







Thigh Length Rain Coat	Rain Trouser	Rain Suit
Polyester PVC	Polyester PVC	Polyester PVC
Hi Visibility Yellow	Hi Visibility Yellow	Hi Visibility Yellow
3/4		3/4
		•
•	•	•
Storm Flap	Side Access	Storm Flap
Zipper / Storm Flap	Elastic Waist	Zipper / Storm Flap
•		•
•		•
•	•	•
•		•
S - 4XL	S - 4XL	S - 4XL









Yellow Day Use Vest

- Safety vest conforms to AS/NZS 4602.1.2011
 High Visibility Safety Garments Class D
- Manufactured from high visibility yellow polyester
- Hook and loop closure for secure fit
- Size range S-4XL

PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WVDCH0VYSM2	Yellow	Small	1	50
WVDCH0VYMD2	Yellow	Medium	1	50
WVDCH0VYLG2	Yellow	Large	1	50
WVDCH0VYXL2	Yellow	XL	1	50
WVDCH0VY2X2	Yellow	2XL	1	50
WVDCH0VY3X2	Yellow	3XL	1	50
WVDCH0VY4X2	Yellow	4XL	1	50







Orange Day Use Vest

- Safety vest conforms to AS/NZS 4602.1.2011
 High Visibility Safety Garments Class D
- Manufactured from high visibility orange polyester
- Hook and loop closure for secure fitSize range S-4XL

PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WVDCH0VOSM2	Orange	Small	1	50
WVDCH0VOMD2	Orange	Medium	1	50
WVDCH0VOLG2	Orange	Large	1	50
WVDCH0VOXL2	Orange	XL	1	50
WVDCH0VO2X2	Orange	2XL	1	50
WVDCH0V03X2	Orange	3XL	1	50
WVDCH0VO4X2	Orange	4XI	1	50









Yellow Day/Night Use Vest

- Safety vest conforms to AS/NZS 4602.1.2011
 High Visibility Safety Garments Day/Night Use
- Manufactured from high visibility yellow polyester
 Premium reflective 50mm tape for Class D/N
- H Back designHook and loop closure for secure fit
- Size range S-4XL

PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WVNCHHVYSM2	Yellow	Small	1	50
WVNCHHVYMD2	Yellow	Medium	1	50
WVNCHHVYLG2	Yellow	Large	1	50
WVNCHHVYXL2	Yellow	XL	1	50
WVNCHHVY2X2	Yellow	2XL	1	50
WVNCHHVY3X2	Yellow	3XL	1	50
WVNCHHVY4X2	Yellow	4XL	1	50







Orange Day/Night Use Vest

- Safety vest conforms to AS/NZS 4602.1.2011
 High Visibility Safety Garments Day/Night Use
 Manufactured from high visibility orange polyester

 Dromium reflective 50mm
- Premium reflective 50mm tape for Class D/N
- H Back design
- Hook and loop closure for secure fit
- Size range S-4XL

PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WVNCHHVOSM2	Orange	Small	1	50
WVNCHHVOMD2	Orange	Medium	1	50
WVNCHHVOLG2	Orange	Large	1	50
WVNCHHVOXL2	Orange	XL	1	50
WVNCHHVO2X2	Orange	2XL	1	50
WVNCHHVO3X2	Orange	3XL	1	50
WVNCHHVO4X2	Orange	4XL	1	50







Full Length Raincoat

- Full length PVC/polyester Hi Vis Raincoat
- Press stud storm flap closure, with zipper
 Fully seam sealed
- Large hood with drawstring that folds away into zipped collar
- Elasticised storm cuff on wrists
- Rear air vents for comfort
- 25mm reflective tape across front of chest for enhanced visibility
- · Sized to fit over Workwear

SIZE	PACK QTY	CARTON QTY
Small	1	20
Medium	1	20
Large	1	20
XL	1	20
2XL	1	20
3XL	1	20
4XL	1	20
	Small Medium Large XL 2XL 3XL	Small 1 Medium 1 Large 1 XL 1 2XL 1 3XL 1





Thigh Length Raincoat

- 3/4 Length PVC/polyester Hi Vis raincoat
 Press stud storm flap
- closure, with zipper
- Fully seam sealed
- Large hood with drawstring that folds away into zipped collar
- Elasticised storm
- cuff on wrists

 Rear air vents for comfort
- 25mm reflective tape across front of chest for enhanced visibility
- Sized to fit over Workwear

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WRJNHSZYSM2	Small	1	20
WRJNHSZYMD2	Medium	1	20
WRJNHSZYLG2	Large	1	20
WRJNHSZYXL2	XL	1	20
WRJNHSZY2X2	2XL	1	20
WRJNHSZY3X2	3XL	1	20
WRJNHSZY4X2	4XL	1	20













Rain Trouser

- Durable PVC/polyester rain trouser with an elastic waist
 Hi Vis yellow for enhanced visibility
 Press stud closure to ankle cuffs

- Fully seam sealedSide access pocketsSized to fit over Workwear

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WRTNH0DYSM2	Small	1	20
WRTNH0DYMD2	Medium	1	20
WRTNH0DYLG2	Large	1	20
WRTNH0DYXL2	XL	1	20
WRTNH0DY2X2	2XL	1	20
WRTNH0DY3X2	3XL	1	20
WRTNH0DY4X2	4XL	1	20







Rain Suit

- 3/4 Length PVC/polyester Hi Vis raincoat
 Press stud storm flap closure, with zipper
 Fully seam sealed
 Large hood with drawstring that folds away into zipped collar

- Elasticised storm cuff on wrists
 25mm reflective tape across front of chest for enhanced visibility
 Durable PVC/polyester rain trouser with an elastic waist

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WRKNHSZYSM2	Small	1	20
WRKNHSZYMD2	Medium	1	20
WRKNHSZYLG2	Large	1	20
WRKNHSZYXL2	XL	1	20
WRKNHSZY2X2	2XL	1	20
WRKNHSZY3X2	3XL	1	20
WRKNHSZY4X2	4XL	1	20

Product Image



Disposable Coveralls





Product Name	White Polypropylene	Blue Polypropylene
Certified to EN 14605:2005+ A1:2009 (Type 4)		
Certified to EN ISO 13982-1:2004+ A1:2010 (Type 5)		
Certified to EN 13034:2005+ A1:2009 (Type 6)		
Certified to EN 1149-5:2018 (Anti-Static)		
Certified to EN 1073-2:2002		
Certified to EN 14126:2003+AC2004		
Material	Polypropylene	Polypropylene
Colours	White	Blue
Type 4/5/6		
Type 5/6		
Weight (gsm)	50	50
Elasticated Wrists and Ankles	•	•
3 Piece Hood		
2 Way Zipper	•	•
Seam Seal Tape		
Breathable	•	•
Sizes	M - 3XL	M - 3XL

0	







White SMS Type 5/6	Blue SMS Type 5/6	SMS Type 4/5/6	SMS Laminated
		•	
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
		•	•
SMS	SMS	SMS	Laminated SMS
White	Blue	White	White
		•	
•	•		•
55	55	63	63
•	•	•	•
•	•	•	•
•	•	•	•
		•	
•	•	•	•
M - 3XL	M - 3XL	M - 3XL	M - 3XL









White Polypropylene Coveralls

- Lightweight polypropylene Disposable Coverall
- Durable 50gsm fabric for industrial use
- 2 way zipper for ease of donning and doffing
- Elastic bound hood, wrist and ankles provide a secure fit
- Size range M-3XL

PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QT
WCFP00ZWMD2	White	Medium	1	50
WCFP00ZWLG2	White	Large	1	50
WCFP00ZWXL2	White	XL	1	50
WCFP00ZW2X2	White	2XL	1	50
WCFP00ZW3X2	White	3XL	1	50
	***************************************	2712	1	







Blue Polypropylene Coveralls

- Lightweight polypropylene Disposable Coverall
- Durable 50gsm fabric
- for industrial use

 2 way zipper for ease of donning and doffing
- Elastic bound hood, wrist and ankles provide a secure fit
- Size range M-3XL

PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WCFP00ZBMD2	Blue	Medium	1	50
WCFP00ZBLG2	Blue	Large	1	50
WCFP00ZBXL2	Blue	XL	1	50
WCFP00ZB2X2	Blue	2XL	1	50
WCFP00ZB3X2	Blue	3XL	1	50









EN 1149







White SMS Type 5/6 Coveralls

- 3 Layer Lightweight Spunbond Meltblown Spunbond (SMS) Disposable Coverall
- Durable 55gsm fabric for industrial use
- Two-way zipper for ease of donning and doffing
- Elastic bound hood, wrist and ankles provide a secure fit
- Size range M-3XL

PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WCFSL5ZWMD2	White	Medium	1	50
WCFSL5ZWLG2	White	Large	1	50

2XL

WCFSL5ZWXL2 White

WCFSL5ZW3X2 White

WCFSL5ZW2X2 White





















50

50

50



Blue SMS Type 5/6 Coveralls

- 3 Layer Lightweight Spunbond Meltblown Spunbond (SMS) Disposable Coverall
- Durable 55gsm fabric for industrial use
- Two-way zipper for ease of donning and doffing
- Elastic bound hood, wrist and ankles provide a secure fit
- Size range M-3XL





PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WCFSL5ZBMD2	Blue	Medium	1	50
WCFSL5ZBLG2	Blue	Large	1	50
WCFSL5ZBXL2	Blue	XL	1	50
WCFSL5ZB2X2	Blue	2XL	1	50
WCFSL5ZB3X2	Blue	3XL	1	50



EN 14605 TYPE 4

EN 13034 TYPE 6





EN ISO 13982 TYPE 5

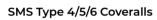
PROTECTION AGAINS
BIOLOGICAL
HAZARDS
EN 14126











- 3 layer lightweight Spunbond Meltblown Spunbond (SMS) Disposable Coverall
- Visible Seam seals for
- superior liquid protection

 Durable 63gsm fabric
- Elastic bound hood, wrist and ankles provide a secure fit
- Size range M-3XL







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PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WCFSL4ZWMD2	White	Medium	1	50
WCFSL4ZWLG2	White	Large	1	50
WCFSL4ZWXL2	White	XL	1	50
WCFSL4ZW2X2	White	2XL	1	50
WCFSL4ZW3X2	White	3XL	1	50





EN 1149

















Laminated Type 5/6 Coveralls

- 3 layer Lightweight Spunbond Meltblown Spunbond (SMS) laminated Disposable Coverall
- Durable 63gsm laminated SMS to front exposure and breathable 55gsm
- SMS rear back panel

 Two-way zipper for ease of donning and doffing
- Elastic bound hood, wrist and ankles provide a secure fit
- Size range M-3XL

PART NUMBER	COLOUR	SIZE	PACK QTY	CARTON QTY
WCFSL0ZWMD2	White	Medium	1	50
WCFSL0ZWLG2	White	Large	1	50
WCFSL0ZWXL2	White	XL	1	50
WCFSL0ZW2X2	White	2XL	1	50
WCFSL0ZW3X2	White	3XL	1	50





Knee Pads

Product Image



Product Name	All Purpose
Certified to EN 14404:2004+A1:2010	
Pad Design	Low Profile Smooth
Outer Shell Type	Hard Plastic
Internal Padding	Foam
Closure Type	Hook & Loop
Non Marking Shell	
Knee Sleeve	•
Extended Thigh Support	
Fully Adjustable	•
Storage Bag Included	•

Knee Pads





Soft Flex	Max Comfort
•	•
Curved Ribbed	Flat Non Slip
Flexible PVC	Durable TPR
EVA	Soft Gel Core
Quick Release Buckle	Hook & Loop
•	•
	•
•	•
•	•















Soft Flex

- Certified to EN 14404:2004+A1:2010 Knee Protectors for work in the kneeling position
- Comfortable Knee
 Pads with soft flexible
 PVC outer shell
- Fully adjustable elastic strap with secure quick release buckle
- EVA foam padding for additional comfort

	and support
•	Storage bag included

ART NUMBER	PACK QTY	CARTON QTY
KPESEVKOF2	1 Pair	24 pairs













All Purpose

- Hard plastic shell for durable protection
 Hook and loop closure for stability and adjustment
- Storage bag included

(nee sleeve helps prevent	PART NUMBER	PACK QTY	CARTON QTY
traps rubbing when vearing shorts	WKPEHPVKOF2	1 Pair	24 pairs

Max Comfort

- Certified to EN
 14404:2004+A1:2010 Knee
 Protectors for work in the
 kneeling position
 Comfortable Knee Pads
- with tough outer shell and soft gel core
- Extended upper padded
- support for above knee protection

 Neoprene comfort straps allow for movement while supporting the knee
- Non marking and non slip shell
 Storage bag included

PART NUMBER	PACK QTY	CARTON QTY
WKPEHRVKOF2	1 pair	24 pairs









PVC Apron

- Reusable lightweight PVC apron
 Durable full-length
 L 120cm x W 90cm
 Protection against oils, water, mild chemicals, blood and mildew resistant

PART NUMBER	COLOUR	PACK QTY	CARTON QT
WAFV0FTW0F2	White	1	20
WAFV0FTB0F2	Blue	1	20
WAFV0FTK0F2	Black	1	20

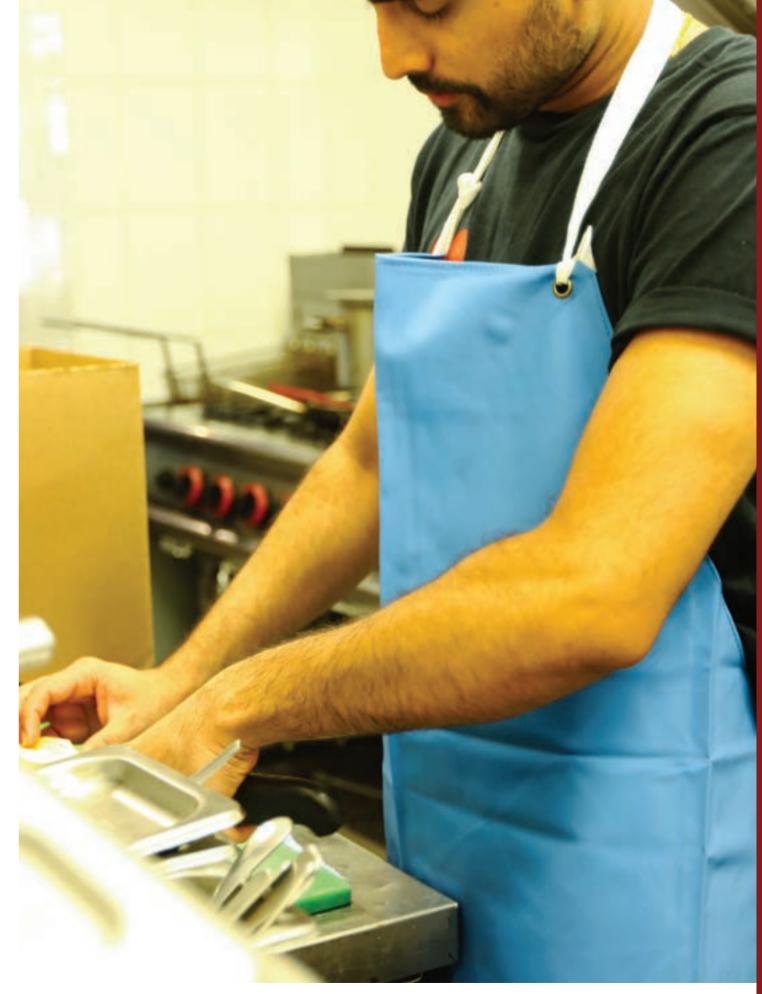






Calico Hood

- 100% lightweight calico cotton
 Keeps overspray or dust off head and hair
 Elastic bound face seal
- Absorbs sweat
- 10 calico hoods per packOne size fits all WCHC00DW0F2 OSFA 200



Workwear

Product Image



Welding Protection







Product Name	Jacket	Spats	Apron
Tested to ISO 11611			
Material	PROBAN® Drill	Chrome Leather	Chrome Leather
Leather Sleeves	•		
Closure	Press Stud Collar + Hook & Loop	Hook & Loop	Snap Buckle
Dimensions		240mm High	100 cm x 80cm
PROBAN® Treated	•		
Kevlar Stitching	•	•	•
Internal Pocket	•		
25mm Webbing Straps			•
Metal Eyelets			
Size	M - 2XL	OSFA	OSFA







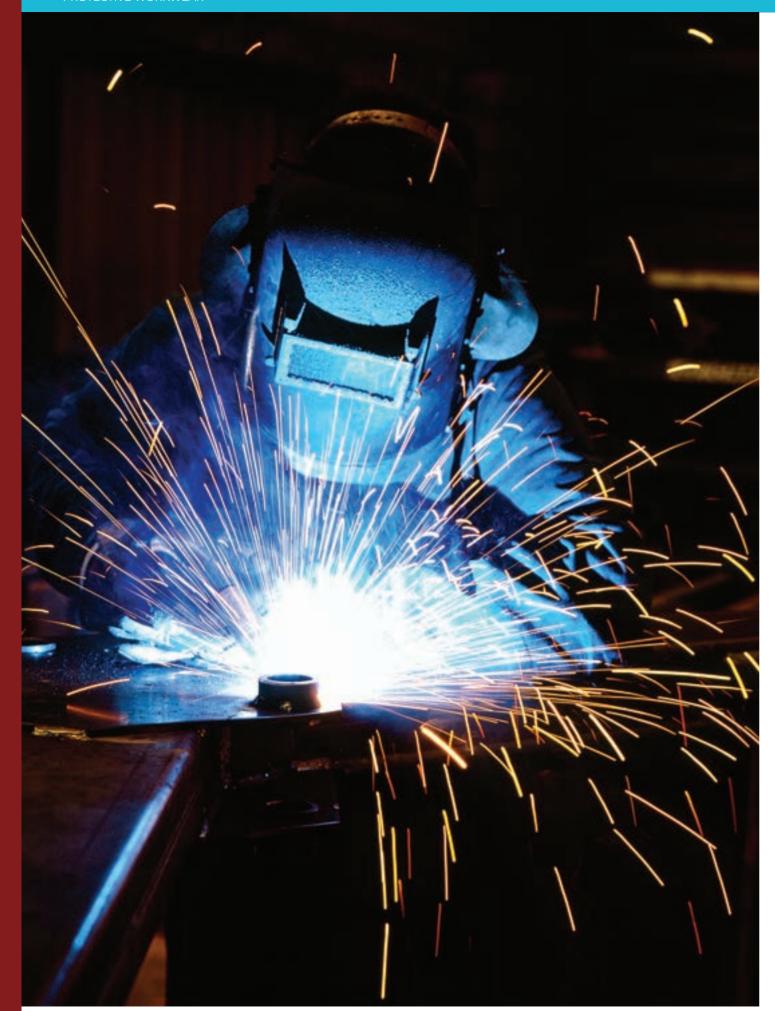




Blanket 2M	Blanket 3M	Sleeve	Hood
•	•		
Chrome Leather	Chrome Leather	Chrome Leather	PROBAN® Drill
		•	
		Snap Buckle	Drawstring
2m x 2m	3m x 3m	700mm	
			•
•	•	•	
•	•		
2m x 2m	3m x 3m	OSFA	OSFA













Welding Jacket

- Manufactured from premium PROBAN®
 Chrome leather sleeves provide protection to high wear areas
 Press stud collar and hook and loop closure for ease of donning when wearing gloves
- Large cuffs to assist when wearing in conjunction with gloves
 Aramid thread stitching across wear seams offer strength Sized to fit over Workwear
- Available in sizes M– 2XL

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WWJPLE0RMD2	Medium	1	10
WWJPLE0RLG2	Large	1	10
WWJPLE0RXL2	XL	1	10
WWJPLE0R2X2	2XL	1	10







Welding Spats

- Manufactured from heavy duty chrome leather
 Hook and loop closure for ease of donning and doffing while wearing gloves
- Aramid thread stitching across wear seams offer strength
- 240mm high to cover exposed ankle area

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WWSL0S0K0F2	OSFA	1	25







Welding Apron

- Manufactured from premium chrome leather
 Adjustable waist and neck straps allow for customisation of size and a secure fit
- Snap buckle closure
- · Aramid thread stitching 90cm Long x 60cm wide (Short Apron) or 100cm long x 80cm wide (Long Apron)

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WWAL0S0B0F2	90cm X 60cm	1	25
WWAL0L0K0F2	100cm X 80cm	1	20





Welding Blanket

- Manufactured from premium chrome leather
- Soft yet durable
- Aramid thread stitching across wear seams offers strength
- Brass eyelets surround blanket for ease of hanging
 Available in 2m x 2m or 3m x 3m

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WWBLC002022	2m x 2m	1	5
WWBI C003032	3m x 3m	1	2







Welding Sleeve

- Manufactured from premium chrome leather
 Soft yet durable
 Aramid thread stitching across wear seams offers strength
- Full arm protection with an adjustable buckle for a secure fit
- Snap buckle closure One size fits all

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WWLL0S0COF2	OSFA	1	25







Welding Hood

- Manufactured from PROBAN® cotton
 Suitable to be worn under a welding helmet
- Flared design for additional protection
- Adjustable drawstring face seal

PART NUMBER	SIZE	PACK QTY	CARTON QTY
WWHDOSODOE2	OSEA	1	100

Welding Gloves can be found on pages 96-99





W#RKARMA*





Stay protected with confidence.

Our library of technical information, product resources and certifications helps you choose the best PPE for the job.





Technical data sheets





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