



Weldclass

METAL MAG

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WELDING DEALS, NEWS & VIEWS

INTRODUCING
ALLCLEAR® PD30
PERSONAL
FUME
MONITOR



GASLESS WELDING TIPS & TRICKS

MACHINE DEALS UP TO \$1,100 OFF!

Your Weldclass Distributor:

www.weldclass.com.au



INTRODUCING ALLCLEAR® PD30 PERSONAL FUME MONITOR

REAL-TIME PROTECTION, AUSTRALIAN MADE



At Weldclass, we're proud to continue supporting Australian manufacturing with the launch of the new PD30 Personal Fume Monitor. Designed and made right here in Australia, the PD30 delivers real-time fume monitoring in a lightweight, easy-to-wear device built to handle the conditions of local workshops.

Weighing just 260 grams, the PD30 combines comfort, practicality, and toughness. It continuously measures and displays Time Weighted Average (TWA) fume readings, giving welders immediate feedback on their exposure levels throughout the day.

The device offers a 12-hour-plus runtime even at a one-second sampling rate, and its simple colour-coded display makes it easy to see when fume levels are within safe limits. It's practical, straightforward, and designed for everyday use.

As with all Weldclass equipment, the PD30 is built to last. Its shock-absorbent rubber surround and heavy-duty clip stand up to the knocks, sparks, and movement of real workshop environments.

Backed by a 7-year warranty and the confidence of being Australian Made, it's a product that reflects local innovation and reliability.



PD30 Personal Fume Monitor
- Australian Made. Built to Last.
Designed to Protect.



For larger operations, the PD30 can connect to the Weldclass Cloud Platform, allowing teams to monitor multiple devices and track fume data across entire worksites. An annual cloud subscription applies, but users can also view their data free via WiFi on a mobile phone for a simple, on-the-spot solution.

The RRP of the PD30 is \$1,799, and businesses or individuals interested in seeing it in action can request a demo through Weldclass.

The PD30 represents more than just a new piece of safety equipment - it's another example of how Australian manufacturing continues to deliver smart, durable, and effective solutions for our industry.

ALLCLEAR® PD30

Personal Fume Monitor

Stay on top of workplace air quality with the **Weldclass ALLCLEAR PD30**. This lightweight, wearable device delivers **real-time Time Weighted Average (TWA)** fume readings, giving you confidence in knowing exactly what your team is breathing. With 12+ hours runtime, simple colour-coded visuals, and **Australian-made durability**, the PD30 is the reliable choice for protecting welders on the job.



FEATURES

- ✓ Wearable – Measure welding fumes directly where your people work
- ✓ Designed and Manufactured in Australia
- ✓ Colour coded visuals for fast representation of the air quality
- ✓ Shock absorbent protective rubber surround
- ✓ Tough and Durable clip to attach to clothing or belts.



Time Weighted Average (TWA) Reading



Small and Lightweight 260g



12+ Hrs Runtime

\$1,799⁰⁰*
Incl GST
WC-01688



Specifications	
Dimensions (mm)	120(H) x 74(W) x 32(D)
Weight	260g
Power Supply	USB-C
Battery Capacity	Lithium Ion battery 3.7V
Battery Life	+12 hr
Particle Size	0.3um – 10um
Connection	WiFi
Data Storage	3 years data storage



* Connect multiple PD30's to our Cloud Platform to keep track of fume control in large and small workshops alike!

Please Note: An annual Cloud Subscription fee applies.

* You can also view the data free on a Mobile Phone, via a WiFi connection.

PROMAX TGR40

Tungsten Electrode Grinder



-  Suits 1mm to 4mm TIG Tungstens
-  Available as Kit with Rotary Tool
Or as Attachment Only
-  3 Preset Grinding Angles
15°, 22.5°, 32°

From
\$268⁰⁰*
Incl GST



Part No. WC-01864	Rotary Tool Kit Includes	From*
	TGR40 Rotary Tool (Cordless / Rechargeable) TGR40 Tungsten Grinder Attachment Protective Cover 10x Diamond Wheels 2x Spindles Spanner and Screw Driver USB-C Charging Cable Carry/Display Case	\$268.00

Part No. WC-01854	Attachment Kit Includes	From*
	TGR40 Tungsten Grinder Attachment (Fits to most rotary tool brands) Protective Cover 10x Diamond Wheels 2x Spindles	\$139.00



MORE INFO | VIDEO

www.weldclass.com.au/tgr40



TIG TORCHES STANDARD

17 & 26 Series with Valve



- Suits most inverter welders with 'basic/standard' Lift-TIG function
- For use on machines that don't have internal TIG gas line/fitting, gas hose on torch is connected directly to gas bottle/regulator
- Valved head for gas on/off control at the torch handle
- Flexible torch neck allows torch head to be moulded to the optimum welding position
- Includes ready-to-weld parts kit

From ~~\$129~~

\$99⁰⁰*
Incl GST



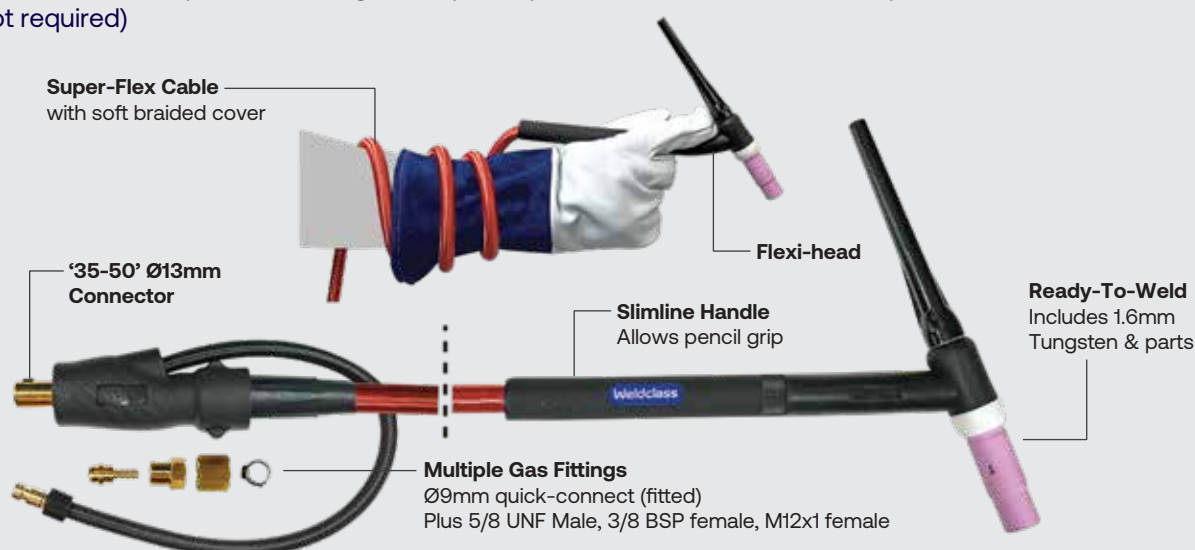
Part No.	Description	Use with/for	From*
WC-00992	#17FV (150 Amp) 4m with 10-25 & 35-50 Connections	Standard inverter machines 130A-250A+ Tungsten electrodes up to 2.4mm Welding materials up to ~3mm thickness	\$99.00
WC-01046	#26FV (200 Amp) 4m with 35-50 Connection	Standard inverter machines 180A-250A+ Tungsten electrodes up to 3.2mm	\$149.00
WC-01049	#26FV (200 Amp) 8m with 35-50 Connection	Welding materials up to ~4-5mm thickness	\$199.00

TIG TORCHES SUPER-FLEX

Platinum TK Series



- For use on professional TIG welders (typically AC/DC machines) where gas is routed through the machine
- Where a lightweight, flexible and slimline torch is preferred for maximum dexterity & control
- Often used where operator is using a foot pedal (as all controls are via the foot pedal, switch on the torch is not required)



From ~~\$219~~

\$199⁰⁰*
Incl GST

Part No.	Description	From*
WC-04997	PLATINUM TK17 Super-Flex 4m (150 Amp)	\$199.00
WC-01807	PLATINUM TK18 Super-Flex 8m Water-Cooled (350 Amp)	\$399.00
WC-01810	Trigger Kit Suit TK17 Torch	\$59.90
WC-01811	Trigger Kit Suit TK18 Torch	\$69.90

PLATINUM LT40

LPG Burner Torch Kits

As used by
Home Built By Jeff



Impressive Output
Up to 500mj/h (475,000 BTU)
& 1,200mm flame length

Torch Lengths
1,000mm & 600mm

Flame Controls
Heating flame adjustment
Pilot adjustment*
Squeeze trigger*
*(Included on all models,
except for Handyflame Kit)

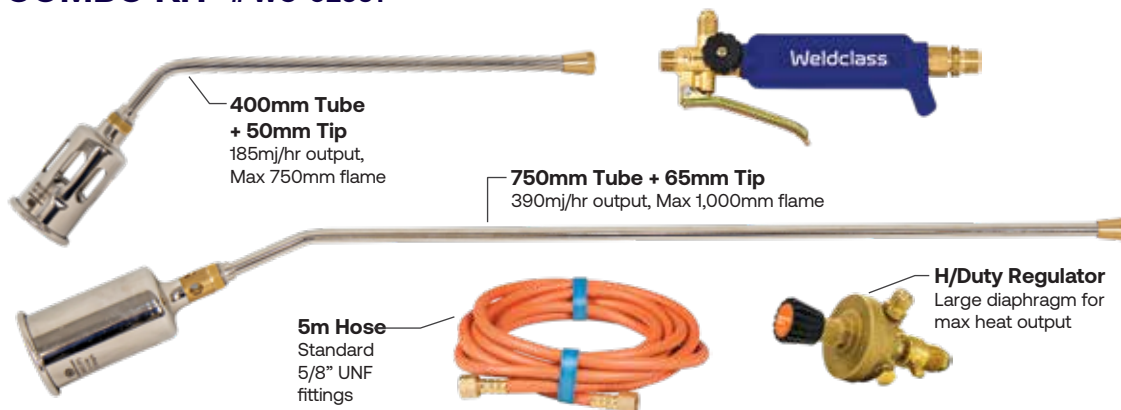
Unique Swivel Joint
Eliminates hose
torsion/tension

H/Duty Handle
Screwless Single-piece
molded design

5/8: UNF
Standard/common
connections



COMBO KIT # WC-02991

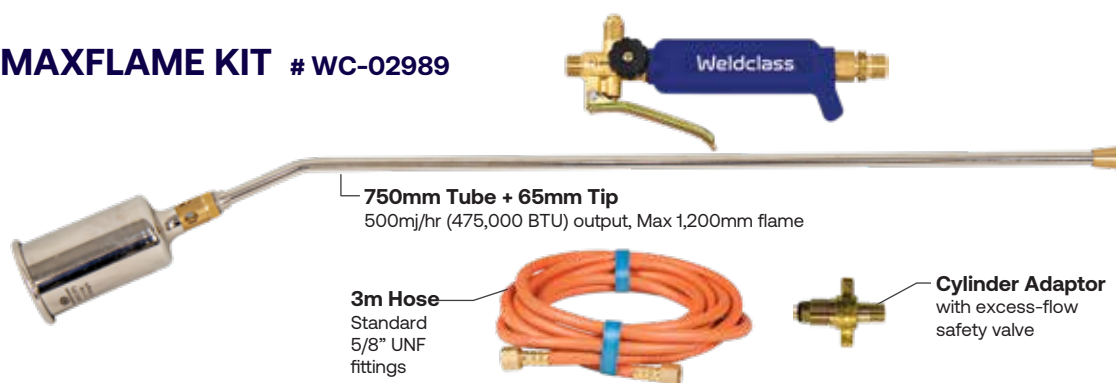


The "All-In-One" kit with
two tube lengths & two
tip sizes.

Gas regulator reduces
operating pressure to
≤400kpa for reduced
gas consumption, more
controlled gas flow &
finer flames adjustment.

From ~~\$399~~
\$349⁰⁰*
Incl GST

MAXFLAME KIT # WC-02989



Operates on full bottle
pressure*, with large
tip for maximum heat
output & flame size.

*Typically 600-1400 kpa
depending on ambient
temperature

From ~~\$319~~
\$279⁰⁰*
Incl GST

HANDY FLAME KIT # WC-02988



Budget option with
good flame power.

Operates on full bottle
pressure.

From ~~\$199~~
\$179⁰⁰*
Incl GST

PLATINUM SERIES

Oxy Kits

- Heavy duty Platinum series cutting, welding and brazing kits
- 7 year warranty offer on regulators, blowpipe handle and cutting attachment
- Bonus combination circle/roller guide
- Robust stainless steel tool box with plenty of space

KIT CONTAINS:

Oxygen Regulator, Acetylene/LPG Regulator, Blowpipe Handle, Cutting Attachment, Brazing Mixer, 3 Brazing Tips, 3 Cutting Tips, 10m Hose Set, Tip Cleaners, Flint Lighter, Combination Circle/Roller Guide, Shade 5 Oxy Specs, Multi-purpose Spanner, Set of 4 Flashback Arrestors.



From
\$699⁰⁰*
Incl GST

Part No.	Description	From*
4-OXACK	Oxy/Acetylene Kit	\$699.00
4-OXLPK	Oxy/LPG Kit	\$729.00



REDEMPTION OFFER

T-Shirt & Stubby Holder Valued at \$47

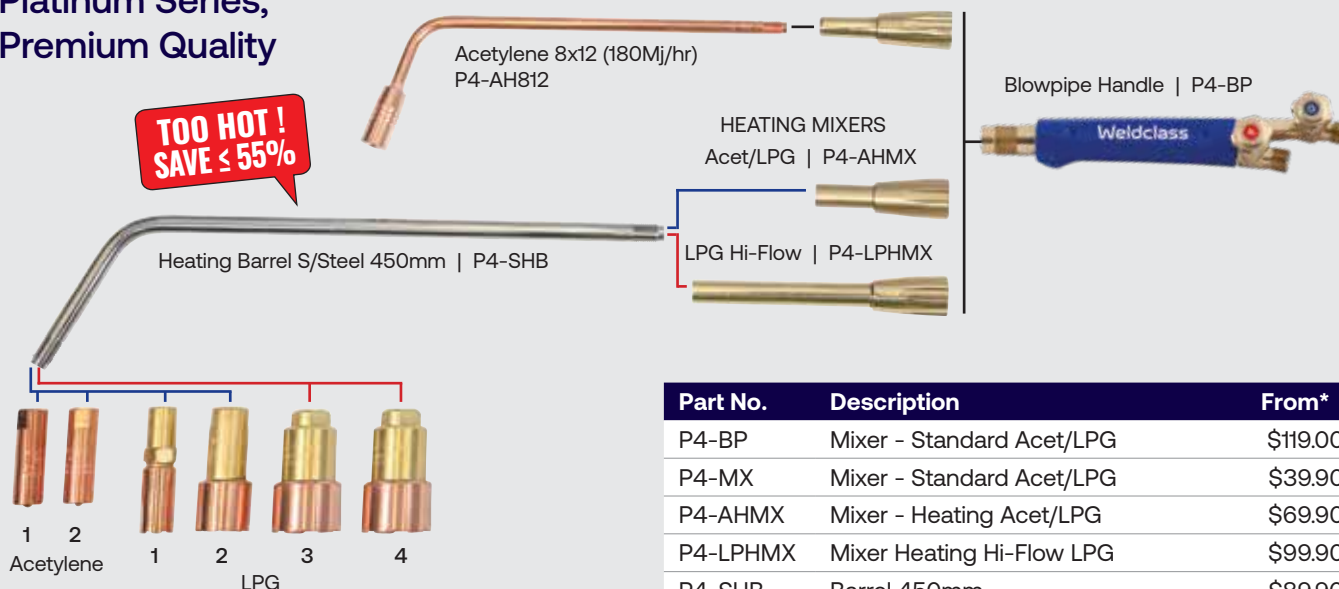
For details, see: www.weldclass.com.au/redemption2511



OXY HEATING GEAR

Platinum Series, Premium Quality

TOO HOT!
SAVE ≤ 55%



Part No.	Description	From*
P4-BP	Mixer - Standard Acet/LPG	\$119.00
P4-MX	Mixer - Standard Acet/LPG	\$39.90
P4-AHMX	Mixer - Heating Acet/LPG	\$69.90
P4-LPHMX	Mixer Heating Hi-Flow LPG	\$99.90
P4-SHB	Barrel 450mm	\$89.90
P4-AH812	Heating Tip with tube Acet 180Mj/Hr	\$39.90
P4-AHT1	Heating Tip Acet #1 180Mj/Hr	\$59.90
P4-AHT12	Heating Tip Acet #2 215Mj/Hr	\$59.90
P4-LPHT1	Heating Tip LPG #1 280Mj/Hr	\$69.90
P4-LPHT2	Heating Tip LPG #2 420Mj/Hr	\$79.90
P4-LPHT3	Heating Tip LPG #3 560Mj/Hr	\$89.90
P4-LPHT4	Heating Tip LPG #4 840Mj/Hr	\$99.90

DID YOU KNOW?

Acetylene can become unsafe when drawing high flow (e.g. heavy heating), so large tips aren't available. LPG has no such limit, allowing larger tips for heavy-duty work.

FUME CONTROL



PROMAX 680R

Welding Helmet with PAPR Respirator

7 YEAR
WARRANTY
OFFER



Super-size view equivalent to 97.5 x 97.5mm with V1 (1/1/1/1) rated optics



Advanced digital controls + illuminated LCD screen



External controls



Auto or manual shade, sensitivity & delay control



External Controls

Adjust settings & switch to grind mode without lifting helmet.



**TOO HOT!
SAVE \$200**

From ~~\$899~~
\$699⁰⁰* Incl GST

WC-06700

PROMAX 850R

Welding Helmet with PAPR Respirator

7 YEAR
WARRANTY
OFFER



Bonus 2nd battery



Flip-up lens, wide view grinding visor, side view windows



Advanced digital controls + illuminated LCD screen



Super-size view equivalent to 97.5 x 97.5mm with V1 (1/1/1/1) rated optics



Auto or manual shade, sensitivity & delay control



REDEMPTION OFFER

T-Shirt & Stubby Holder Valued at \$47



For details, see: www.weldclass.com.au/redemption2511

From
\$1,148⁰⁰* Incl GST

WC-06702

ALLCLEAR® MT31

On-Torch Fume Extractor Package

- Designed for light/medium industrial applications (for high volume use, consider ALLCLEAR MT84 unit)
- Auto On-Off, syncs with MIG torch trigger
- Cleanable filter with spark deflector
- Compact and portable
- Operates on ~230V 10A single phase power
- Compact and portable, weighs 24kg



7 YEAR
WARRANTY
OFFER



\$3,999⁰⁰* Incl GST

WC-MT31K36E4
with FT36E 4m Torch

ALLCLEAR® MT84

On-Torch Fume Extractor Package

- Designed for high volume & frequent use: dual motors, large filter, high airflow
- Australia's most powerful on-torch extractor in it's class
- Auto On-Off, syncs with MIG torch trigger via current sensor
- Spark filter shields filter from coarse/hot particles, and reduces fire risk
- Cleanable filter for extended service life & reduced operating cost
- Fast, easy, and safe in-situ filter cleaning via jet-clean function
- Compact, portable, with large heavy-duty wheels for rugged workshop use



7 YEAR
WARRANTY
OFFER



\$5,790⁰⁰* Incl GST

WC-MT84K36E4
with FT36E 4m Torch

ALLCLEAR® TA100

Fume Extraction Welding & Grinding Table 230V

- Down-draft table with inbuilt filter
- For welding & light grinding
- Operates on ~230V 10A single phase power
- Compact and mobile
- Ideal for education and training applications
- Powerful 1kw fan, with max 3,000m³ air flow



7 YEAR
WARRANTY
OFFER

\$6,290⁰⁰* Incl GST

91100TA1



DID YOU KNOW?

ALLCLEAR Fume Extractors
are used by TAFEs &
Australian Defence Industry



REQUEST A DEMO





FORCE SERIES WELDERS

- ✓ Industry-First 7 Year Warranty Offer
- ✓ Rated 9.3 out of 10 from over 1,000 user reviews
- ✓ Top-of-class performance



7 YEAR WARRANTY OFFER*

FORCE 135st

STICK | TIG

- 140A @ 20% output
- Free gloves
- Adjustable hot start & arc force
- Optional VRD
- Generator friendly - Min 7kva, Ideal 8+kva
- High OCV for smooth and reliable arc




Extremely Compact !







From \$268⁰⁰* Incl GST

WC-06169

FORCE 180st

STICK | TIG

- Weighs only 4.5kg - compact, robust & lightweight
- LCD digital meter
- Adjustable Hot Start & Arc Force
- Optional VRD
- Generator compatible - Min 8kva, Ideal 10+kva









From \$459⁰⁰* Incl GST

WC-06171

FORCE 45p

Plasma Cutter

- 40A @45% output
- Weighs only 8kg - compact, robust & lightweight
- High-quality 6m plasma torch with Euro connection
- Reliable Pilot Arc Ignition
- Generator friendly - Min 8kva, Ideal 10+kva











From \$1,690

\$1,590⁰⁰* Incl GST

CF-06176

ULTRA 250MST MIG | STICK | TIG

- Manual or Synergic MIG controls
- 26+ MIG Programs
- Takes 5kg or 15kg spools
- Compact, robust & portable
- ATC (Advanced Thermal Control) technology for exceptional results on thin materials
- Generator compatible - Min: 13kva
Ideal: 15+kva



**TOO HOT!
SAVE \$1,109**



250A
Max Output

12mm STEEL
Max MIG Capacity

15A
240V

From **\$2,899**
\$1,790⁰⁰*
Incl GST
WC-250MST

FORCE 180MST MIG | STICK | TIG

- Takes 1kg or 5kg spools
- Compact, robust
lightweight
- Robust drive system
- Digital readouts
- Spool gun ready
- Generator compatible
- Min: 8kva Ideal: 10kva



180A
Max Output

8mm STEEL
Max MIG Capacity

10A
240V



From **\$899**
\$849⁰⁰*
Incl GST
WF-06128



FORCE 160MST MIG | STICK | TIG

- Takes 1kg or 5kg Spools
- Compact, robust &
lightweight
- Digital readouts
- Euro torch connection
- Spool gun ready
- Generator compatible -
Min: 7kva Ideal: 8kva



160A
Max Output

6mm STEEL
Max MIG Capacity

10A
240V



From **\$659**
\$599⁰⁰*
Incl GST
WF-06127



FORCE 132MST READY KIT MIG | STICK | TIG

- 132MST machine with
MIG torch
- Earth lead, stick lead
- Spool of gasless
0.9mm x 0.45kg wire
- Wire brush with
slag remover
- Welding gloves
- Spare MIG tips



130A
Max Output

5mm STEEL
Max MIG Capacity

10A
240V



From
\$369⁰⁰*
Incl GST
WC-132MSTRK



PROMAX 650 Welding Helmet

- Super-Size 89cm² viewing area
- 'Landscape' 108mm wide x 82mm high format
- Ultra-Crisp V1 (1/1/1) rated optics with enhanced colour recognition
- Advanced digital controls with memory, cut mode, gradient & other functions
- External grind button for instant & easy switching between welding & grind modes

Part No.	Description
WC-05343	Matte Black



From ~~\$299~~
\$249⁰⁰*
Incl GST

PROMAX 350 Welding Helmet

- Enjoy a generous viewing area equivalent to 72.8 x 72.8mm, with Ultra-Clear Vision
- Dual Shade Range 5-8 / 9-13 plus grind mode to cover a wide range of welding processes



Part No.	Description
WC-05313	Blue
WC-05315	Aussie Graphic



From
\$158⁰⁰*
Incl GST

PROMAX 100 Auto-Darkening Lens

- Fits standard flip-front helmets
- Solar powered
- Suitable for MIG and Stick/MMA
- Shade 11
- Size: 108 x 51mm
- 2 Sensors

**TOO HOT!
SAVE 25%**



Fits Flip-Front
Helmets



Part No.	Description
WC-04094	Shade 11 - 108 x 51mm suit Std F/Front Helmet

From ~~\$118~~
\$89⁰⁰*
Incl GST

WELDING HELMET SWITCHING SPEEDS THE FASTER THE BETTER ?

Why the advertised switching speed on a welding helmet is not the whole story.

And what else to look for to choose a safe and compliant welding helmet.



Read More



www.weldclass.com.au/blog/131

PROMAX HV5 FR Welding Jackets

- Great value, very cost-effective
- Comfortable, lighter weight & cool
- Hi-vis orange
- For light to medium protection against grinding sparks and welding spatter
- For protection during welding, cutting & grinding
- Not recommended for applications where protection from heavy spatter is required
- Flame Retardant Stitching
- Pen Pocket: Handy spot for markers, scribes, small rules, etc

From ~~\$79.90~~
\$59⁹⁰*
Incl GST

Part No.	Size
WC-05261	M
WC-05262	L
WC-05263	XL
WC-05264	2XL



MAGNIFICATION LENSES

- Suits most standard flip-front helmets & auto helmets with mag lens holder
- Size 108 x 51mm
- Improves clarity of vision

**TOO HOT!
SAVE 46%**

Part No.	Description
P7-ML15	1.5x Diopter
P7-ML20	2.0x Diopter
P7-ML25	2.5x Diopter



From ~~\$18.40~~
\$9⁹⁰*
Incl GST

PROMAX SB2 Premium Sweatbands Pk5

- Absorbent towel with hook & loop fastening
- Universal, fits most helmets
- Long-life, washable, re-usable

**TOO HOT!
SAVE 32%**

Part No.	Description
WC-01630	Promax Sweatbands Pk5



From ~~\$43.90~~
\$29⁹⁰*
Incl GST

PROMAX T11

Gasless Welding Wire

Suitable for single or multi-pass welds

From
\$69⁰⁰*
Incl GST



All positional wire, for use on mild and galvanised steel

Ideal for portable use - no gas required

Ideal for outdoor or onsite use and welding in windy conditions

AWS Classification
A5.20 E 71T-11

Part No.	Description
WC-02849	200mm/4.5kg Spool 0.9mm

MINI SPOOLS

Gasless Welding Wire

- Easy to use even on steel that is slightly rusty or dirty
- All positional wire, for general purpose use on mild and galvanised steel
- Industrial grade E71T-11
- Suitable for single or multi-pass



TOO HOT!
SAVE 25%

From
\$24⁹⁰*
Incl GST

Part No.	Description
P2-084FM	100mm/0.9kg Spool 0.8mm
P2-094FM	100mm/0.9kg Spool 0.9mm

GASLESS WELDING TIPS

- ✓ Drag the torch backward like a stick electrode: a great way to remember is “where there’s slag, you drag”
- ✓ Keep 15-20mm stick out, longer than what you’d use for gas wire
- ✓ Not too hot: If you’re having issues with porosity/holes, reduce voltage
- ✓ Play it by ear: Steady crackle = good.
Pop & sputter = voltage too low, or wire speed too high.
Hissing or harsh roar = Voltage too high, or wire speed too low.
- ✓ Use knurled rollers and connect the torch to negative terminal
- ✓ Moisture/humidity exposure can affect performance: store in airtight container/bag. Exposed spools can be dried in conventional oven at <60°C for 1hr.
- ✓ Keep the tip & nozzle clean: while there is no gas, spatter buildup on the tip can contribute to irregular feed, burn-backs, etc

**MORE TIPS
& TRICKS**



www.weldclass.com.au/GaslessTips

HARDFACING HOT OFFERS



PLATINUM CX-1800 Hardfacing Wire (Gasless)

- High Chromium content plus special proprietary additive provides very high wear resistance against abrasion
- 3-4x better wear life vs basic hardfacing wires
- Ideal for metal-to-earth where wear is mostly caused by abrasion with low/medium impact
- Gasless wire for easy application in the field or workshop
- Suitable for use with smaller/portable MIG welders (requires Max 180-200 Amps)

From
\$299⁰⁰*
Incl GST



Part No.	Description	From*
WC-03766	1.2mm 4.5kg/200mm Spool	\$299.00
WC-03767	1.2mm 15kg/300mm Spool	\$891.00

PLATINUM SD-980 Hardfacing Wire (Solid)

- Versatile & easy-to-use “all-rounder”
- Ideal for applications where abrasion resistance is required - especially when accompanied by shocks and blows, e.g. excavator buckets and teeth, screws and augers, tracks, crushing jaws/wheels, etc.
- All positional welding
- Also suitable for metal-to-metal wear
- Use with Ar+CO2 mixed gas

From
\$399⁰⁰*
Incl GST



Part No.	Description	From*
WC-03764	1.2mm 4.5kg/200mm Spool	\$399.00
WC-03765	1.2mm 15kg/300mm Spool	\$1,140.00

PROMAX 700 Hardfacing Electrodes

- General purpose hardfacing of ground-engaging implements and similar applications, including; augers, pints, tynes, blades and parts subject to fatigue or flexing
- Horizontal & flat positions only

From
\$55⁰⁰*
Incl GST



Part No.	Description	From*
WC-06444	3.2mm 1kg Re-usable Pack	\$55.00
WC-06476	4.0mm 1kg Re-usable Pack	\$55.00

PROMAX 943 Hardfacing Electrodes

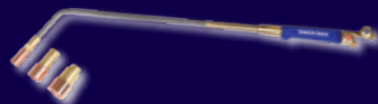
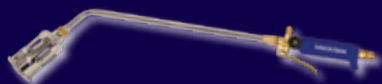
- High-performance hardfacing, for longer service life. Offers both exceptional abrasion resistance & moderate-to-heavy impact strength
- Horizontal & flat positions only

From
\$89⁰⁰*
Incl GST



Part No.	Description	From*
WC-06445	3.2mm 1kg Re-usable Pack	\$89.00
WC-06477	4.0mm 1kg Re-usable Pack	\$89.00

SEE INSIDE FOR GREAT DEALS ON...



Weldclass

www.weldclass.com.au