

CONSUMABLES



PLATINUM 12V

GP Steel Electrodes

- Excellent Operator Appeal: Very smooth & stable arc, easy striking, low spatter, self-detaching / easy-to-remove slag
- User Friendly: Tolerant to dirty / rusty steel & poor fit up
- All-Positional: Fast-freezing slag for fillet & butt welding in all positions, including vertical-down
- Ideal General Purpose electrode for fabrication, repair, fencing, light structural & more
- Unbeatable Performance on: Mild, galvanized, plate, sheet & tubular/RHS steel
- Classifications: AWS A5.1 E6013 / AS/NZS 1553.1 E4112-0



| Part No. | Description |
|--------------|----------------------------|
| 2-E12V/26 | 2.6mm 2.5kg |
| 2-E12V/32 | 3.2mm 5kg |
| P2-E12V/20HP | 2.0mm Handy Pack (25 Rods) |
| P2-E12V/26HP | 2.6mm Handy Pack (14 Rods) |
| P2-E12V/32HP | 3.2mm Handy Pack (9 Rods) |



“Have been welding for 50 years and never had rods so easy to use”

- Charlie, NSW

PROMAX GP

GP Steel Electrodes

- General purpose welding of mild & galvanised steel
- Smooth arc, easy re-striking & self-releasing slag
- Fast-freezing slag for welding in all positions
- Heavy-Duty re-usable plastic packet
- Classifications: AWS E6013 / AS:E4112



“Easy to strike and good fill with poor match-up. Best I have had in 29 years of welding”

- Rodney, QLD



| Part No. | Description |
|----------|--------------------------|
| WC-06296 | 2.0mm 1kg Re-usable Pack |
| WC-06297 | 2.6mm 1kg Re-usable Pack |
| WC-06298 | 3.2mm 1kg Re-usable Pack |

PROMAX 16LH

Low-Hydrogen Steel Electrodes

- Low-hydrogen, for mild or high-strength steel, where the joint requires higher strength than standard GP electrodes
- Convenient 1kg heavy-duty re-usable plastic packs keeps electrode in good condition prior to use
- All-positional, except for vertical-down
- Classification: AWS E7016



| Part No. | Description |
|----------|--------------------------|
| WC-03152 | 2.6mm 1kg Re-usable Pack |
| WC-03153 | 3.2mm 1kg Re-usable Pack |
| WC-03154 | 4.0mm 1kg Re-usable Pack |

PLATINUM 16XT

Low Hydrogen Steel Electrodes

- Hydrogen controlled (“low hydrogen”) with a special Twin Flux Coating for superior arc stability
- Foil-Sealed 2kg vacuum packs minimises waste and moisture exposure
- Commonly used for mild or high strength steel, where the joint requires higher strength than regular “GP” electrodes, providing a tensile strength of up to 510 MPa.
- All-Positional (except for vertical down), easy striking & smooth running
- Also used as a buffer layer prior to hard facing
- Classifications: AWS A5.1 E7016, AS/NZS 1553.1 E4946



| Part No. | Description |
|----------|--------------------|
| WC-03974 | 2.5mm 2kg Vac Pack |
| WC-03975 | 3.2mm 2kg Vac Pack |
| WC-03976 | 4.0mm 2kg Vac Pack |



“nice smooth rods to weld with in all positions, easy to strike”

- Ashley, WA

PLATINUM 316L

Stainless-Steel Electrodes

- Welding of matching 316, 316L and common “300 series” stainless steels, including; 301, 302, 304, 304L, 3Cr12 etc.
- Good resistance to pitting, acids and general corrosion.
- Heavy-Duty re-usable plastic packet
- All position, except vertical-down
- Classification: AWS E316L-16



| Part No. | Description |
|-----------|----------------------------|
| WC-06453 | 2.0mm 1kg Re-usable Pack |
| WC-06454 | 2.6mm 1kg Re-usable Pack |
| WC-06455 | 3.2mm 1kg Re-usable Pack |
| P2-316L26 | 2.6mm Handy Pack (10 Rods) |
| P2-316L32 | 3.2mm Handy Pack (8 Rods) |

PLATINUM 309MoL

Stainless-Steel Electrodes

- Welding of Stainless to mild or low alloy steels, matching 309 & 309L stainless, CrNi & CrNiMo stainless & hard to weld steels
- Also used for cladding & buffer layers
- Strong, tough & corrosion resistant
- Heavy-Duty re-usable plastic packet
- All position, except vertical-down
- Classification: AWS E309MoL-16



| Part No. | Description |
|----------|--------------------------|
| WC-06466 | 2.6mm 1kg Re-usable Pack |
| WC-06447 | 3.2mm 1kg Re-usable Pack |

PLATINUM 312

Universal Electrodes

- High strength welding of almost any type of steel.
- Ideal for; Unknown steels, Dissimilar steels (e.g. steel to stainless), Die or tool steel, etc.
- Also used as a buffer layer prior to hardfacing etc.
- Heavy-Duty re-usable plastic packet
- All position, except vertical-down
- Classification: AWS E312-16



| Part No. | Description |
|----------|----------------------------|
| WC-06294 | 2.6mm 1kg Re-usable Pack |
| WC-06295 | 3.2mm 1kg Re-usable Pack |
| P2-31226 | 2.6mm Handy Pack (10 Rods) |
| P2-31232 | 3.2mm Handy Pack (8 Rods) |

PLATINUM NiFe

Cast Iron Electrodes

- High strength welding of; cast iron (incl. grey / malleable, nodular & SG iron) & cast iron to steel
- Heavy-Duty re-usable plastic packet
- Horizontal & flat positions only
- Classification: AWS ENiFe-CI



| Part No. | Description |
|----------|---------------------------|
| WC-06299 | 3.2mm 1kg Re-usable Pack |
| P2-NCI32 | 3.2mm Handy Pack (9 Rods) |

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
- Typical hardness 53-56 HRC (1st layer)
- Heavy-Duty re-usable plastic packet
- Horizontal & flat positions only
- For longer service life against abrasion, use Platinum 943 electrodes



| Part No. | Description |
|----------|--------------------------|
| WC-06444 | 3.2mm 1kg Re-usable Pack |
| WC-06476 | 4.0mm 1kg Re-usable Pack |

PLATINUM 943

Hardfacing Electrodes

- High-performance hardfacing, for longer service life. Offers both exceptional abrasion resistance & moderate-to-heavy impact strength.
- Applications include bucket lips, screws, hammers, teeth, etc.
- Typical hardness 60-65 HRC (1st layer)
- Heavy-Duty re-usable plastic packet
- Horizontal & flat positions only



| Part No. | Description |
|----------|--------------------------|
| WC-06445 | 3.2mm 1kg Re-usable Pack |
| WC-06477 | 4.0mm 1kg Re-usable Pack |

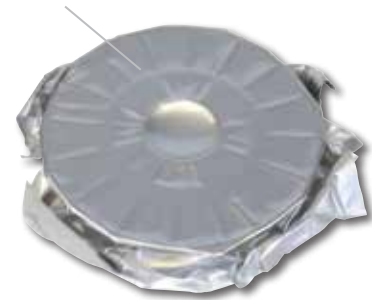
PLATINUM GL-11®

Gasless Wire

- Suitable for single or Multi-Pass welds
- Easy to use, even on steel that is slightly rusty or dirty and on painted steel surfaces
- 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
- Classification: AWS A5.20 E71T-11

Vacuum Foil-Sealed Spools

For exceptional storage life



Platinum Performance

Rated by thousands of Aussie fabricators as Australia's No. 1 Gasless Wire!

Many Applications

For All-Positional, Single and Multi-Pass welds. Ideal for mild or galvanised steel



Ultra-Smooth & Easy to Use!

Very smooth arc, Minimal spatter, Easy-to-remove slag. Tolerant to variations in machine settings, quick & easy to set up

Low Fume

Reduced fume volume vs other brands



“Tried all brands in my trade as a boilermaker. GL-11 is the only one I use. Perfect result every bead, marginal spatter and flux that flakes off. Not worth the dramas of dealing with other brands quality issues”

- Chris, WA



| Part No. | Description |
|--------------|-------------------------|
| 2-088FM | 200mm/4.5kg Spool 0.8mm |
| 2-098FM | 200mm/4.5kg Spool 0.9mm |
| 2-128FM | 200mm/4.5kg Spool 1.2mm |
| 2-GWS1115/09 | 300mm/15kg Spool 0.9mm |
| 2-GWS1115/12 | 300mm/15kg Spool 1.2mm |
| 2-GWS1115/16 | 300mm/15kg Spool 1.6mm |

PROMAX E-21

Gasless Wire

- Suitable for all-positional, single and multi-pass welds
- For welding mild & galvanized (Gal) steels
- Ideal for portable use - no gas required
- Ideal for outdoor or onsite use and welding in windy conditions
- Premium E71T-11 industrial grade
- Classification: AWS A5.20 E71T-11



**“This is my 3rd roll...
Very user-friendly
and consistent”**

- Ashley, NSW

| Part No. | Description |
|----------|-------------------------|
| WC-00259 | 200mm/4.5kg Spool 0.8mm |
| WC-00260 | 200mm/4.5kg Spool 0.9mm |

MINI-SPOOLS

Gasless 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



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

MINI SPOOLS

Steel MIG Wire

- Premium S6 grade, copper coated low carbon steel MIG wire for welding a wide range of mild and mid strength steels



| Part No. | Description |
|----------|-------------------------|
| P2-084MW | 100mm/1.0kg Spool 0.8mm |
| P2-094MW | 100mm/1.0kg Spool 0.9mm |

PLATINUM XT6

Steel MIG Wire

- Excellent operator appeal
- Excellent feedability, Low spatter & low fume
- Premium S6 grade, layer wound copper coated low carbon steel mig wire
- For welding a wide range of mild and mid strength low carbon steels and galvanised steel
- All-positional
- Classification: AWS A5.18 ER70S-6



| Part No. | Description |
|-------------|------------------------|
| 2-XMS608/06 | 200mm/5kg Spool 0.6mm |
| 2-XMS608/08 | 200mm/5kg Spool 0.8mm |
| 2-XMS608/09 | 200mm/5kg Spool 0.9mm |
| WC-03137 | 300mm/15kg Spool 0.9mm |

PLATINUM 71XM

Flux-Cored Wire

- Smooth arc, low spatter, easy de-slagging, all-positional
- Commonly used for heavy construction, equipment repair, welding high strength steels, etc
- Use with Ar+CO2 mixed gas, or 100% CO2 gas
- Classification: AWS E71T-1M/1C



| Part No. | Description |
|----------|------------------------|
| WC-05362 | 300mm/15kg Spool 1.2mm |
| WC-05364 | 300mm/15kg Spool 1.6mm |

PLATINUM 316Lsi

Stainless Steel MIG Wire

- For welding many 300 & 400 series stainless steels
- Excellent edge wetting & arc stability
- Classifications: AWS ER 316LSi, AS/NZS ISO 14343 B SS316LSi



| Part No. | Description |
|----------------|--------------------------|
| P2-MW316L04/08 | 100mm/1.0kg Spool 0.8mm |
| P2-MW316L04/08 | 100mm/1.0kg Spool 0.9mm |
| 2-MW316L08/08 | 200mm/5kg Spool 0.8mm |
| 2-MW316L08/09 | 200mm/5kg Spool 0.9mm |
| 2-MW316L12/09 | 300mm/12.5kg Spool 0.9mm |

PLATINUM 309Lsi

Stainless Steel MIG Wire

- Ductile and crack resistant
- For: Dissimilar welding of “300 series” stainless steels to mild steel, Matching 309/309L grades, Intermediate layer in butt welding of clad steel
- Higher silicon content for arc stability
- Classifications: AWS ER 309LSi, AS/NZS ISO 14343: B SS309LSi, Ferrite Number about 10-15 FN



| Part No. | Description |
|----------|--------------------------|
| WC-03194 | 300mm/12.5kg Spool 0.9mm |

PROMAX 5356

Aluminium MIG Wire

- General purpose aluminium wire for welding a wide range of cast & wrought aluminium alloys.
- For welding a wide range of 5xxx series and some 6xxx series alloys
- Classifications:
AWS 5.10 ER5356
AS/NZS ISO 18273 - S Al 5356



| Part No. | Description |
|----------------|--------------------------|
| P2-MW535604/09 | 100mm/0.45kg Spool 0.9mm |
| P2-MW535604/10 | 100mm/0.45kg Spool 1.0mm |
| P2-MW535604/12 | 100mm/0.45kg Spool 1.2mm |
| 2-MW535608/09 | 200mm/2kg Spool 0.9mm |
| 2-MW535608/10 | 200mm/2kg Spool 1.0mm |
| 2-MW535608/12 | 200mm/2kg Spool 1.2mm |
| 2-MW535612/09 | 300mm/6kg Spool 0.9mm |
| 2-MW535612/10 | 300mm/6kg Spool 1.0mm |
| 2-MW535612/12 | 300mm/6kg Spool 1.2mm |

PROMAX 5183

Aluminium MIG Wire

- High strength & toughness, especially at lower temperatures
- Excellent corrosion resistance due to slightly lower magnesium content (vs 5356 wire)
- Higher wire strength & better feedability
- Welding alloys such as 5083, 5086, 5456, to each other or to 5052, 5652 and 5056
- Classifications:
AWS 5.10 ER5183
AS/NZS ISO 18273 - S Al 5183



| Part No. | Description |
|----------|-----------------------|
| WC-06644 | 300mm/6kg Spool 1.2mm |

PROMAX 4043

Aluminium MIG Wire

- Excellent crack resistance
- Added silicon content (5%) increases fluidity of the weld pool
- Lower melting point and fluidity vs 5xxx series wires
- Preferred by some welders for an aesthetically superior weld finish
- Low welding smut and discoloration
- Low shrinkage rate/reduced distortion
- For welding a wide range of 4xxx, 5xxx & 6xxx series alloys
- Classification: AWS 5.10 ER4043



| Part No. | Description |
|----------|-----------------------|
| WC-02598 | 300mm/6kg Spool 1.0mm |
| WC-02599 | 300mm/6kg Spool 1.2mm |



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
- For longer service life against abrasion, use Platinum CX-1800 wire or CX-2150 wire



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)



| Part No. | Description |
|----------|-------------------------|
| WC-03764 | 1.2mm 4.5kg/200mm Spool |
| WC-03765 | 1.2mm 15kg/300mm Spool |

| Part No. | Description |
|----------|-------------------------|
| WC-03766 | 1.2mm 4.5kg/200mm Spool |
| WC-03767 | 1.2mm 15kg/300mm Spool |

PLATINUM CX-2150

Hardfacing Wire (Gasless)

- Extreme performance: Up to 6-7 times longer wear life vs basic hardfacing wires
- Offers unique combination of both extreme abrasion resistance AND very high impact resistance
- Suits a very wide range of applications, including components subject to abrasion together with high impact stress
- Longer wear life = reduced down-time = considerable productivity cost savings
- Requires minimum 160 amps, suitable for use with MIG welders around 200A-250A & above
- Gasless wire for easy application in the field or workshop



| Part No. | Description |
|----------|----------------------------|
| WC-03791 | 1.6mm 12.5kg (300mm spool) |

STEEL S6

Filler Rod

- For general TIG welding or oxy/acetylene fusion welding of mild steels
- AWS Classification A5.18 ER70S-6



| Part No. | Description |
|----------|--------------------------|
| WC-03782 | 1.6mm - 1.0kg Handy Pack |
| WC-03783 | 2.4mm - 1.0kg Handy Pack |

STAINLESS STEEL 316L

Filler Rod

- For TIG welding common 300 series stainless steels, such as 301, 302, 304, 304L, 316, 316L also 409, 444 and 3cr12.
- AWS Classification A5.9 ER 316L



| Part No. | Description |
|----------|--------------------------|
| WC-02373 | 1.6mm - 1.0kg Handy Pack |
| WC-00235 | 1.6mm - 5.0kg Bulk Pack |
| WC-02452 | 2.4mm - 1.0kg Handy Pack |
| WC-00236 | 2.4mm - 5.0kg Bulk Pack |

STAINLESS STEEL 316L

Filler Rod

- For TIG welding common 300 series stainless steels, such as 301, 302, 304, 304L, 316, 316L also 409, 444 and 3cr12.
- AWS Classification A5.9 ER 316L



| Part No. | Description |
|----------|--------------------------|
| WC-02373 | 1.6mm - 1.0kg Handy Pack |
| WC-00235 | 1.6mm - 5.0kg Bulk Pack |
| WC-02452 | 2.4mm - 1.0kg Handy Pack |
| WC-00236 | 2.4mm - 5.0kg Bulk Pack |

ALUMINIUM 5356

Filler Rod

- For a wide range of aluminium alloys, general aluminium fabrication and repair
- 5% Magnesium content
- AWS Classification A5.10 ER 5356



| Part No. | Description |
|----------|--------------------------|
| WC-01535 | 1.6mm - 0.5kg Handy Pack |
| WC-00221 | 1.6mm - 5.0kg Bulk Pack |
| WC-02308 | 2.4mm - 0.5kg Handy Pack |
| WC-00222 | 2.4mm - 5.0kg Bulk Pack |
| WC-02309 | 3.2mm - 0.5kg Handy Pack |



GOUGING CARBONS

- Designed for gouging and cutting most steels
- High speed process
- Removal of weld material, cracks or defects removal
- Operates on DC welding power source and requires air arc gouging torch with compressed air supply



| Part No. | Description |
|----------|---------------------|
| 2-GC5 | 5mm (3/16") Box 50 |
| 2-GC65 | 6.5mm (1/4") Box 50 |
| 2-GC8 | 8mm (5/16") Box 50 |
| 2-GC95 | 9.5mm (3/8") Box 50 |
| 2-GC13 | 13mm (1/2") Box 50 |

SILVER 2% Braze Rod

- Joining copper to copper - can be used without flux, due to phosphorous content
- Joining copper to low zinc brass - flux required
- Popular for copper pipe, plumbing fittings, hot water tanks
- Economical



| Part No. | Description |
|----------|----------------------------------|
| WC-06357 | 2.4mm Bare - Handy Pack - 5 Rods |

SILVER 15% Braze Rod

- Joining copper to copper - can be used without flux, due to phosphorous content
- Joining copper to brass - flux required
- Commonly used in plumbing & HVAC applications; copper pipe, hot water tanks, etc
- Suitable for gap filling



| Part No. | Description |
|-----------|----------------------------------|
| WC-060787 | 2.4mm Bare - Handy Pack - 5 Rods |

SILVER 45% Braze Rod

- General purpose low temperature brazing
- High strength joining of steel, stainless, copper, brass, etc



| Part No. | Description |
|--------------|--------------------------------|
| P2-SB4516B/2 | 1.6mm Bare - 2 Rods |
| P2-SB4516B/5 | 1.6mm Bare - 5 Rods |
| WC-00209 | 1.6mm Bare - 0.5kg Pack |
| P2-SB4516F/2 | 1.6mm Flux Coated - 2 Rods |
| P2-SB4516F/5 | 1.6mm Flux Coated - 5 Rods |
| WC-00210 | 1.6mm Flux Coated - 0.5kg Pack |

MANGANESE BRONZE Braze Rod

- For steel, cast iron, malleable iron, copper, copper alloys
- Not suitable for hot or salt water pipes



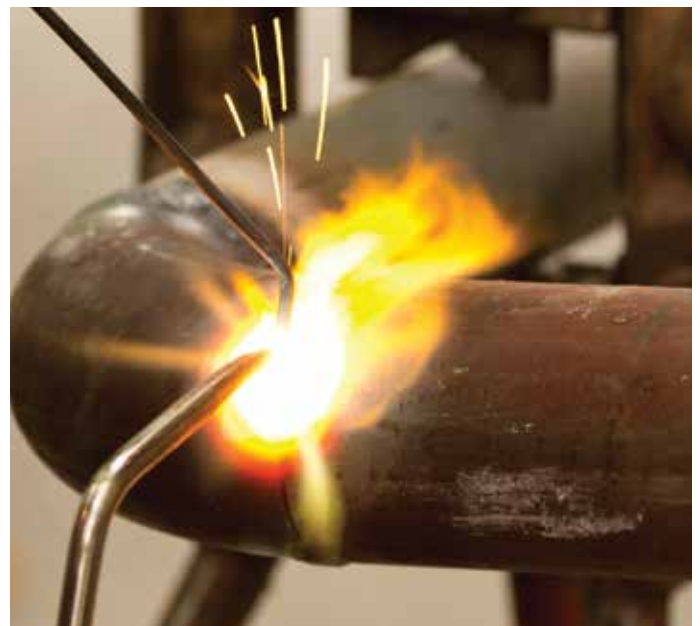
| Part No. | Description |
|---------------|-----------------------------|
| P2-FRMB24B/10 | 2.4mm Bare - 10 Rods |
| P2-FRMB24F/10 | 2.4mm Flux Coated - 10 Rods |
| P2-FRMB32B/10 | 3.2mm Bare - 10 Rods |
| P2-FRMB32F/10 | 3.2mm Flux Coated - 10 Rods |

NICKEL BRONZE Braze Rod

- High strength & good wear resistance
- For steel, cast iron, copper, copper alloys, etc
- Popular for build up of worn components, e.g. gear teeth



| Part No. | Description |
|---------------|-----------------------------|
| P2-FRNS24F/10 | 2.4mm Flux Coated - 10 Rods |
| P2-FRNS32F/8 | 3.2mm Flux Coated - 8 Rods |



CONSUMABLES SELECTION GUIDES

FIND THE RIGHT
CONSUMABLES
FAST



weldclass.com.au/HandyTools

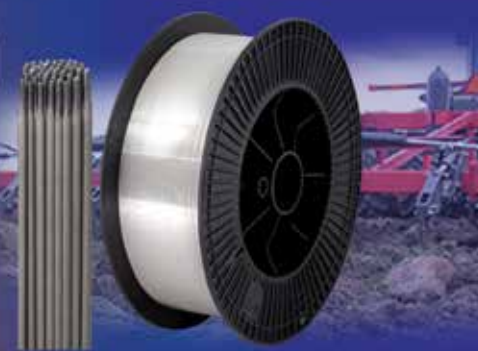
**BRAZING &
TIG ROD
SELECTION CHART**



**STICK
ELECTRODE
SELECTION CHART**



**HARDFACING
SELECTION GUIDE**



**ALUMINIUM
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