

WARATAH®

FIRST - BECAUSE IT LASTS.



**WARATAH
FENCING
CATALOGUE**

2012/13

INNOVATION AT WORK

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Waratah has been helping Australian farmers build fences since 1884. In rural Australia, a Waratah fence is known for its strength, durability and longevity.

There are many reasons why a Waratah fence is an Australian icon. Waratah controls the entire manufacturing process – from raw materials, producing the steel billet, rolling the wire and Y bar for posts, applying the coating, packaging the final product, and importantly servicing and supporting its products in the field. By managing every step of the process, Waratah can be sure of the quality, consistency and strength of each product. Waratah, known for innovation, ensures products are made using the latest scientific knowledge and state of the art manufacturing techniques.

Quality raw materials, a proven manufacturing process and smart thinking, are the reasons why a Waratah fence is a great investment. When you build a fence you must consider how much installation will be, how much maintenance will cost over the life of the fence, and how long the fence will last before you need to replace it.

This catalogue will give you an introduction to the wide range of premium Waratah fencing products that make fencing easier, faster and more cost effective. If you want more information on Waratah's vast range of products visit www.onesteelwaratah.com.au or call 13 10 80. You'll soon see that Waratah doesn't just provide fencing products, but complete fencing solutions.



Waratah don't just develop and manufacture premium fencing products, we provide fencing solutions. At Waratah, we talk to farmers and fencing contractors every day. Working together we know that even the best fencer cannot build a good low maintenance and long lasting fence using inferior materials, tools and equipment. When you invest in a Waratah fence, you're investing in Waratah values. It's these values that set Waratah apart.

Waratah Knowledge

With over a century of fencing experience, Waratah knows how to manufacture products for Australian conditions. Waratah backs this manufacturing expertise with NATA (National Association of Testing Authorities) accredited labs and technicians, the largest fencing distribution network, the largest fencing sales support team and the largest, most complete fencing range in Australia.

Waratah Quality

Waratah quality is supported by a long list of globally recognised quality standards.

They include, but are not limited to:

SAI Global AS/NZS ISO 9001 Quality Management systems accreditation.

National Association of Testing Authorities, Australia (NATA) ISO/IEC 17025: 2005 accreditation.



Waratah Consistency

Waratah employ systems, processes and controls to produce fencing products that deliver consistent performance. Whether you buy Waratah wire, posts or tools and accessories, you'll know that every batch is consistent and reliable.

Waratah Innovation

Waratah's ongoing research and development helps us deliver innovative products for almost any rural fencing application. At the core of this innovation is the drive to develop products that make fencing easier, faster and safer to install, which results in a fence that is not only reliable, but that you can be proud of.

Innovation at work

The all steel fence line – saves time, labour and money.

Longlife® Blue colour® wire technology.

All-steel end assembly installation: 6.07 minutes
Traditional wooden end assembly: 32:00 minutes



LOGLIFE BLUE AFTER 1000 HRS SALT TEST
 COATING LOSS 0%

HEAVY GALVANIZED AFTER 1000 HRS SALT TEST
 COATING LOSS 20%

STANDARD GALVANIZED AFTER 1000 HRS SALT TEST
 COATING LOSS 100%

Waratah Service

Waratah not only provide the largest national customer sales and service team dedicated to rural fencing, they also provide training, education and support materials at a local level at rural field days, reseller days and online. If it's fencing advice and support you need, look no further than Waratah.

Waratah Range

Waratah offer a range of fencing products that, when used together, can deliver a fencing solution!



With more than 125 years of fence-building experience, we're only too happy to share what we have learned to help you build yours.



1 Set your course.
 First, determine where exactly your fence needs to go then prepare a line and a grade, if necessary. Consider site contours, erosion and soil type when planning your fence.



2 Erect strainer assemblies.
 Your strainer assemblies (otherwise known as "end assemblies") form the foundation of a good fence. Determine the number required and their location, as this is an important part of making your fence a strong, long lasting fence. Also consider if/where gates are to be installed.



3 Lay out your posts.
 Strain a sight wire close to the ground and lay your posts at a pre-determined spacing by 'stepping out' along the fence line. A straight fence line minimises pressure points.



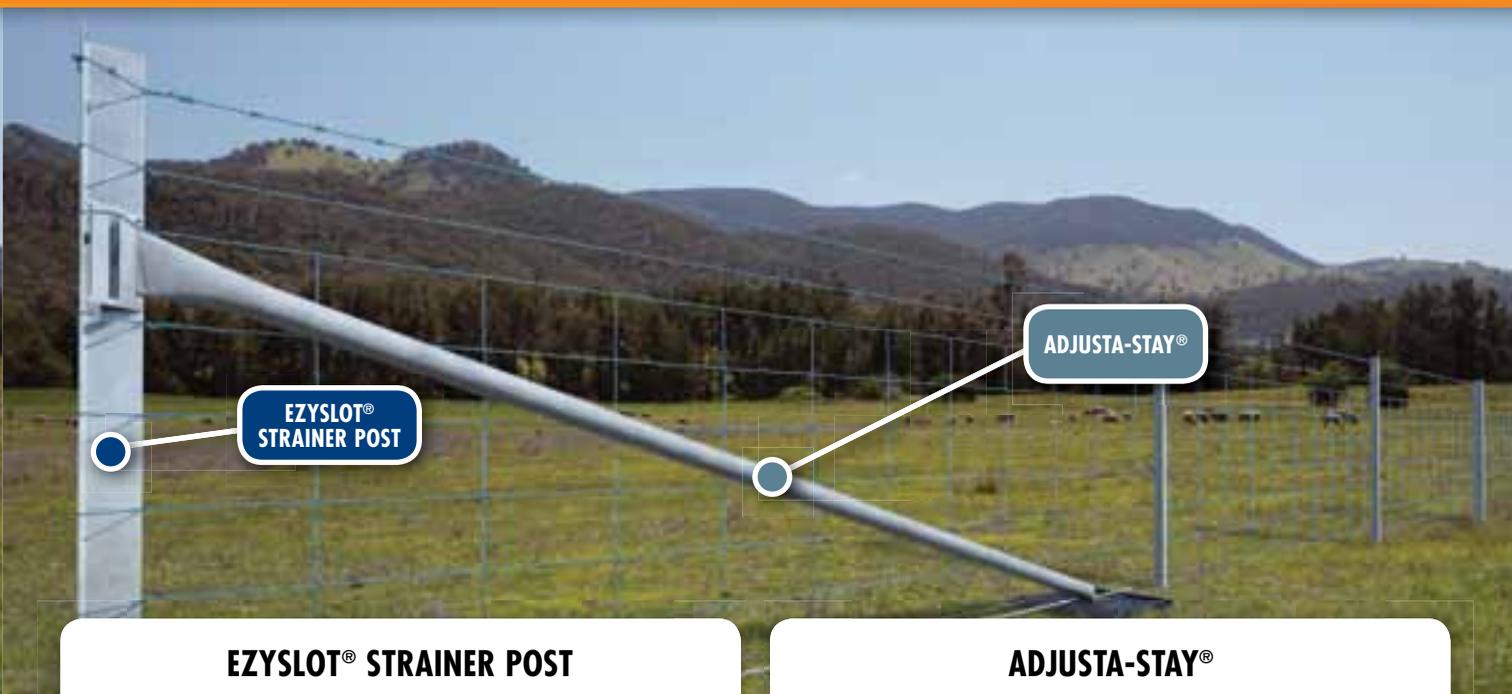
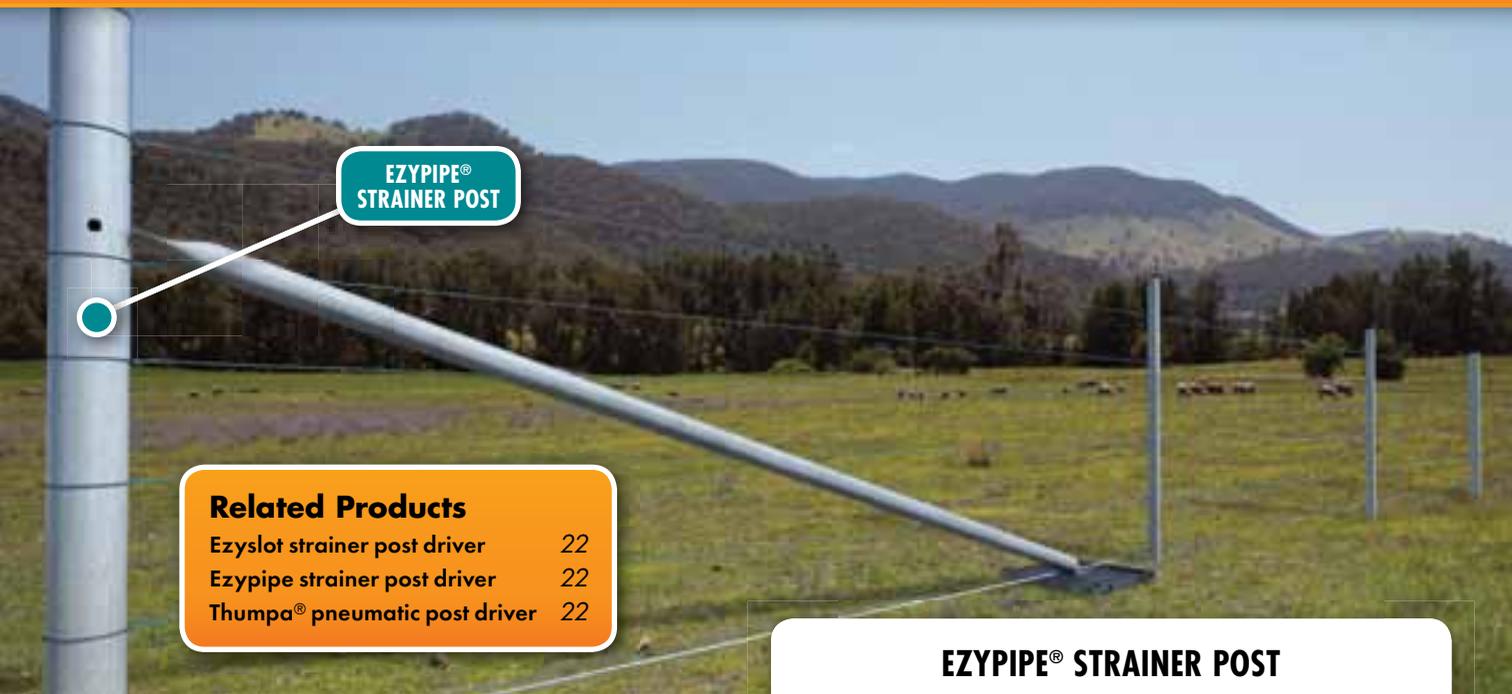
4 Drive in your posts.
 Drive in GalStar® posts with a GalStar 80NB post driver or Thumpa® pneumatic post driver – check depth and position as per your fence line.



5 Strain the wire.
 Attach the wire to one strainer assembly, then using Wizard® wire strainers and/or Wedgelock® clamp, strain the wire at the other strainer assembly. Check tension with a Tenser Sensor®. Over tension slightly as you'll lose some tension when tying off. Tie-off, remove the wire strainers and/or Wedgelock clamp.



6 Attach the wire.
 Fixing the wire is easy using GalStar Longlife® post clips or Longlife cut length tie wire. By using quality products from Waratah, it's easy to finish with a professional job even if you've never erected a fence before.



Related Products	
Ezyslot strainer post driver	22
Ezypipe strainer post driver	22
Thumpa® pneumatic post driver	22

ABOUT STRAINER ASSEMBLIES

Strainer assemblies are critical in any fence line. They carry the strain of the fence wire, impact from animals and other accessories such as gates. If a strainer assembly fails, so will the entire fence.

Two key components make a good end assembly system – the strainer post and the stay. Waratah have a choice of two strainer posts – the angled Ezyslot or the round Ezypipe and a multi-purpose stay – the Adjusta-stay.

Waratah strainer assemblies have been designed to simplify installation, eliminate the need for machinery and extend the life of Longlife® Blue fence wire.



EZYPIPE® STRAINER POST

- Applications and Features**
- The Ezypipe strainer post is Waratah's round post alternative to traditional timber, pipe and concrete strainer posts.
- Best suited to medium-soft ground applications where the greater surface area and anchor points provide improved ground holding capacity
 - Economical to erect and capable of withstanding high pressure loads
 - Termite proof and fire resistant
 - Can be stayed 4 ways through 360 degrees which is also suitable as an in-line strainer

Specifications

Pipe: 89mm (OD) x 4mm (wall)
Material: 250 grade pipe design
Coating: Hot-dipped galvanized (min 300g/m²)
Lengths Available: 2.15m, 2.5m



EZYSLOT® STRAINER POST

- Applications and Features**
- The Ezyslot strainer post is Waratah's fastest and easiest strainer post to manually install.
- Best suited to hard-medium ground applications as the pointed end of the Ezyslot can punch through soil that would be more difficult for round strainer posts
 - Economical to erect and capable of withstanding high pressure loads
 - Termite proof and fire resistant
 - 2.1m strainer can be stayed 3 ways through 90 degrees and 2.5m can be stayed 4 ways through 180 degrees

Specifications

Angle: 75mm x 75mm x 6mm
Material: 300 grade angle design
Coating: Hot-dipped galvanized (min 600g/m²)
Lengths Available: 2.1m, 2.5m



ADJUSTA-STAY®

- Applications and Features**
- The Adjusta-stay can be used with the Ezyslot, Ezypipe and most timber, concrete or pipe strainer posts, making it one of the most versatile stays on the market.
- Fully adjustable and reusable stay system
 - Effective in unstable terrain
 - Resistant to fire and termites
 - Designed for strength, reliability and ease of use
 - Requires no digging and can be installed in less than five minutes

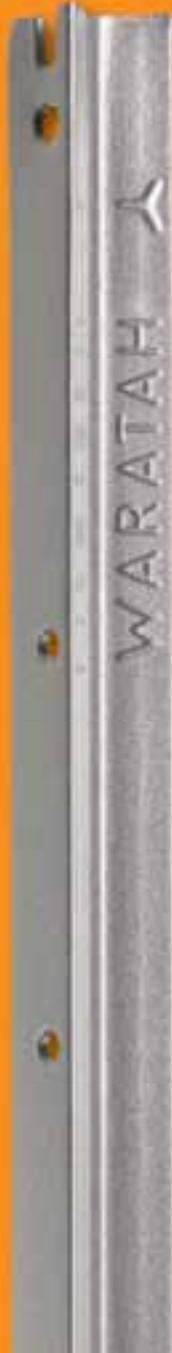
Specifications

Pipe: 50NB pipe x 2.3mm x 3.0m long
Ground Engaging Pad: 48cm x 40cm
Coating: Hot-dipped galvanized (min 300g/m²)
Tension Rod Length: 3.25m x M12





ONE TRUSTED BRAND. TWO MIGHTY POSTS.



ABOUT POSTS

Posts are critical to a fence's strength and longevity. Waratah® GalStar® steel fence posts are manufactured using high grade steel and then hot-dipped coated in zinc to extend the working life of the post and the fence wire.

Consider the installation and finished fence-line features and benefits of the posts you're considering purchasing. Some fence posts can twist, bend or break when being driven into the ground, which adds significant cost and time when installing and in maintenance over the life of the fence. Posts with inferior coatings will not only shorten the working life of a post, but can also accelerate the corrosion of fence wire that is attached to the post.

The Waratah GalStar post range consists of a large intermediate steel post – GalStar MaxY, and the original in-line steel post – GalStar Extreme. They are designed to work with the entire Waratah range, to create a fence that lasts.

WHAT TO CONSIDER WHEN CHOOSING A POST.

- Steel grade
- Profile
- Coating
- Hole positioning
- Shape

The effective life of a post will depend on many factors such as soil conditions, flood and fire effects, wire tension and maintenance. That's why we recommend using our premium fence posts – the GalStar MaxY® and GalStar Extreme®.



Related Products	
Fence droppers	27
GalStar® post driver 80NB	22
Thumpa® pneumatic post driver	22



GALSTAR MAXY®

Applications and Features

The Waratah GalStar MaxY steel fence post is the biggest and strongest GalStar post ever made.

- Designed for use as an intermediate fence post or for medium-to-high stock pressure environments - where previously pipe, concrete or timber posts may have been used
- The hot-dipped galvanized coating makes these posts suitable for use in medium-to-high corrosive environments
- MaxY is the largest engineered Y-shape post which provides improved ground holding and better visibility
- Ideal in rocky undulating country, where additional wire support may be needed
- Consistent hole spacings for easy wire attachment and correct fence design
- MaxY is less bulky than timber, concrete and pipe, easier to transport, requires no machinery to install and can be carried along the fence line by one person saving time and money

Specifications

Lengths Available: 180cm, 210cm, and 240cm



GALSTAR EXTREME®

Applications and Features

The Waratah GalStar Extreme fence post is the original Y shape fence post, designed by Waratah in the early 1900's.

- Designed for use in most fence line designs where medium stock pressure is expected and is commonly teamed up with the intermediate MaxY post for higher pressure applications
- The hot-dipped galvanized coating makes these posts suitable for use in medium-to-high corrosive environments
- Consistent hole spacings for easy wire attachment and correct fence design
- Extreme is less bulky than timber, concrete and pipe, easier to transport, requires no machinery to install and can be carried along the fence line by one person, saving time and money

Specifications

Lengths Available: 135cm, 150cm, 165cm, 180cm, 210cm, and 240cm





DO IT ONCE, DO IT RIGHT, DO IT LOGLIFE.

Good quality fence wire, whether plain, barbed, prefabricated or wire netting, is key to the life of a fence. If you want a fence that lasts, you'll need Australia's leading fence wire, Waratah Longlife Blue. It has been proven to last at least 9 times longer than standard galvanized wire and at least 1.5 times longer than heavy galvanized wire. Despite what some say, this proves it's not how thick the wire coating is, but how long the wire lasts that counts.

It starts with the best wire.

Wire is a fairly simple product when you first look at it – a steel core with a coating applied. Waratah however, is the only Australian wire manufacturer that controls every step in the process, from smelting the steel, casting the billet, through to rolling the rod and then drawing and coating the wire to Waratah's exacting standards.

At the centre of Longlife Blue's performance advantage is the wire core. The quality and consistency of the wire makes it easier to handle and eliminates weak spots. A good quality wire like Waratah Longlife has very complex beginnings and if you want a fence that lasts, you'll need Australia's leading fence wire.

Protected with the best coating technology.

The high quality wire core of Longlife Blue is then protected with the latest coating technology, applied with a proprietary application process exclusive to Waratah. We run the Waratah wire through a bath of high purity Australian zinc before the wire enters a second bath of zinc aluminium, which reacts with the first zinc coating to form a ternary layer that bonds with the steel and the outer zinc aluminium layer – we call this coating technology Zalcote®. Our distinctive blue polymer Permaseal® layer is then added to give even more protection in Australia's harsh climate.

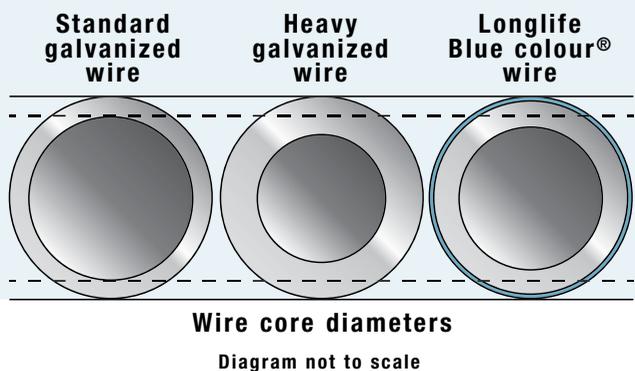
Thicker is not necessarily better.

Don't be fooled by claims that thick heavy galvanizing provides better protection. A 2.5mm wire with heavy galvanizing is the same 2.5mm diameter as Longlife Blue wire but the thicker coating means the wire must be thinner to start with and therefore potentially weaker. The thick zinc only coating of heavy galvanized wire is also more likely to crack and fracture when bent, unlike Longlife Blue which is more ductile and resists cracking to ensure the protective coating stays in place.

Pictures speak louder than words.

Don't just take our word for it. Watch the time-lapse video of Longlife Blue outperforming standard and heavy galvanized wires at www.onesteelwaratah.com.au You'll soon realise you can't afford not to use Waratah Longlife Blue.

Comparison of 2.50mm Wire Diameters



Waratah wire
The Longlife core is made with the finest quality steel and is exclusive to Waratah.

Zalcote® coating
The zinc aluminium coating provides barrier and galvanic protection of the steel that does not fracture or flake when tying off.

Distinctive blue colour Permaseal® coating
The organic polymer layer of the Permaseal not only gives Longlife Blue colour its unique look, but also adds further protection.



Related Products

GalStar® Longlife® post clips	25
Three-way wire spinner	23
Wizard® wire strainer	23
Tenser Senser®	24
Gripple® wire joiner range	28



FLEXABEL® LONGLIFE® MEDIUM TENSILE

Applications and Features

Flexabel Longlife Blue colour® wire is a general purpose, 2.50mm medium tensile fencing wire.

- An economical fence wire with good strength and flexibility
- Use in low-to-medium pressure situations
- Also suited to electric fencing as it has good tying properties
- Large 1,500m coils to reduce construction downtime

Specifications

Diameter (mm):	2.50
Length (m):	1500
Breaking strain (kN):	3.7
Rec. Tension (kN):	1.3



TYEASY® LONGLIFE® HIGH TENSILE

Applications and Features

Tyeasy Longlife Blue colour® wire is a general purpose, 2.50mm high tensile fencing wire.

- An economical fence wire with greater strength than Flexabel whilst retaining reasonable tying properties
- Use in medium-to-high pressure situations
- Due to its strength, Tyeasy is suited to plain and barbed wire suspension fencing
- Large 1,500m coils to reduce construction downtime

Specifications

Diameter (mm):	2.50
Length (m):	1500
Breaking strain (kN):	5.4
Rec. Tension (kN):	1.8



LONGLIFE® HIGH TENSILE

Applications and Features

Longlife Blue colour® high tensile fence wire is the strongest high tensile fence wire available from Waratah.

- Longlife Blue high tensile is a larger diameter wire with a high-breaking strain recommended where strength is vital
- Use in high pressure situations
- Use as a top wire in all fences where falling branches, cattle or other large animals pose threats of pressuring or breaking through the fence

Specifications

Diameter (mm):	2.80
Length (m):	1000
Breaking strain (kN):	8.0
Rec. Tension (kN):	2.0



LONGLIFE® LOW TENSILE

Applications and Features

Longlife Blue colour® low tensile fence wire (or commonly referred to as soft wire) is suitable for most conventional fencing applications.

- Ideal for use in traditional fencing systems with closely spaced posts
- Use 3.15mm in low-pressure situations
- Use 3.55mm medium-high pressure situations
- Use 4.00mm in medium-high pressure situations
- More effective in fire-prone areas due to lower carbon content

Specifications

Diameter (mm):	3.15	3.55	4.00
Length (m):	750	600	500
Breaking strain (kN):	3.0	3.8	4.8
Rec. Tension (kN):	1.2	1.3	1.8

ABOUT FENCE WIRE

Good quality fence wire, whether plain, barbed, prefabricated or wire netting, is key to the life of a fence. Longlife Blue colour® fence wire is manufactured to Waratah's exacting standards to provide a range of wire products that are easier to install, require minimal maintenance and will last.



EXTEND THE LIFE OF YOUR FENCE WITH LONGLIFE TIE WIRE.

Make sure you use Longlife Blue tie wire, cut length tie wire or GalStar® Longlife post clips with Longlife fence products, to ensure you get the best life from your fence. Using standard galvanized wire with Longlife wire can corrode the wire faster, as it sets up a galvanic reaction, which creates a weak point in the wire.





Related Products

- Wedgelock® clamp 24
- Wizard® wire strainers 23
- GalStar® Longlife® post clips 25



STOCKSAFE-T®
LONGLIFE®

STOCKSAFE-T® LONGLIFE®

Applications and Features

The Stocksafe-T Longlife Blue colour® range has been specifically designed to prevent animals penetrating the fence and is suited to shorter strains and closer post spacings.

- Ideal for specialist stock uses
- Most suitable for smaller enclosures
- The rigid design and tight picketing is more typical of a conventional fence design, which means the fence can spread a load from impact
- The unique Stocksafe-T knot forms a tight bond with the vertical and horizontal wires which helps keep the fence from sagging

Stocksafe-T Longlife – for feral control

The entire range of Stocksafe-T sizes are used to provide an effective barrier against feral animals, such as wild dogs, pigs, wallabies and kangaroos.

- The size and concentration of feral animals will help determine the right fence height, picket spacing and tensile strength, to establish an effective barrier against feral animal incursion
- The rigid knot resists vertical wires from being separated, reducing the chance of feral animals penetrating the fence barrier



ABOUT PREFABRICATED FENCE WIRE

Waratah manufactures a wide range of prefabricated fencing products from high quality Australian steel, for uniform strength and consistent quality over the length of the fence.

Prefabricated wire is quick and easy to erect: just roll out, strain and tie-off to your posts and you have a strong, functional, low maintenance fence. You can protect your stock, crop or pasture from feral animals, keep your valuable stud animals safe with Stocksafe-T, or just build a fence that will last.



Stocksafe-T Longlife – for horses

The 122.5cm Stocksafe-T size is designed to keep horses safely contained in a yard or paddock and keep unwanted animals out.

- An ideal alternative or complement to traditional post and rail fencing in stables and stallion yards to keep horses safely contained
- Tight 5cm x 10cm picket spacings reduce the risk of pawing, stepping or walking down the fence
- Made from low tensile wire which has good flex or stretch under stock pressure and is favoured to reduce potential injury to horses
- The rigid knot conceals sharp ends which reduces injury to valuable stock

Specifications

Wire Size	Suggested Application	Features	Roll Length (m)
13/122.5/5*	Horses, dogs, house fencing	Soft wire suited for use with steel & timber post & rail	50
11/90/15	Pigs, wild dogs, wallabies, holding yards, boundary fencing	Larger top & bottom line wire diameters for medium-to-heavy duty applications	100
13/90/15	Pigs, wild dogs, wallabies (light-duty apps.) boundary fencing	Lighter wire diameter for low pressure applications	100
15/150/15	Pigs, wild dogs, wallabies & kangaroos, emus, alpacas, boundary fencing	High fence height, larger top & bottom wire diameter, medium-to-heavy duty applications	100

*13/122.5/5: 13 line wires; 122.5cm fence height; 5cm picket spacing



- Related Products**
- Wedgelock® clamp 24
 - Wizard® wire strainers 23
 - GalStar® Longlife® post clips 25



**STOCKLOCK®
LONGLIFE®**



**STOCKTITE®
LONGLIFE®**

STOCKLOCK® LONGLIFE®

Applications and Features

The Stocklock Longlife Blue colour® range is designed to resist high stock pressures and can cover most grazier requirements, from secure boundary fencing, to sub-divisions into cell paddocks or laneway systems.

- The ring joint design is favoured for longer spans and suspension fence designs
- The ring joint absorbs impact and spreads load
- Individual vertical “picket” wires act as a dropper, providing maximum support
- Features 2.80mm high tensile top and bottom line wires for added strength



Specifications

Wire Size	Suggested Application	Features	Roll Length (m)
5/70/30*	Sheep	Low height, fewer line wires, medium pressure	200
5/70/45	Sheep & economy fence	Low height, fewer line wires, medium pressure	200
5/70/90	Sheep & station fence	Low height, fewer line wires, medium pressure	500
6/70/30	Sheep & lambs	Low height, additional line wire, medium pressure	200
6/70/45	Sheep & lambs	Low height, medium-sized animals	200
6/90/30	Cattle	Standard height, proportionate line & picket spacing, for medium-sized animals	200
6/90/45	Cattle & economy fence	Standard height, wider picket spacing, larger animals	200
7/90/30	Sheep, lambs & cattle	Standard height	200
7/90/60	Sheep, lambs & cattle	Standard height, wider picket spacing for larger animals	200
8/90/15	Sheep, lambs, cattle, pigs & boundary fencing	Standard height, additional line wires & tighter pickets for small to medium-sized animals	100
8/90/30	Sheep, lambs, cattle, goats & boundary fencing	Standard height, additional line wires, for medium-sized animals	200

*5/70/30: 5 line wires; 70cm fence height; 30cm picket spacing

STOCKTITE® LONGLIFE®

Applications and Features

The Stocktite Longlife Blue colour® range is designed to resist higher stock pressures and can cover most grazier requirements, from secure boundary fencing to sub-divisions into cell paddocks or laneway systems.

- The hinged joint is suited for long strains and will permanently but flexibly secure the picket wires to the line wires allowing erection over rolling landscape and through gullies
- Advanced hinged joint construction acts as a suspension system, flexing with stock pressures and then rebounding back into shape
- Features 2.80mm high tensile top and bottom line wires for added strength; creating less need for selvage wires saving time and money



Specifications

Wire Size	Suggested Application	Features	Roll Length (m)
6/70/30*	Sheep & lambs	Low height for smaller sized animals	200
6/90/30	Sheep & cattle	Standard height for medium-sized animals	200
7/90/30	Sheep, lambs, cattle & mixed grazing	Standard height for medium-sized animals	200
8/80/15	Sheep, lambs, cattle, pigs, goats & boundary fencing	Smaller animals	100
8/90/15	Sheep, lambs, cattle, pigs, goats & boundary fencing	Standard height for smaller animals	100
8/90/30	Sheep, lambs, cattle, goats & boundary fencing	Standard height for medium-sized animals	200
8/115/15	Sheep, lambs, cattle, pigs, goats & boundary fencing	Tall fence height for larger sized animals	100

*6/70/30: 6 line wires; 70cm fence height; 30cm picket spacing



NETTING



BARBED WIRE

Related Products

- Wedgelock® clamp 24
- Wizard® wire strainers 23
- GalStar® Longlife® post clips 25



LONGLIFE®
NETTING

LONGLIFE® NETTING

Applications and Features

The Longlife Blue netting range is designed for a wide variety of applications.

- Use as an “apron” on fences which can be laid flat on the ground or buried in a trench, as an added barrier against burrowing animals such as wild dogs, foxes, rabbits, wallabies and wombats
- 90cm and 105cm wide netting can be used for infills on timber post and rail fences
- Netting pattern is produced in reverse twist to better absorb impact
- Two-ply selvage wire is used to give the netting added strength



Specifications

Wire Size	Suggested Application	Features	Roll Length (m)
30/4/1.4*	Repairing existing netting fences, tree guards	Small height, good for repairs or as a skirt on prefab	100
60/4/1.4	Repairing existing netting fences, tree guards, attach to the base of existing fences for feral animal control	Good attachment to the base of existing fences for feral animal control	100
90/4/1.4	Rabbit-proof fencing, boundary & house fencing, tree guards	Standard height, use as a stand-alone fence with belly wires	50/100
90/5/1.6	Garden trellising, poultry enclosures, gardening, tree guards	Standard height, wider spacing & wider diameter for strength	50
105/4/1.4	Rabbit-proof fencing, boundary & house fencing, tree guards	Taller stand-alone fence for larger jobs with belly wires	50/100
120/5/1.6	Commercial fish traps, feral fencing, poultry & animal enclosures	Taller fence with increased wire diameter	50
180/4/1.4	Poultry & animal enclosures	Taller netting fence, tight spacings for increased barrier protection	50
180/5/1.6	Commercial fish traps, feral fencing, poultry & animal enclosures	Taller fence, wider spacing & diameter for greater impact strength	50

*30/4/1.4: 30cm fence height (cm); 4cm mesh spacing (cm); wire diameter (mm)

Related Products

- Barbed wire reel lifter 23
- GalStar MaxY® & Extreme® posts 9
- GalStar® Longlife® post clips 25

LONGLIFE® HIGH TENSILE

Applications and Features

Waratah Longlife Blue colour® high tensile barbed wire is made from high tensile wire in a reverse-twist pattern.

- 1.80mm provides greater strength and life and is favoured for use on boundary fences
- Reverse-twist pattern provides maximum strength and safety
- Consistent and closer barb spacing means more barbs for maximum stock pressure and security
- Used as a sight or bottom wire helps cope with added pressure from prime lambs and feral animals
- 1.57mm high tensile barbed wire available

Specifications

Diameter (mm):	1.57	1.80
Length (m):	500	500
Breaking strain (kN):	3.0	4.0
Rec. Tension (kN):	1.3	1.3



LONGLIFE® IOWA

Applications and Features

Waratah Longlife Blue colour® iowa barbed wire is made from low tensile wire in a continuous twist pattern.

- Greater fire resistance than high tensile wires so more effective in fire prone areas
- Easier to handle along the fence line than high tensile wire
- Used as a sight or bottom wire helps cope with added pressure from prime lambs and feral animals
- Continuous twist pattern locks the barbs in place to avoid any movement with stock pressure

Specifications

Diameter (mm):	2.50
Length (m):	400
Breaking strain (kN):	3.0
Rec. Tension (kN):	1.3



ABOUT BARBED WIRE

Waratah offers two types of barbed wire - High tensile and Iowa. High tensile barbed wire is recommended for use in conjunction with other high tensile wires where wider post spacing is used. Iowa barbed wire is commonly used in conjunction with netting fences and in areas considered to be at risk from grass fires. Whilst not a requirement of Australian standards, Waratah barbed wire is continuous and contains no joins. This provides consistent strength along the entire length of the reel and reduces the risk of injury when straining.





ELECTRIC FENCE WIRE



SPECIALISED FENCE WIRE



FIRST - BECAUSE IT LASTS.

Related Products

GalStar® Longlife® post clips	25
GalStar® post caps	25
Gripple® wire joiner range	28

Related Products

GalStar MaxY® posts	9
GalStar® post caps	25
Stocksafe-T® for horses	15

PERMELEC®
LONGLIFE®

TEMPELEC®
LONGLIFE®

HORSESIGHTER®
WIRE

PERMELEC® LONGLIFE® ELECTRIC

Applications and Features

Permelec Longlife Blue colour® electric fence wire is a medium tensile wire developed specifically for permanent electric fencing.

- Designed for greater electric current capability, it is relatively easy to handle and tie-off around end insulators
- Useful in a range of situations such as cattle subdivision, strip grazing and enhancing existing fences
- Strong and flexible electric fence wire
- Available in a convenient 1000m pack size

Specifications

Diameter (mm): 2.50
 Length (m): 1000
 Breaking strain (kN): 3.7
 Rec. Tension (kN): 1.3



TEMPELEC® LONGLIFE® ELECTRIC

Applications and Features

Tempelec Longlife Blue colour® low tensile wire is a versatile temporary electric fencing solution.

- Designed to provide greater current carrying capacity than normal polywires and tapes
- With Longlife Blue coating, Tempelec is also a strong alternative to tie wire
- Ideal for temporary electric fencing and strip grazing
- Easy to handle 1.60mm diameter wire
- Available in 500m lengths on plastic reels for ease of dispensing and rewinding

Specifications

Diameter (mm): 1.60
 Length (m): 500
 Rec. Tension (kN): Hand tension only



HORSESIGHTER® WIRE

Applications and Features

Horse studs and horse owners are well aware of the problems of horses running into normal wire fences, so Waratah have specially designed Horsesighter wire to improve fence visibility.

- UV stabilised PVC coated wire
- Finished size of 5.20mm enclosing a 4.00mm standard galvanized wire
- White coating provides improved visibility for horses
- Perfect for use as a top wire with Stocksafe-T prefabricated fence wire

Specifications

Length (m): 400
 Breaking strain (kN): 6.1
 Rec. Tension (kN): 2.0



CATTLE YARD STRAND

Applications and Features

Cattle yard strand is manufactured from seven, heavy galvanized 2.75mm wires twisted together to form an 8mm diameter strand.

- This high-strength wire strand offers a cost effective alternative to erecting traditional timber post and rail systems. Material costs are lower, erection can be a one-man job and maintenance is reduced to a minimum when compared with other yard enclosures
- The turnbuckle allows tension to be adjusted at any time
- Is more flexible than timber under stock pressure
- The Waratah cattle yard strand system can be designed to incorporate any size gate, crush or bail

Specifications

Length (m): 150
 Breaking strain (kN): 32



ABOUT ELECTRIC FENCE WIRE

Waratah electric fence wire can be used in a range of situations, such as cattle subdivision, strip grazing, enhancing existing fences or kangaroo and dog control. Waratah electric fence wire is designed for greater electric current carrying capability and fence life. Most importantly, Waratah electric fence wire is easy to use and handle.



ABOUT SPECIALISED FENCE WIRE

Waratah specialised fence wires are created with a specialist job in mind. Whether you require Horsesighter wire or Cattle Yard Strand, you can be sure that the Waratah product has been built to last.



Everything in the Waratah® range is made to work together. Using Waratah's range of market-leading, innovative tools and accessories will save you time and money in both constructing and maintaining your fence.

EZYSLOT® STRAINER POST DRIVER

Applications and Features

- The Ezyslot strainer post driver is an essential tool for manually installing Ezyslot posts
- This heavy duty strainer post driver fits over the Ezyslot post and allows the user to manually raise and lower the unit to drive the strainer post into the ground
- In very hard soils a mechanical driver may be required



EZYPIPE® STRAINER POST DRIVER

Applications and Features

- The Ezypipe strainer post driver is an essential tool for manually installing Ezypipe posts
- This strainer post driver fits over the Ezypipe post and allows the user to manually raise and lower the unit to drive the strainer post into the ground
- In very hard soils a mechanical driver may be required



GALSTAR® POST DRIVER

Applications and Features

- The GalStar 80NB post driver provides a faster and easier way to install all GalStar posts
- 9kg head provides optimum driving force and requires less effort than conventional post driving methods
- 80mm nominal bore driver is suitable for both GalStar MaxY® and GalStar Extreme® posts



THUMPA® PNEUMATIC POST DRIVER

Applications and Features

- The Thumpa pneumatic post driver provides an easy way to drive GalStar® posts and Gripfast® trellis posts into virtually any terrain faster than a manual driver, saving time and money
- Air-driven striking dolly does all the hard work and can change from driving a GalStar Extreme post to a GalStar MaxY post in seconds with a simple twist and release system
- Can also be attached to a mechanically assisted device on a vehicle to assist lifting the driver on and off posts



Air compressor requirements

Application	DISP CFM	DISP L/M	FAD L/M	HP	Tank size (ltr)	Efficiency rating
Light or intermittent use	25	700	520	7	120	50 – 80%
Heavy or constant use	37	1000	820	10	150	80 – 100%

BARBED WIRE REEL LIFTER

Applications and Features

- The Waratah barbed reel lifter has been developed to reduce the chance of personal injury from lifting heavy objects such as barbed wire reels
- Waratah barbed wire reels vary in weight depending on wire diameter and wire length between approx. 27kg – 48kg
- Designed to be used by two people and is rated to lift 75kg



THREE-WAY WIRE SPINNER

Applications and Features

- The Waratah three-way wire spinner is a multi-purpose tool designed to dispense wire safely
- Suitable for safely spinning out plain and barbed wire without tangling or over-running
- Operates in a stationary position or as a 'hand cart' along the fence line
- Double cradle wire spinners are also available for simultaneous dual coil payout



WIZARD® WIRE STRAINERS

Applications and Features

- The Waratah Wizard wire strainers grips wire securely to tension fence wire and is the most efficient method for tensioning plain and barbed wire
- It can be firmly attached around the strainer post with the 1.8m chain provided or 4.5m chains can be purchased separately for longer strains
- Used in conjunction with the Wedgelock clamp to strain prefabricated fencing



WIZARD® CONTRACTOR WIRE STRAINER

Applications and Features

- An upgraded version of the Wizard wire strainer that has a number of features that make it both easier to use and more suited to bigger fencing jobs
- Longer 4.5 metre chain for larger diameter posts and longer fence strains
- Longer handle for easier operation and more leverage (30% less effort)
- Quick change clamp for use with Wedgelock clamp





WEDGELOCK® CLAMP

Applications and Features

- The Wedglock clamp, together with the Wizard wire strainers is used to strain prefabricated fence wire
- It creates a secure clamp on the wire, holding it in place, whilst the Wizard wire strainers (hooked top and bottom of the Wedglock clamp) evenly tensions the wire
- Features a centre hook for controlled use when using with a vehicle
- Available in multiple lengths to suit various prefabricated fence heights

Specifications

- **Sizes Available:** 1m, 1.3m and 1.6m



TENSER SENSER® WIRE TENSIONING GAUGE

Applications and Features

- When attached to a fence wire under strain, the Tenser Senser wire tension gauge is designed to indicate approximate wire tension
- The integrated gauge displays correct tensions for most Waratah wire products at a glance
- Over or under strained fence wire dramatically reduces fence life and adds significantly to ongoing maintenance costs
- Comes pre-assembled and calibrated – ready for immediate use



RINGMASTER® PNEUMATIC CLIP GUN

Applications and Features

- The Waratah Ringmaster pneumatic clip gun is a fast way to secure clips to fence wires reducing physical effort and increasing the number of clips that can be installed per hour
- Use the Ringmaster clip gun to quickly and easily attach fence wires to your fence such as:
 - Secure netting to prefabricated wire
 - Secure netting to fence line wires
 - Secures additional plain or barb wires to your fence
- Balanced ergonomic design and light-weight means the clip gun is comfortable to operate
- Air operated – reduced manual effort and faster installation
- PVC carry case – protects gun from damage
- Designed to be used with Waratah Ringmaster Longlife clips



Specifications

Air compressor requirements

- Optimum operating pressure range 90–100PSI
- Maximum operation pressure 100PSI



ANTI-SINK PLATES

Applications and Features

- Waratah anti-sink plates increase the surface area of fence posts to help reduce the chance of posts sinking in soft or disturbed soils
- Easy to install – attaches to the existing holes in Waratah posts and fitted with the supplied 4mm galvanized pin

Specifications

- **Coating:** Galvanized (275g/m²)
- **Size Available:** 12cm x 10cm to fit the entire GalStar® and Gripfast® post range



GALSTAR® POST CAPS

Applications and Features

- The Waratah range of UV-resistant Star post caps makes the posts safer and more visible
- Yellow Star post cap has a patented locking strap to prevent cap loss
- The registered design of the GalStar Extreme® and GalStar MaxY® post caps have pre-formed slots and can also accommodate a wide range of electric fencing applications
- High visibility white or yellow
- HDPE material for strength and fade resistance

Specifications

- **Material:** UV/fade resistant HDPE



GALSTAR® LONGLIFE® POST CLIPS

Applications and Features

- The Waratah GalStar Longlife post clips effectively secure fence wires to posts
- Economical and easy to use
- Simply feed through the post hole and twist clip around the wire with the special fastening tool supplied in every bag of 300 clips (5 bags per bucket)
- Longlife coating for maximum corrosion protection
- Compatible for use with Longlife Blue fence wire

Specifications

- **Diameter (mm):** 3.15



RINGMASTER® LONGLIFE® CLIPS

Applications and Features

- Ringmaster Longlife clips are used to effectively secure fence wire
- Recommended for use with the Waratah Ringmaster clip gun
- Longlife coating for maximum corrosion protection
- Compatible for use with Longlife Blue fence wire
- Packaged in a carton containing approximately 10,000 clips

Specifications

- **Diameter (mm):** 1.80





LOGLIFE® TIE WIRE

Applications and Features

- Waratah Longlife Blue colour® tie wire is economical, easy to handle and ideal for use in all tie wire applications including general fencing, farming, building, hobbies, vineyards and gardening applications
- Using Longlife tie wire products with GalStar® posts ensures you get the best life from your fence
- Longlife Blue coating for maximum corrosion protection

Specifications

- **Diameter (mm):** 2.00, 2.50, 3.15 and 4.00



LOGLIFE® CUT LENGTH TIE WIRE

Applications and Features

- Waratah cut length tie wire is a convenient way to tie-off wire around a fence post eliminating the need for pre-cutting coils of fence wire into manageable lengths and saving you time and labour when building a fence
- Can be used for timber, steel, concrete and pipe fence posts
- Low tensile wire is strong, yet easy to bend and tie-off
- Lengths of wire will easily fit into fencing contractor's tool belt pouches
- Longlife Blue coating for maximum corrosion protection

Specifications

- **Diameter (mm):** 2.50, 3.15



LOGLIFE® FARMERS FRIEND® TIE WIRE

Applications and Features

- Waratah Farmers Friend tie wire coils are convenient 3kg coils of Longlife Blue colour® wire, packaged in a metal frame that both stores the wire and controls wire payout
- Farmers Friend tie wire is handy for tying off wire to posts, repairs and general maintenance
- Longlife Blue coating for maximum corrosion protection

Specifications

- **Diameter (mm):** 1.25, 1.60, 2.00 and 2.50



LOGLIFE® BARBED STAPLES

Applications and Features

- Waratah barbed staples are an easy way to secure fence wire to timber posts
- Barbed staples provide greater holding pressure
- Packaged in 5kg or 20kg buckets
- Longlife Blue coating for maximum corrosion protection

Specifications

- **Size Available:** Staples are available in various wire diameters between 3.15mm to 5.00mm and in lengths ranging from 32mm up to 50mm



FENCE DROPPERS AND DROPPER CLIPS

Applications and Features

- Fence droppers are used to maintain fence integrity and help spread stock pressure from a single wire, to all wires in the fence, reducing the risk of overloading and subsequent wire breakage
- The unique angled design provides additional strength to the fence line
- Fence droppers can be quickly fastened to new or existing fences

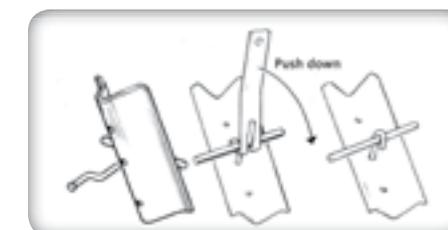


Length (cm) Application

63.5	• Plain wire and/or barbed wire fence
81.5	• 60cm or 70cm prefabricated fence with plain or barbed top wire • Plain wire and/or barbed wire fence
94	• 70cm or 80cm prefabricated fence with plain or barbed top wire • Plain wire and/or barbed wire fence
107	• 90cm prefabricated fence and plain or barbed top wire • 80cm prefabricated fence with two top wires • Plain wire and/or barbed wire fence
117	• 90cm prefabricated fence and plain or barbed top wire • 80cm fence with two top wires and single bottom wire • Plain wire and/or barbed wire fence

Specifications

- **Material:** High tensile galvanized steel strip
- **Coating:** Heavy galvanized (275g/m²)
- 300 clips (approx.) plus a fixing tool in each pack



GATE FITTINGS

Applications and Features

- Ezyslot® and Ezypipe® gate fittings are for use with their respective post type
- Corrosion resistant
- Bolts together in minutes and requires no welding

Specifications

- **Material:** Heavy gauge steel
- **Coating:** Hot-dipped galvanized
- Ring, chain and latch set included





The Waratah Gripple® range consists of wire joiners, tools and accessories that remove the need to tie or knot wire, join a break, or join the end of one roll of wire to the start of another. With the Gripple tensioning tools they can also be used to tension or re-tension short fence lines.

GRIPPLE PLUS® WIRE JOINERS

Applications and Features

The Waratah Gripple Plus wire joiners save time and effort when joining wires, tensioning or terminating wire at a strainer post.

- Long lasting and can be reused
- Stainless steel springs provide excellent corrosion resistance
- Simply push wires through the Gripple in each direction and the one-way grip firmly holds each wire
- The patented ceramic locking mechanism delivers a strong grip, taking higher loads and providing superior corrosion resistance – recommended to prolong the life of your Longlife® Blue colour® wire
- To tension both wires, use the Gripple Plus tensioning tool or Gripple contractor tensioning tool



Specifications

Gripple type	Wire diameter (mm)	Max working load (kg/kN)	Applications	Suitable Waratah products
Small Gripple Plus	1.40 – 2.20	300kg / 3.0kN	Joining wire/repairs	2.00mm Growire® Dropper Wire & Stocksafe-T® 13/90/15
Medium Gripple Plus	2.00 – 3.25	400kg / 3.9kN	Joining wire/repairs	All plain wire & prefabricated wire between 2.00mm – 3.25mm (except netting)
Large Gripple Plus	3.25 – 4.20	600kg / 5.8kN	Joining wire/repairs	4.00mm fence wire & Horseshooter® wire (remove PVC coating to fit)

GRIPPLE® T-CLIP

Applications and Features

Gripple T-Clips are a great alternative to tying off wire around strainer posts without the need for knots, saving both time and labour.

- Ideal for use on prefabricated fencing and plain wire
- Recommended for use on round posts
- The T-Clip can be used at either end of the fence line to tie-off wire
- Wrap your wire around a strainer post, pull the wire through the Gripple T-Clip and pull tight around the post
- No need for twisting, knots or staples
- Allows consistent replication and is up to 5 times faster than a manual tie-off



Specifications

Gripple type	Wire diameter (mm)	Max working load (kg/kN)	Applications	Suitable Waratah products
T-Clip	1.80 – 3.25	N/A	Tie-off at a strainer post*	All fence wire and prefabricated wire between 1.80mm – 3.25mm (except netting)

*Recommended for use on round posts

GRIPPLE PLUS® STARTER PACK

Applications and Features

A great pack for the hobby fencer or someone just starting out with Gripple wire joiners.

- Contains 1 x Gripple Plus tensioning tool and 50 x Medium Gripple Plus wire joiners
- Gripple Plus tensioning tool includes integrated adjustable torque setting on the handle. Once the pre-set wire tension is reached – the tool dis-engages to prevent overstraining and potential wire damage.



GRIPPLE PLUS® FENCER PACK

Applications and Features

- The Gripple Plus fencer pack contains 500 Gripple Plus medium wire joiners and comes with a bonus canvas carry bag which is ideal when purchasing bulk quantities of Gripple Plus wire joiners for your next big fencing job



H-POST/ANCHOR-FAST® KIT

Applications and Features

The H-Post/Anchor-Fast kit contains a wire rope and joiner and can be used as a wire brace or tie-back product.

- Ideal as a wire brace in H-Post strainer assemblies
- Use as a tie-back in multiple strainer assembly setups
- Simple assembly by one person and no wire tying skills needed
- The prefabricated wire loop and Large Gripple wire joiner is up to 75% faster to install than traditional methods
- 4mm x 5m wire rope is designed to withstand loads up to 9.5kN
- Re-tensioning capability makes this one of the most versatile products available for fence installation and maintenance



Specifications

- **Material:** 4.00mm wire rope
- **Coating:** Heavy galvanized
- **Lengths Available:** 5m

GRIPPLE® CONTRACTOR TENSIONING TOOL

Applications and Features

The Gripple contractor tensioning tool is bigger and stronger for the more serious fencer and now makes it even easier to tension your wire.

- Gripple quick-release setting key allows you to position the Gripple correctly before you apply tension
- Quick-release jaw allows you to grab or release the wire without the need to operate the handles
- The tool can offer you the greatest mechanical advantage with the least amount of effort – delivering a 10:1 mechanical advantage that can generate up to 400kg/4kN
- Heat-treated steel grip and jaws hold the wire firmly and nest the Gripple safely
- The Gripple contractor tensioning tool can be used with all Gripple sizes

Specifications

- **Material:** Engineering grade steel
- **Coating:** Galvanized + Dryflex® tool grip on handles





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