

**WARATAH<sup>®</sup>**

**NZ FENCING CATALOGUE**



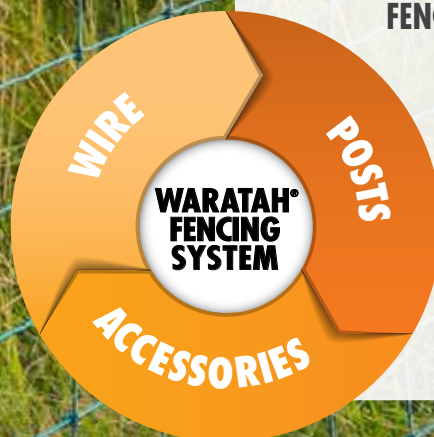
[www.waratahfencing.co.nz](http://www.waratahfencing.co.nz)



# WARATAH'S COMPLETE FENCING SOLUTION.

Get a fence that makes sense! Choose the Waratah Fencing System™ - Waratah's posts, wire and accessories work together effectively to create a fence that lasts longer, performs better and costs less in the long run. You may think combining premium and cheap fencing products won't cause problems, but inferior parts can quickly corrode and weaken your entire fence. After all, you're only as strong as your weakest link.

**TALK TO WARATAH FENCING TODAY, WE'D LIKE TO HELP YOU MAKE THE RIGHT DECISIONS WHEN CONSIDERING YOUR FENCING REQUIREMENTS.**



**CHECK OUT OUR WEBSITE**



**SCAN HERE.**



# POSTS

The key to a fence's strength and longevity, Waratah posts are the superior quality backbone to a better performing fence.

- › All posts in the range work seamlessly with our wire and accessories for superior performance
- › Effective strainer post assemblies help improve the life of your fence by carrying the strain of the wire and absorbing impact from animals
- › Challenge your traditional fencing practices to discover the benefits of the complete Waratah Fencing System™

Covered in this section:



**Strainer post assemblies**



**JiO® posts**

## EZYPIPE® STRAINER POST

The Waratah® 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 up to 4 ways through 360 degrees and is also suitable as an in-line strainer
- › Hot dipped galvanized coating (min 300g/m<sup>2</sup>) for good corrosion protection
- › Ezypipe strainer extensions can be used with an Ezypipe strainer post
- › Anchor points on the strainer allow for Star® posts to be driven through as an anchor pin to provide greater holding capacity

Gate fittings available – see page 34



### SPECIFICATIONS

Pipe:	89mm (OD) x 4mm (wall)
Material:	250 grade pipe
Coating:	Hot dipped galvanized (min 300g/m <sup>2</sup> )
Lengths available:	2.15m, 2.50m, 3.25m

## EZYSLOT® STRAINER POST

The fastest and easiest Waratah strainer post to manually install.

- › Best suited to hard–medium ground applications as the pointed end of the Ezyslot can punch through ground that would be more difficult for round strainer posts
- › Economical to erect and capable of withstanding high-pressure loads
- › Termite proof and fire resistant
- › 2.10m strainer can be stayed 3 ways through 90 degrees and 2.50m can be stayed 4 ways through 180 degrees
- › Hot dipped galvanized coating (min 600g/m<sup>2</sup>) for excellent corrosion protection
- › Anchor points on the strainer allow for Star® posts to be driven through as an anchor pin to provide greater holding capacity

Gate fittings available – see page 34



### SPECIFICATIONS

Angle:	75mm x 75mm x 6mm
Material:	300 grade angle
Coating:	Hot dipped galvanized (min 600g/m <sup>2</sup> )
Lengths available:	2.10m, 2.50m

Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!





## ADJUSTA-STAY®

One of the most versatile stays on the market. Can be used with the Ezyslot®, Ezypipe® and most timber, concrete or pipe strainer posts.


- Fully adjustable and reusable stay (sold as a kit, see specifications)
- Effective in all types of terrain including sloping, hard or rocky ground
- Termite proof and fire resistant
- Designed for strength, reliability and ease of use
- Requires no digging and can be installed in less than five minutes with correct tools (optional Adjusta-stay tube socket available)
- Plastic ground engaging pad

### SPECIFICATIONS

Pipe: 50NB pipe x 60.30mm (OD) x 2.30mm (wall) x 3m length

Coating: Hot dipped galvanized (min 300g/m<sup>2</sup>)

Hot dipped tension rod length: 3.25m x M12 (12mm) with nuts and washers

Ground engaging pad: Plastic (recycled) 

### SUGGESTED STRAINER POST INSTALLATION HEIGHT

POST	ABOVE GROUND (MM)	IN GROUND (MM)
Ezypipe 2.15m	1300	850
Ezypipe 2.50m*	1400-1600	900-1100
Ezypipe 3.25m	2050	1200
Ezyslot 2.10m	1250	850
Ezyslot 2.50m	1350	1150

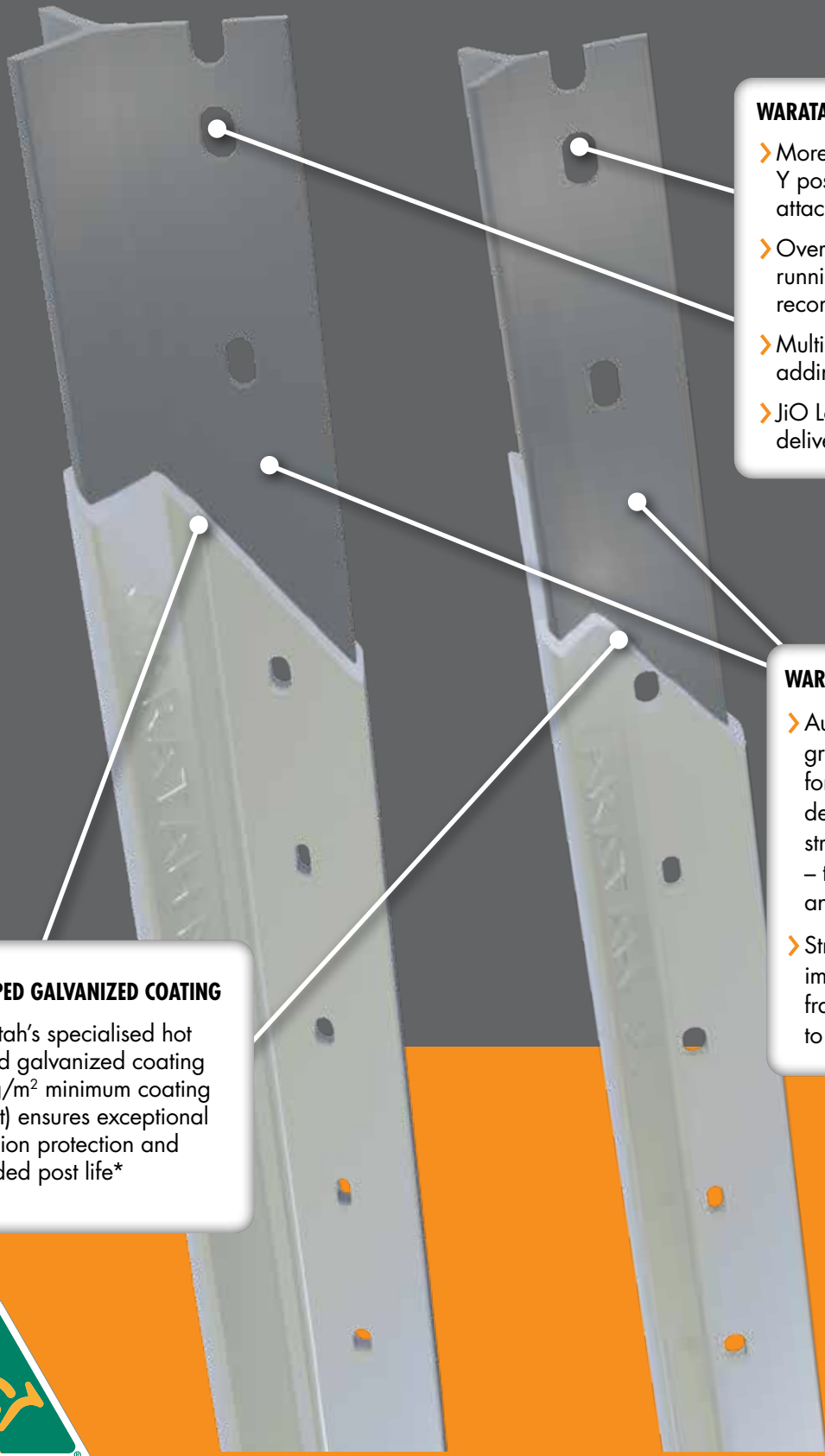


\*Adjustable collar locations using pre-drilled holes – collar comes pre-set at 2nd hole (1500mm above ground), but can be adjusted to 1400mm or 1600mm above ground.

Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!



# JiO® POST RANGE


**WARATAH® JiO HOLES**

- > More holes than traditional Y posts for greater wire attachment options
- > Oversize holes accommodates running wire through holes (not recommended by Waratah)
- > Multiple accessory options for adding clips, ties, and electrics
- > JiO Longlife Blue® post clips deliver fast, secure wire fixing

**WARATAH Y-BAR**

- > Australian made EY60 steel grade designed specifically for use in post applications to deliver the right balance of strength, toughness and ductility – the best steel to weight ratio of any Star® post
- > Strength to withstand high impact loads, toughness to resist fracturing & ductility allows posts to be re-straightened

**HOT DIPPED GALVANIZED COATING**

- > Waratah's specialised hot dipped galvanized coating (600g/m<sup>2</sup> minimum coating weight) ensures exceptional corrosion protection and extended post life\*



Note: \*Some soils can be extremely corrosive to zinc and their coatings – ultimately these factors will determine the life and performance of the product





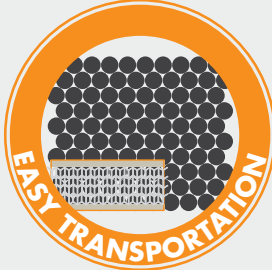



### JiO® STAR®

- > The original Y shape fence post, Waratah®'s most reliable fence post product
- > The strongest, toughest, most flexible Waratah Star post ever made
- > Lengths available: 135cm, 150cm, 165cm, 180cm, 210cm, 225cm, 240cm and 270cm



### JiO MAXY®

- > The JiO MaxY post is twice as strong and double the profile of the JiO Star post for improved ground holding and performance
- > Great intermediate post option compared to timber, concrete or pipe
- > Lengths available: 165cm, 180cm, 210cm, 225cm, 240cm and 270cm

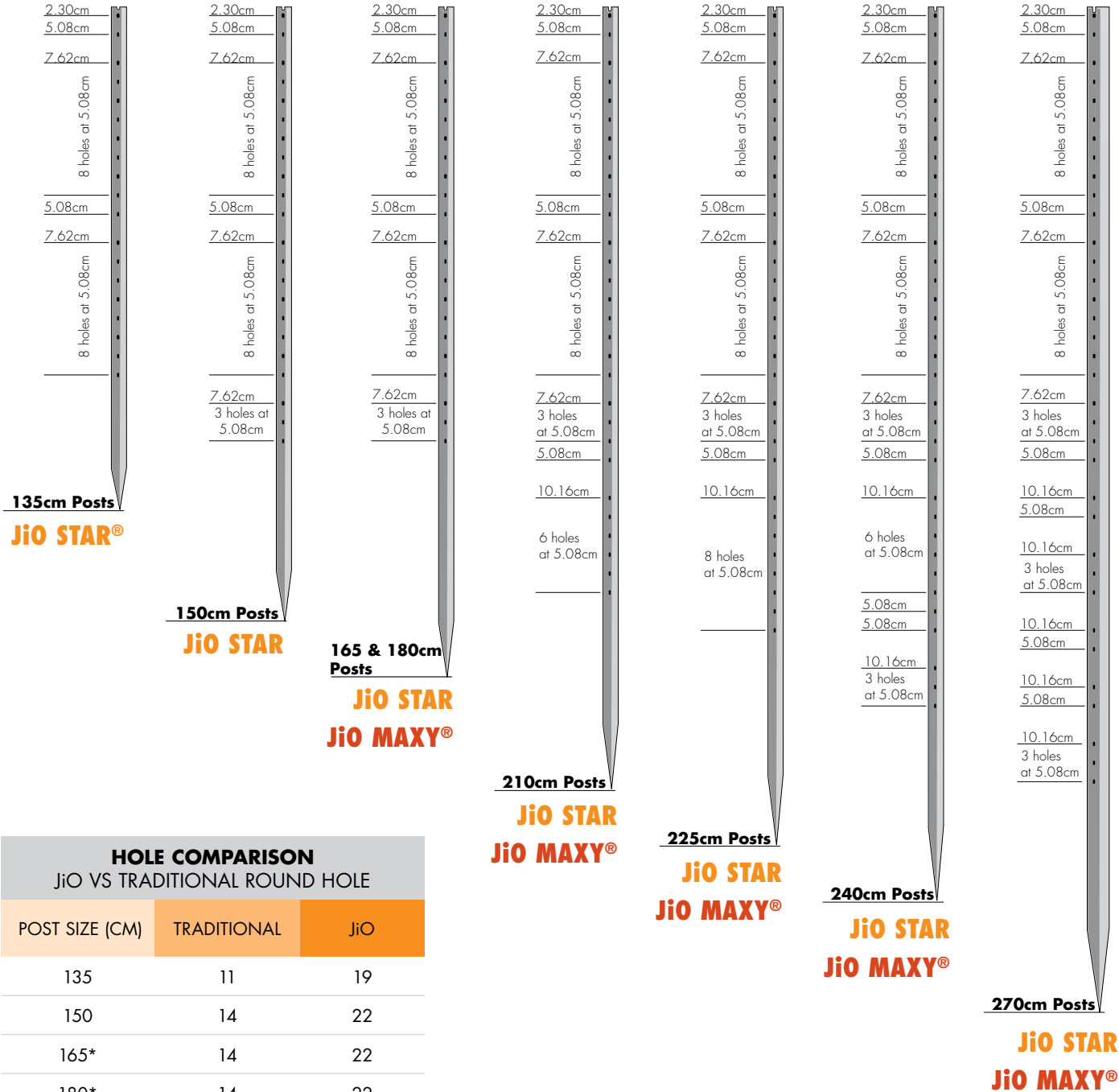
 <p><b>EASIER TRANSPORTATION</b></p> <p>Easier transportation compared to timber, concrete and pipe</p>	 <p><b>EASY INSTALLATION</b></p> <p>Easy installation with a manual or pneumatic driver</p>	 <p><b>TERMITE PROOF &amp; FIRE RESISTANT</b></p> <p>Termite proof &amp; fire resistant</p>	 <p><b>TRIED &amp; TESTED</b></p> <p>Tried and tested in the lab and field</p>
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Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!



## POST SIZE AND HOLE ALIGNMENT GUIDE

The measurements below show that the first hole from the top of the post is 2.30cm. The measurement then shows distance between holes. The 5.08cm distance is to accommodate the use of JiO® post clips.



HOLE COMPARISON		
JiO VS TRADITIONAL ROUND HOLE		
POST SIZE (CM)	TRADITIONAL	JiO
135	11	19
150	14	22
165*	14	22
180*	14	22
210*	17	29
225*	17	31
240*	17	34
270*	-	35

\*JiO MaxY post is only available in these sizes



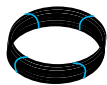
# WIRE

- > Quality wire is essential for the life and performance of your fence
- > Longlife Blue® fence wire uses innovative technology exclusive to Waratah®
- > Longlife Blue is a high-performance product that's been tried and tested to last as part of a complete Waratah fencing system

Covered in this section:



**Longlife Blue wire technology**



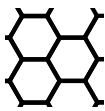
**Fence wire**



**Barbed wire**



**Prefabricated wire**



**Netting**

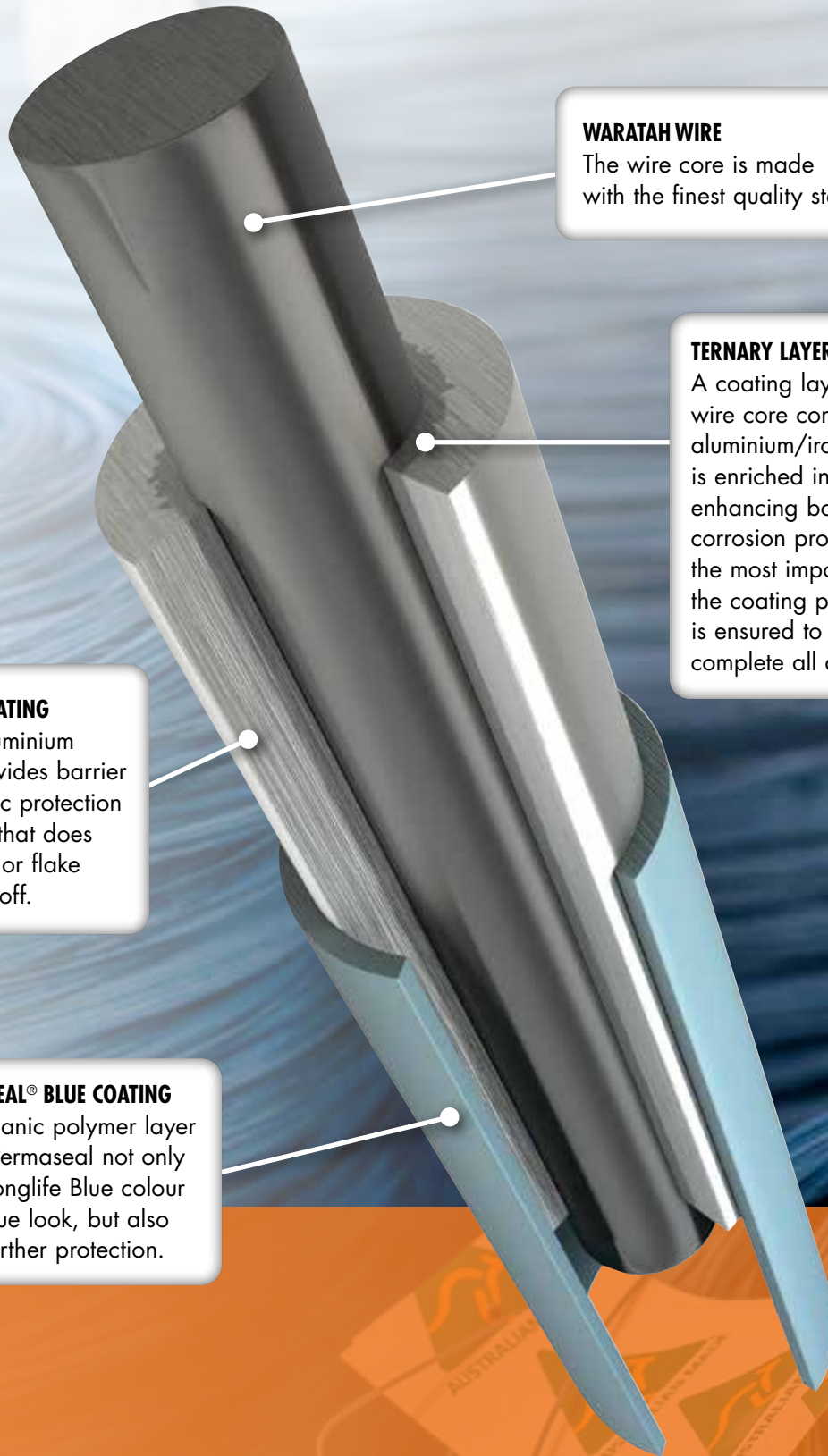


**Wire specifications**





# IF IT'S NOT BLUE, IT'S NOT WARATAH®!



**WARATAH WIRE**

The wire core is made with the finest quality steel.

**TERNARY LAYER**

A coating layer closest to the wire core comprising of zinc/ aluminium/iron. This layer is enriched in aluminium – enhancing both ductility and corrosion protection. This is the most important layer for the coating performance and is ensured to be “intact” and complete all around the wire.

**ZALCOTE® COATING**

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

**PERMASEAL® BLUE COATING**

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





## WHY BUY LOGLIFE BLUE WIRE?

Longlife Blue coating is proven in the lab and in the field for over 20 years.

Good quality fence wire, whether plain, barbed, prefabricated or 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.

## WARATAH IS THE ONLY VERTICALLY INTEGRATED AUSTRALIAN WIRE MANUFACTURER

Mine – Whyalla, SA



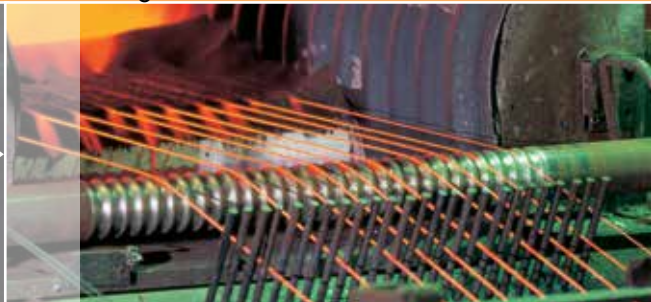
Steel mill – Whyalla, SA & Rooty Hill, NSW



Rod mill – Newcastle, NSW



Wire drawing & coating – Newcastle, NSW & Geelong, VIC



### PREMIUM WIRE CORE

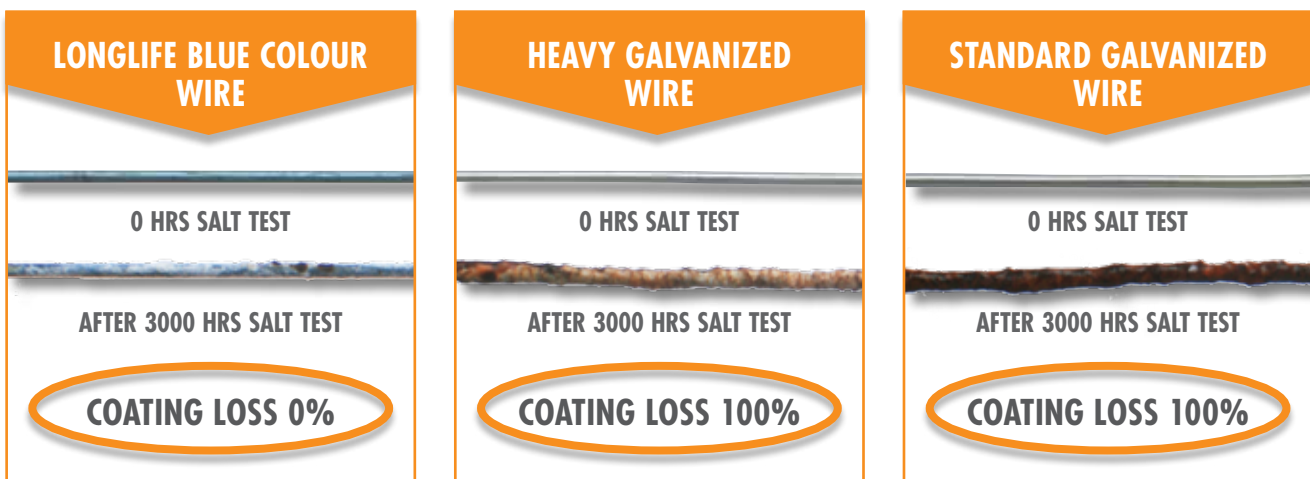
At the centre of Longlife Blue's performance advantage is a premium steel wire core.

The quality and consistency of the wire core provides strength, makes it easier to handle and means less breaks. Longlife Blue wire has a thicker wire core, making the wire stronger and more reliable.

### PREMIUM WIRE COATING

Longlife Blue wire products are coated with Zalcote® and Permaseal® technologies – exclusive to Waratah. Manufactured in Australia to exceed Australian Standards, NATA & Waratah lab testing requirements.

## LOGLIFE VS HEAVY GALVANIZED VS STANDARD GALVANIZED CORROSION PERFORMANCE



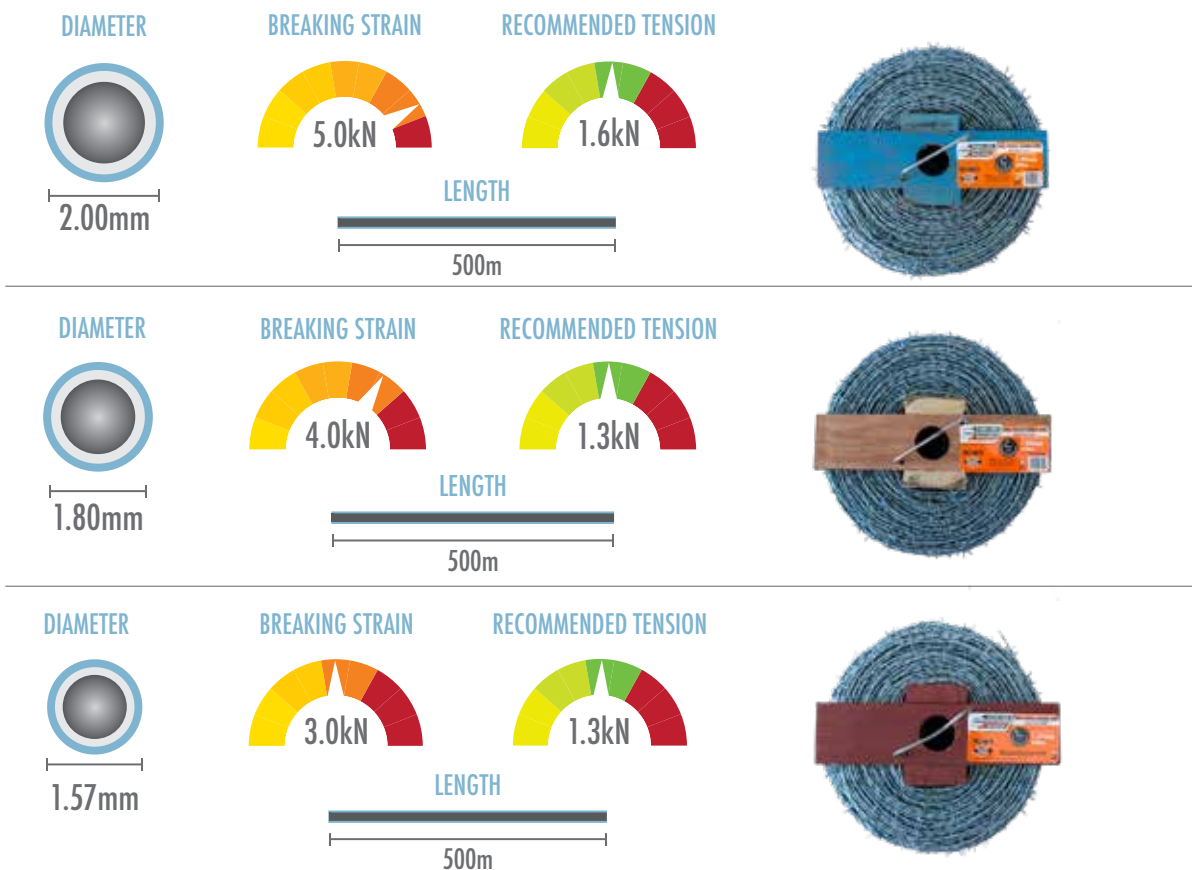




## HIGH TENSILE LONGLIFE BLUE® BARBED WIRE

If a high tensile wire breaks when installing it can cause severe injury. That's why Longlife Blue high tensile barbed wire has a reverse-twist pattern, which allows the wire to unravel when it is placed under an abnormal load and reduces possible breakage.

- › 2.00mm provides 25% greater strength than 1.80mm barb – recommended for high pressure situations
- › 1.80mm provides 25% greater strength than 1.57mm barb – recommended for use on boundary fences where falling tree limbs or animal pressure can be greater
- › 1.57mm available for low pressure situation
- › Reverse-twist pattern provides maximum strength and safety
- › Our barbed wire range proudly meets all Australian safety standards, meaning if used correctly it will provide you with the safety and security you need
- › Consistent and closer barb spacing (10cm) means more barbs for maximum stock pressure and security
- › No joins in the wire coil provides consistent strength along the length of the reel and reduces in the risk of injury when straining. Whilst the Australian Standard allows for up to 3 joins per reel at Waratah we don't accept any – rejecting all rolls that require a join
- › The wooden reel allows for easy unwinding of the wire



Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!



## IOWA LONGLIFE BLUE® BARBED WIRE

Made from low tensile wire in a continuous twist pattern, Iowa offers:

- › A more effective option in fire prone areas compared to high tensile wire
- › Continuous-twist pattern locks the barbs in place to reduce any movement with stock pressure
- › Easier to handle along the fence line than high tensile wire
- › Consistent barb spacing of 10cm
- › No joins in the wire coil provides consistent strength along the length of the reel and reduces the risk of injury when straining. Whilst the Australian Standard allows for up to 3 joins per reel at Waratah we don't accept any – rejecting all rolls that require a join
- › The wooden reel allows for easy unwinding of the wire
- › Our barbed wire range proudly meets all Australian safety standards, meaning if used correctly it will provide you with the safety and security you need

Waratah barb lifter also available – see page 28



DIAMETER



BREAKING STRAIN



RECOMMENDED TENSION



LENGTH



Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!

## ADVICE FOR FARMERS, FROM FARMERS

“Fencing using quality products saves farmers a lot in the long term. The Australian made Waratah products we use are strong, quality steel and will last longer than other cheaper imported products.”  
 – Michael Renner, Marlborough Region NZ

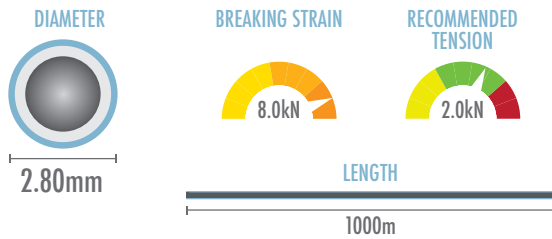


Michael Renner



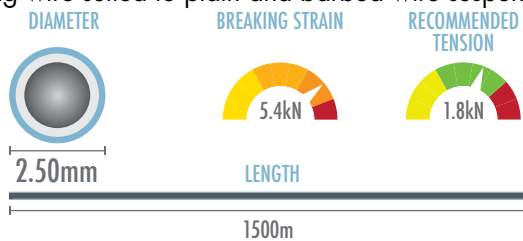
## LOGLIFE BLUE® HIGH TENSILE

- > A large diameter wire with a high breaking strain, recommended where strength is vital
- > Use as a top wire where falling branches or large animals pose pressure/breakage threats



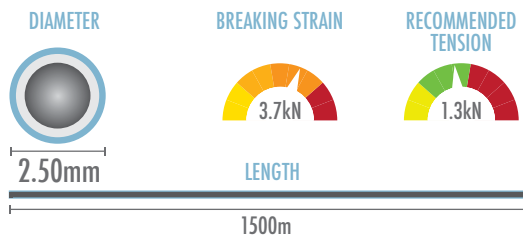
## TYEASY® LOGLIFE BLUE HIGH TENSILE

- > Is an economical fence wire for use in medium to high pressure situations
- > A strong wire suited to plain and barbed wire suspension fencing



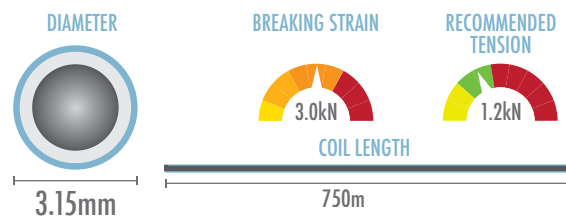
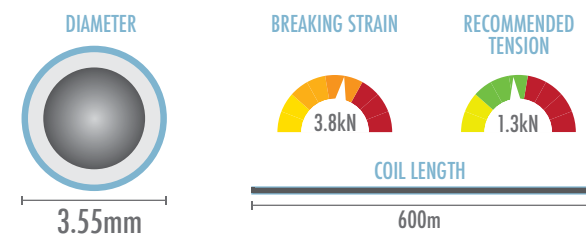
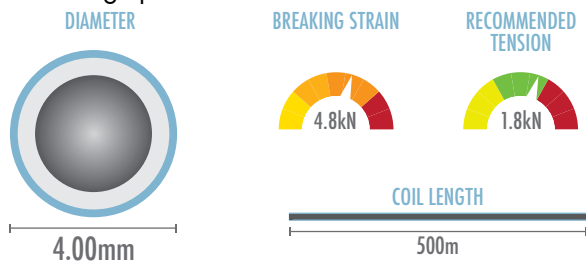
## FLEXABEL® LOGLIFE BLUE MEDIUM TENSILE

- > For use in low to medium pressure situations
- > General purpose wire is suited to electric fencing as it has good tying properties



## LOGLIFE BLUE LOW TENSILE (SOFT WIRE)

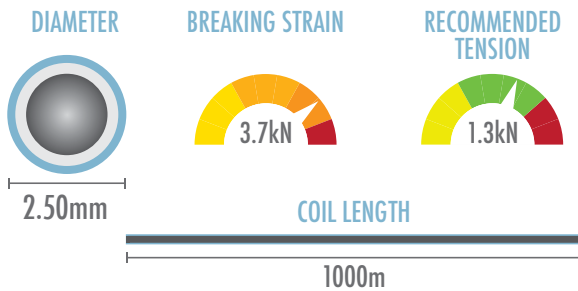
- > More effective in fire prone areas compared to high tensile wire
- > For use in traditional fencing systems with closely spaced posts
- > Medium to high pressure situations: 4.00mm and 3.55mm. Low pressure situations: 3.15mm



Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!

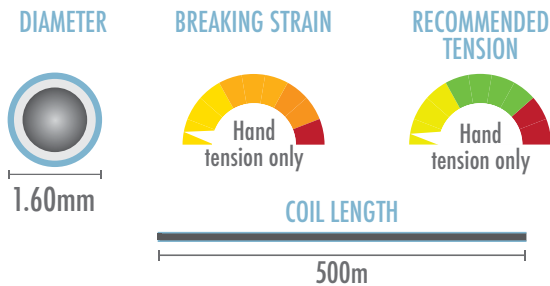
## PERMELEC® LONGLIFE BLUE®

- › Strong and flexible, medium tensile wire specifically for permanent electric fencing
- › Useful for situations such as cattle subdivision, strip grazing and to enhance existing fences



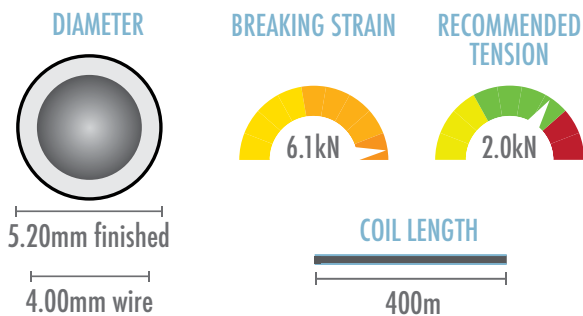
## TEMPELEC® LONGLIFE BLUE

- › A low tensile and versatile fencing solution, ideal for temporary electric fencing and strip grazing
- › Provides greater current-carrying capacity than normal polywires and tapes, and with Longlife Blue coating, it makes a strong alternative to tie wire



## HORSESIGHTER® WIRE

- › UV stabilised PVC coated wire
- › Has finished size of 5.20mm enclosing a low tensile 4.00mm standard galvanized wire
- › White coating provides improved visibility for horses – perfect for use as a top wire with Stocksafe-T® Longlife Blue 13/122.5/5 horse wire



Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!

### ADVICE FOR FARMERS, FROM FARMERS

“They’re much quicker to install by hand as an effective alternative to having to dig posts and strainers – you can get them in really quick, therefore a less expensive option in the long run.”  
– Dave Lloyd, Northland NZ



Dave Lloyd

POSTS

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WIRE

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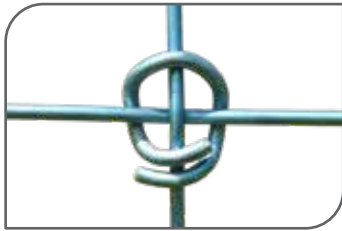
PLANNING

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# STOCKLOCK® LONGLIFE BLUE®



A range designed to resist high stock pressures, it can cover most farmers' requirements, from secure boundary fencing, to subdivisions, to cell paddocks or laneway systems.

- > Ring-joint design favoured for longer spans and suspension fence designs
- > Allows movement of the wires to absorb impact and spread load
- > Single picket wire has a 'dropper' effect, providing maximum support
- > Features 2.80mm high tensile top and bottom line wires for added strength (all other line wires are 2.50mm)

WIRE SIZE*	SUGGESTED APPLICATION	ROLL LENGTH (M)
10/110/15		100
8/90/30		200
8/90/15		100
7/90/60		200
7/90/45		500
7/90/30		200, 400
6/90/45		200
6/90/30		200
6/70/45		200
6/70/30		200
5/70/45		200
5/70/30		200

\*8/90/30: 8 line wires; 90cm fence height; 30cm picket spacing

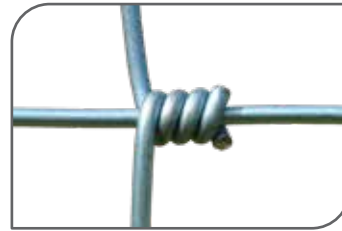


Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!





## STOCKTITE® LONGLIFE BLUE®



The range features the hinged joint design that is one of the most widely used designs in Australia and around the world and is favoured in conventional fencing design. There is no stronger knot that locks the horizontal or line wires to each other, which has led to extensive use where larger animals are trying to force their way between the horizontal line wires.

- › Hinged joint 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 selvedge wires, saving time and money (all other line wires are 2.50mm)
- › Animals can be deterred from burrowing under your fence with the Stocktite skirt 6/51/15, a dedicated section that can be attached to an existing fence line as an apron layout using Ringmaster® clips

WIRE SIZE*	SUGGESTED APPLICATION	ROLL LENGTH (M)
8/115/15		100
8/90/30		200, 500
8/90/15		100
8/80/15		100
7/90/30		200, 500
6/90/30		200
6/70/30		200, 500

\*8/90/30: 8 line wires; 90cm fence height; 30cm picket spacing

2.00mm line wires		
WIRE SIZE	SUGGESTED APPLICATION	ROLL LENGTH (M)
6/51/15		300

^Griple® not included on dog skirt

Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!





# STOCKSAFE-T® LONGLIFE BLUE®



The range has been specifically designed to prevent animals penetrating the fence.

- › Used to provide an effective barrier against feral animals, such as wild dogs, pigs, wallabies and kangaroos
- › Rigid knot resists vertical wires from being separated, reducing the chance of animals penetrating the fence barrier
- › Size and concentration of animals will help determine the right fence height, picket spacing and tensile strength, to establish an effective barrier against animal incursion
- › Comes with extended wire ends (45cm) for joining or tying off – no need to remove pickets
- › Features 2.80mm high tensile top and bottom line wires for added strength

WIRE SIZE*	SUGGESTED APPLICATION	ROLL LENGTH (M)
15/150/15		100
12/115/15		250
11/90/15		100
8/90/30		200, 500
7/90/45		500
7/90/30		200, 500
6/70/30		200
2.00mm line wires		
13/90/15^		100

\*8/90/30: 8 line wires; 90cm fence height; 30cm picket spacing

^ 13/90/15 is manufactured with 2.00mm medium tensile wires



Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!





## STOCKSAFE-T® LONGLIFE BLUE® WITH APRON

With an apron (lap fence) already attached, Stocksafe-T Longlife Blue with apron eliminates the gap between the bottom wire and the ground that appears in traditional fence designs.

- › Depending on your fence design, this product can provide an effective barrier against feral animals, such as wild dogs, pigs, wallabies and kangaroos
- › Apron is preattached to the bottom horizontal wire via a hinged knot
- › 30cm section of apron can then be laid on the ground, reducing penetration or digging under the fence line by feral animals

WIRE SIZE	SUGGESTED APPLICATION	ROLL LENGTH (M)
15/150/15		100, 250, 500
12/115/15		250
11/90/15		100

## STOCKSAFE-T LONGLIFE BLUE FOR HORSES, DOGS & HOUSE YARDS

Designed to keep horses and dogs secured in a yard.

- › Made from low tensile (soft) 3.15mm top and bottom line wires and 2.50mm line and picket wires, it has good stretch under stock pressure and is manufactured without sharp edges on wire, reducing injury to valuable stock
- › Ensures the hooves of horses are not entangled and causing injury
- › Low-tensile wire is favoured to reduce potential injury to horses
- › Tight 5cm picket spacings reduce the risk of pawing, stepping or walking down the fence

WIRE SIZE	SUGGESTED APPLICATION	ROLL LENGTH (M)
13/122.5/5		50

Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!





# STOCKGRIP® LONGLIFE BLUE®



Favoured for longer spans and suspension fence designs. The single picket wire has a 'dropper' effect and creates a stiffness in the fence, whilst the knot allows for some movement of both the picket and horizontal (line) wire. This unique feature allows the fence to absorb impact and spread load.

- › Continuous vertical picket means less need for droppers, saving you time and money
- › The Stockgrip knot allows you to follow the contour in undulating ground, potentially spacing posts further apart
- › Each line wire has tension curves crimped into it allowing for expansion and contraction in temperature extremes and also to resist loss of tension and permanent distortion on impact
- › 2.80mm top and bottom high tensile wires add strength; creating less need for selvedge wires saving time and money. For heavy load and high pressure situations selvedge wires are recommended. All other line wires are 2.50mm diameter

WIRE SIZE*	SUGGESTED APPLICATION	ROLL LENGTH (M)
16/180/15		250
15/150/15		250
13/190/30		100
12/115/15		250
11/90/15		100
8/90/30		100, 200, 500
8/90/15		100
7/90/30		200
6/70/30		200

\*8/90/30: 8 line wires; 90cm fence height; 30cm picket spacing

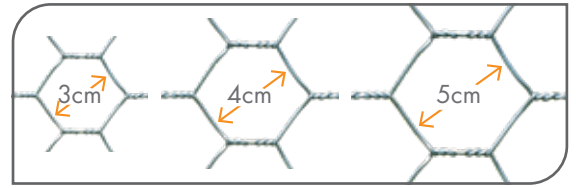


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**LOGLIFE BLUE® NETTING**



The range is designed for a wide variety of applications.

- › Typically used for small feral animals and also for containment of domestic animals i.e. chickens
- › Netting pattern is produced in reverse twist to better absorb impact
- › Two-ply seldge wire is used to give the netting added strength
- › For light pressure applications the 1.4mm wire is most suitable, for heavy use high pressure applications in highly corrosive environments the 1.8mm wire is better suited
- › For fighter exclusion applications the 3cm mesh spacing is recommended to prevent smaller animals such as kittens (baby rabbits) from getting through the fence. Commonly used at ground level



**Livestock, exclusion & conservation**

WIRE SIZE*	ROLL LENGTH (M)	WIRE SIZE*	ROLL LENGTH (M)
<b>4.0cm MESH 1.4mm</b>		<b>3.0cm MESH 1.4mm</b>	
30/4.0/1.40	100	30/3.0/1.40	100
60/4.0/1.40	100	60/3.0/1.40	100
90/4.0/1.40	50, 100	90/3.0/1.40	50, 100
105/4.0/1.40	50, 100	105/3.0/1.40	50, 100
180/4.0/1.40	50	120/3.0/1.40	50, 100

WIRE SIZE*	ROLL LENGTH (M)	WIRE SIZE*	ROLL LENGTH (M)
<b>4.0cm MESH 1.8mm</b>		<b>5.0cm MESH^ 1.6mm</b>	
30/4.0/1.80	100	90/5.0/1.60	50
60/4.0/1.80	100	120/5.0/1.60	50
90/4.0/1.80	50, 100	180/5.0/1.60	50
105/4.0/1.80	50, 100		
180/4.0/1.80	50		

\*30/4.0/1.40: 30cm fence height; 4cm mesh spacings; 1.40mm wire diameter

^recommended for poultry mesh applications

Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!

POSTS

3-8

WIRE

9-26

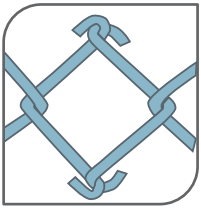
ACCESSORIES 27-38

PLANNING

39



## LONGLIFE BLUE® CHAINLINK



Longlife Blue Chainlink can be used for a variety of domestic, commercial or industrial applications. Factory/building enclosures, temporary fencing, wildlife highway barriers, sporting enclosures, and erosion control are some common applications.

- The mesh size of 50mm is the maximum distance between the wires forming that parallel sides of the diamond shape
- Light duty – (2.50mm wire diameter) should be used for light industrial applications where security and durability of a lower priority
- Heavy duty – (3.15mm wire diameter) should be used when higher security and durability is required from a rigid fabric

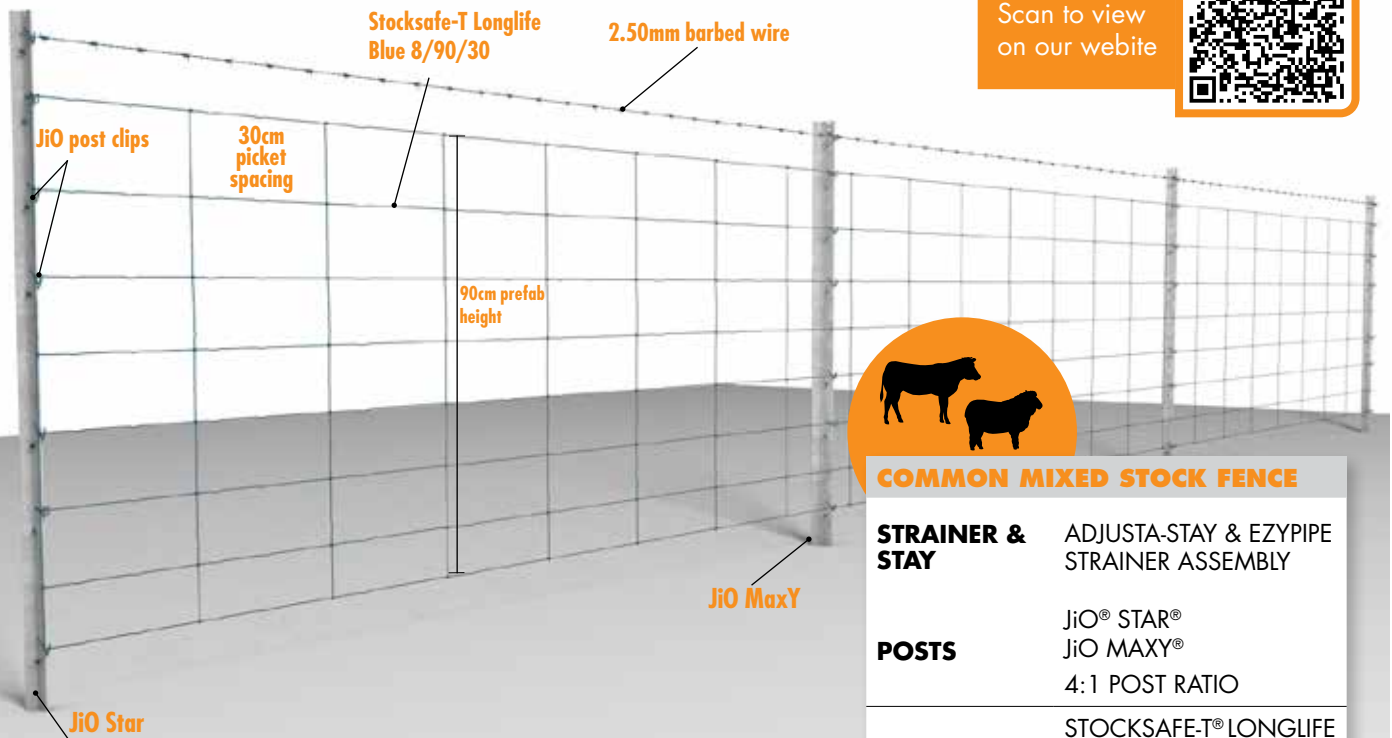
WIRE SIZE*	ROLL LENGTH (M)
<b>5.0cm DIAMOND</b>	<b>2.50mm</b>
90/5.0/2.50	15
120/5.0/2.50	15
150/5.0/2.50	15
180/5.0/2.50	15
210/5.0/2.50	15
<b>5.0cm DIAMOND</b>	<b>3.15mm</b>
90/5.0/3.15	15
120/5.0/3.15	15
150/5.0/3.15	15
180/5.0/3.15	10
210/5.0/3.15	10

\*90/5.0/2.50 = 90cm fence height; 5cm diamond aperture; 2.50mm wire diameter



Not all sizes are available for immediate delivery and may require longer lead times - contact Waratah to find out more!



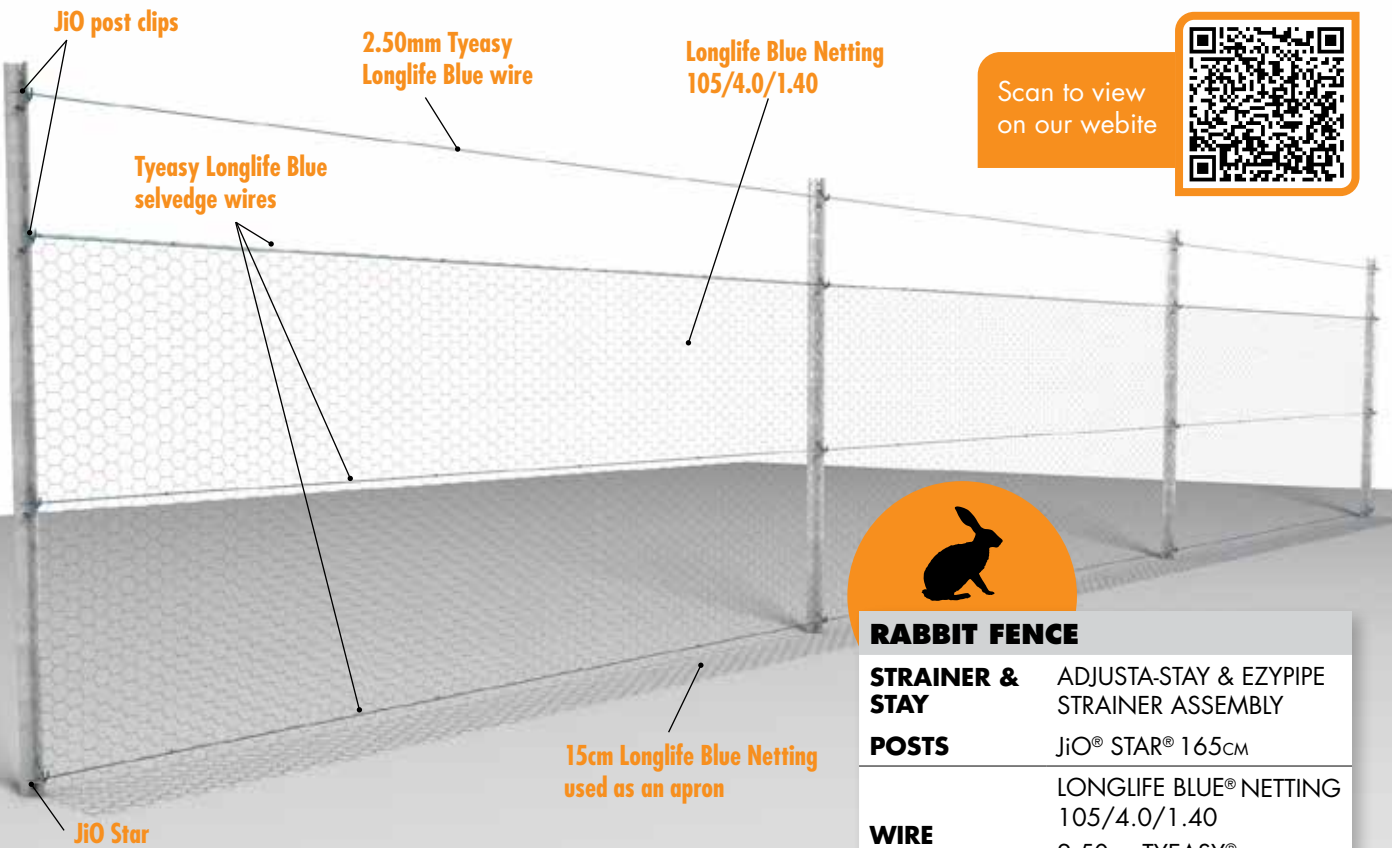


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### COMMON MIXED STOCK FENCE

<b>STRAINER &amp; STAY</b>	ADJUSTA-STAY & EZYPIPE STRAINER ASSEMBLY
<b>POSTS</b>	JiO® STAR® JiO MAXY® 4:1 POST RATIO
<b>WIRE</b>	STOCKSAFE-T® LONGLIFE BLUE® 8/90/30 2.50MM BARBED WIRE
<b>ACCESSORIES</b>	JiO POST CLIPS



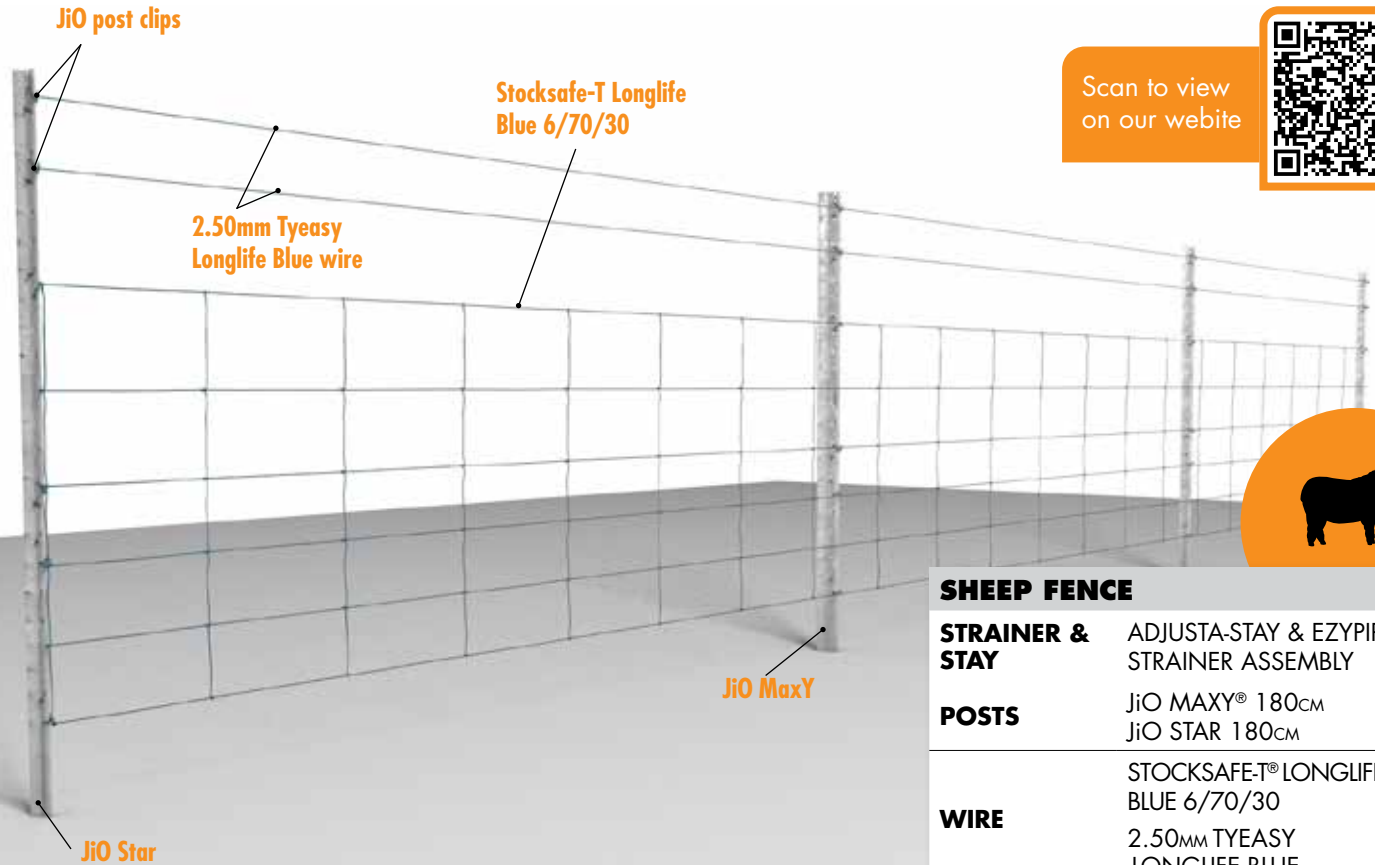
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### RABBIT FENCE

<b>STRAINER &amp; STAY</b>	ADJUSTA-STAY & EZYPIPE STRAINER ASSEMBLY
<b>POSTS</b>	JiO® STAR® 165CM
<b>WIRE</b>	LONGLIFE BLUE® NETTING 105/4.0/1.40 2.50MM TYEASY® LONGLIFE BLUE®
<b>ACCESSORIES</b>	JiO POST CLIPS





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<b>SHEEP FENCE</b>	
<b>STRAINER &amp; STAY</b>	ADJUSTA-STAY & EZYPIPE STRAINER ASSEMBLY
<b>POSTS</b>	JiO MAXY® 180cm JiO STAR 180cm
<b>WIRE</b>	STOCKSAFE-T® LONGLIFE BLUE 6/70/30 2.50mm TYEASY LONGLIFE BLUE
<b>ACCESSORIES</b>	JiO POST CLIPS



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<b>DEER FENCE</b>	
<b>STRAINER &amp; STAY</b>	ADJUSTA-STAY & EZYPIPE STRAINER ASSEMBLY
<b>POSTS</b>	JiO® MAXY® 270cm
<b>WIRE</b>	STOCKGRIP® LONGLIFE BLUE 13/190/30
<b>ACCESSORIES</b>	JiO POST CLIPS

# PREFABRICATED WIRE SPECIFICATIONS

## WIRE GAUGE GUIDE

Diameter (mm)	1.57	1.60	1.80	2.00	2.50	2.80	3.15	3.55	4.00	5.20
Gauge	16	16	15	14	12.5	11	10	9	8	5.5

Wire diameter may still sometimes be described in terms of the imperial wire gauge system. This table notes the conversion equivalents in the metric system that we use at Waratah®.

## KNOW YOUR PREFABRICATED WIRE

Height of fence from top to bottom wire e.g. 70cm

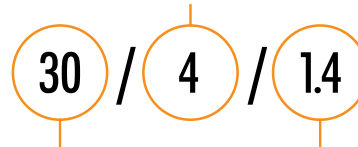


Number of horizontal line wires

Spacing between vertical wires e.g. 30cm

## KNOW YOUR NETTING

4cm mesh spacing



30cm fence height

1.40mm wire diameter

## PREFABRICATED WIRE SUGGESTED APPLICATION



Sheep



Cattle



Deer



Wallabies



House



Poultry



Rabbit



Lambs



Goats



Pigs



Dogs

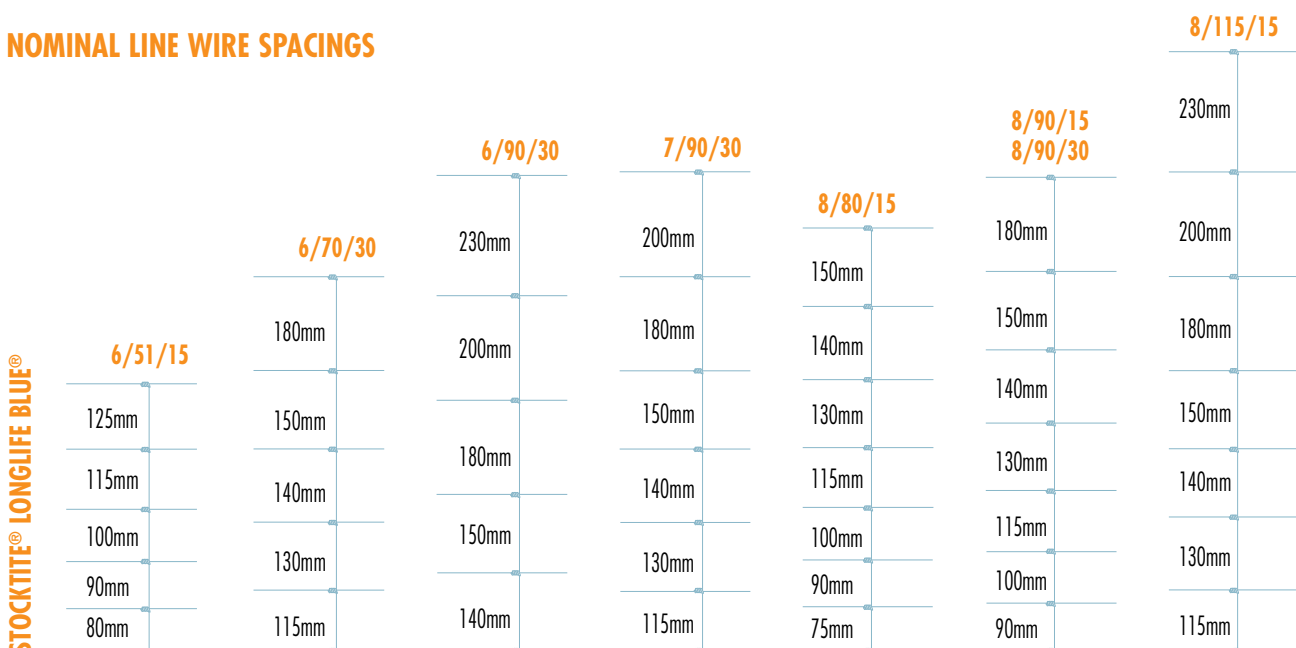


Horses



Yard

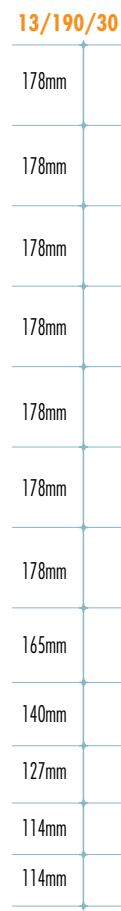
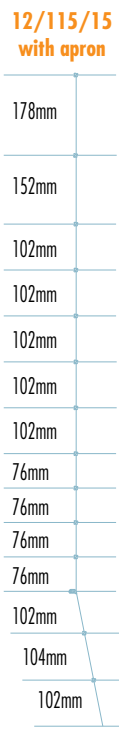
## NOMINAL LINE WIRE SPACINGS





# NOMINAL LINE WIRE SPACINGS

**STOCKGRIP®/STOCKLOCK®/STOCKSAFE-T® LONGLIFE BLUE®**

**STOCKGRIP®/STOCKLOCK®/STOCKSAFE-T® LONGLIFE BLUE [CONT.]**

**STOCKGRIP®/STOCKSAFE-T® LONGLIFE BLUE WITH APRON**


The Australian Standard AS2423:2002 tolerance is ±25mm

# ACCESSORIES

- › Save time and money by having the right tool for the job with Waratah®'s market-leading range of tools and accessories
- › Whether you are constructing or maintaining your fence, all our equipment is designed to work together with the Waratah Fencing System™
- › Waratah accessories simplify installation, eliminating the need for machinery and extending the life of Longlife Blue® fence wire.

Covered in this section:



**Trellising tools**



**Fencing accessories**



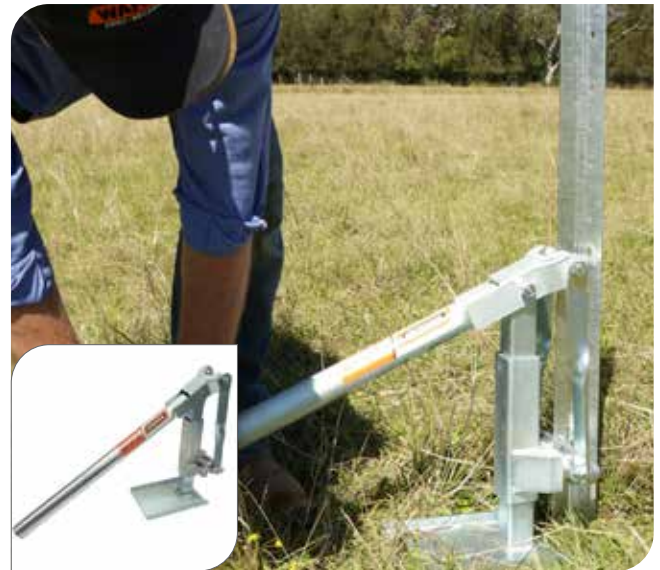
**Wire joiners**





## EZYSLOT® AND EZYPIPE® STRAINER POST DRIVER

- › Essential for manual installation, these heavy duty, 19kg strainer post drivers have square or round profiles to fit snugly over Ezyslot/Ezypipe posts
- › Reinforced gusset handles for added strength



## STAR® POST LIFTER

- › Heavy-duty construction with durable electro-plated finish and simple pump-action handle
- › Hardened jaws with roughened face for increased grip and efficiency
- › Designed to be used at the base of the post



## BARB WIRE REEL LIFTER

- › Designed to make lifting barbed wire reels safe and easy
- › Requires two (2) people to lift safely
- › Rated to lift 75kgs
- › Features rubber handles for comfort



## STAR POST DRIVER 80NB

- › A fast and easy way to manually install all Waratah® Star posts, including both JiO® MaxY® and JiO Star posts
- › 9kg mass for optimum driving force and less effort
- › Offset handles for ergonomic use and reinforced gusset handles for added strength





### THREE-WAY WIRE SPINNER

- > A multipurpose tool for safely spinning out plain and barbed wire without tangling or overrunning
- > Operates in a stationary position or as a 'hand cart' along the fence line for barbed wire
- > Double cradle wire spinners also available



### THREE-WAY WIRE SPINNER WHEELS\*

- > Removable gel filled wheels prevents wheel puncturing
- > Easily switch between stationary and movable spinner
- > Jockey stand to hold your spinner in place
- > Can be towed behind a farm vehicle

\*Wire spinner not included



### WEDGELOCK® CLAMP – STANDARD

- > Hold prefabricated wire and netting in place while Wizard® wire strainers (hooked top and bottom of the clamp) evenly tension the wire
- > Standard unit: available in 1.00m, 1.30m and 1.60m lengths to suit prefabricated fence heights



### WEDGELOCK® CLAMP – CONTRACTOR

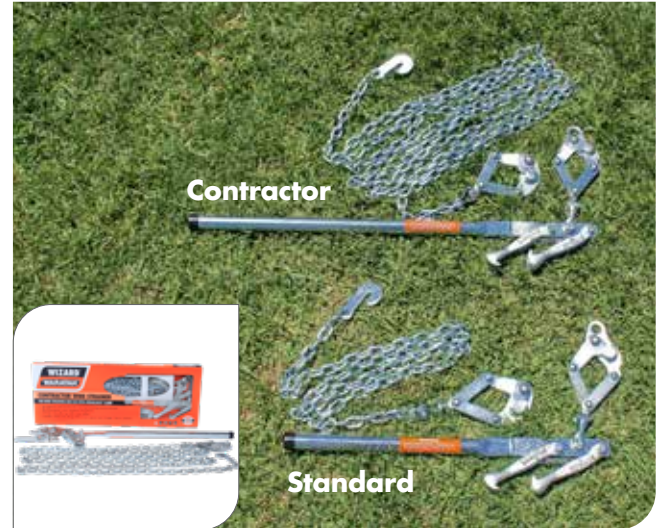
- > Performs the same action as the standard, with hardened wedges for greater holding and reinforced clamp action
- > Designed and tested for use by fencing professionals.
- > Features an additional wedge for tighter securing of the top and bottom selvage wires.
- > Contractor unit: available in 1.60m, 1.90m and 2.00m lengths to suit prefabricated fence heights





## WIZARD® WIRE STRAINER – STANDARD

- › Grips wire securely to efficiently tension plain and barbed fence wire
- › Used with the Wedgelock® clamp to strain prefabricated fencing
- › 1.80m long chain



## WIZARD® WIRE STRAINER – CONTRACTOR

- › Grips wire securely to efficiently tension plain and barbed fence wire
- › Used with the Wedgelock clamp to strain prefabricated fencing
- › 4.50m long chain for use with larger diameter posts for longer fence strain. Also has a longer handle for easier operation and more leverage (30% less effort)



## THUMPA® PNEUMATIC POST DRIVER

- › An easy way to drive JiO® Star®, JiO MaxY® and Gripfast® trellis posts into virtually any terrain faster than a manual driver, saving time and money
- › Change between post types 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: for light use ~25CFM, for heavy use >37CFM. Recommended pressure: 80–100PSI. Do not run above 100PSI
- › Comes with a 12 month warranty



## EZYPIPE®/EZYSLOT® GUIDE AND ANCHOR PIN

- › Change between post types in seconds with a simple twist and release system
- › For use on Waratah Ezypipe and Ezyslot
- › For use with Thumpa pneumatic post driver
- › 120mm pipe guide also available



### TENSER SENSER® WIRE TENSIONING GAUGE

- › Indicates approximate wire tension to more accurately strain wire – helping to prolong fence life and reduce maintenance time and costs
- › Can be used with plain, barbed, high tensile and prefabricated fencing systems
- › Pre-assembled and calibrated for immediate use



### RINGMASTER® PNEUMATIC CLIP GUN

- › A fast, easy way to secure clips to fence wires, reducing physical effort and increasing the number of clips installed per hour
- › Designed for use with Waratah Ringmaster Longlife Blue® clips (see page 36)
- › Recommended air pressure: optimum 80PSI. Do not operate above 100PSI



### WIRE CUTTERS AND FENCING PLIERS\*

- › Waratah wire cutters: a powerful cutter with centric precision cutting edges, designed for use with all fence wire types
- › Waratah fencing pliers: a combination plier designed for gripping surfaces particularly suited to flat material and medium to hard wire

\*Product covered by Bahco® guarantee



### STAY PINS

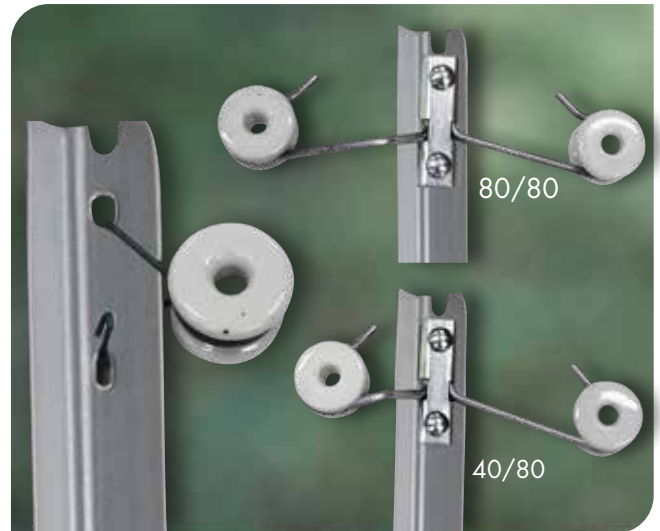
- › Conveniently pre-cut 30cm straight lengths to save time with no sharp ends for safe use
- › Made from 10mm hot dipped galvanized rod
- › Ideally suited for timber strainer H box assemblies





### JiO® PINLOCK INSULATOR

- › Twin pin system locks the insulator firmly in place
- › The increased diameter front pin withstands higher wire pressure from stock impact
- › Twin pin matches with the existing JiO® post holes for super fast installation requiring no tools
- › Pinlock wire retention with twist lock closure allows for easy installation/removal of wire under tension



### JiO PORCELAIN INSULATOR

- › Waratah has a range of electric clips to suit your needs
- › **JiO porcelain insulator:**
  - Securely hold your porcelain insulators through the cross over Longlife Blue® clip design
- › **JiO electric dual offsets:**
  - Can securely hold 2 porcelain insulators simultaneously available in 2 sizes 80mm/40mm & 80mm/80mm
- › Insulators included with every clip



### LONGLIFE BLUE FARMERS FRIEND® TIE WIRE

- › Packaged in an easy to carry 3kg reel which is easy to carry
- › Longlife Blue coating for maximum corrosion protection
- › Handy for tying off wire to posts, repairs and general maintenance



### RINGMASTER® LONGLIFE BLUE CLIPS

- › Effectively secures all types of fence wire
- › Recommended for use with the Waratah Ringmaster clip gun
- › Made from 1.80mm Longlife Blue wire



### JiO® POST CLIPS

- › Effectively secure fence wires to JiO posts, up to 20% faster than traditional clips
- › Simple and easy to use – no tools required
- › Made from Longlife Blue® wire



### STAR® POST CLIPS

- › Effectively secure fence wires to Star posts
- › Economical and easy to use with fastening tool
- › Made from Longlife Blue wire
- › Can be used on JiO and GalStar® posts



### CUT-LENGTH TIE WIRE

- › Conveniently pre-cut 30cm straight wire lengths to save time with no sharp ends for safe use
- › Made from Longlife Blue wire
- › Ties wire to the back of the post
- › Available in packs of:  
2.50mm x 30cm lengths  
3.15mm x 30cm lengths



### BARBED STAPLES

- › An ideal way to secure fence wire to timber posts, with Longlife Blue coating to prolong the life of your fence
- › Provide greater holding pressure
- › Available in wire diameters from 3.15mm to 4.00mm and in lengths from 32mm to 50mm
- › Available in 2.5kg, 5kg and 15kg pack sizes





## POST EXTENSIONS

- › A straight, 45 degrees or 90 degrees extension that can be attached to JiO® posts
- › Unique JiO holes allow the use of clips and related accessories
- › Ezypipe® strainer post extension for 45° and 90° also available



## STAR® & MAXY® POST CAPS

- › High-visibility, UV resistant Star post caps make the posts safer and more visible
- › White or yellow HDPE material for strength and fade resistance
- › Pre-formed slots on white Star and MaxY post caps accommodate a wide range of electric accessories
- › Locking strap on yellow post cap prevents cap loss

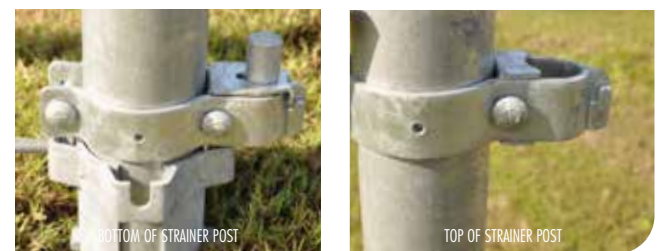


## ANTI-SINK PLATES

- › Increases the surface area of fence posts to reduce posts sinking in soft or disturbed soils
- › Designed to fit all Waratah® posts, including Gripfast®
- › Made from 1.40mm galvanized steel (275g/m<sup>2</sup>)



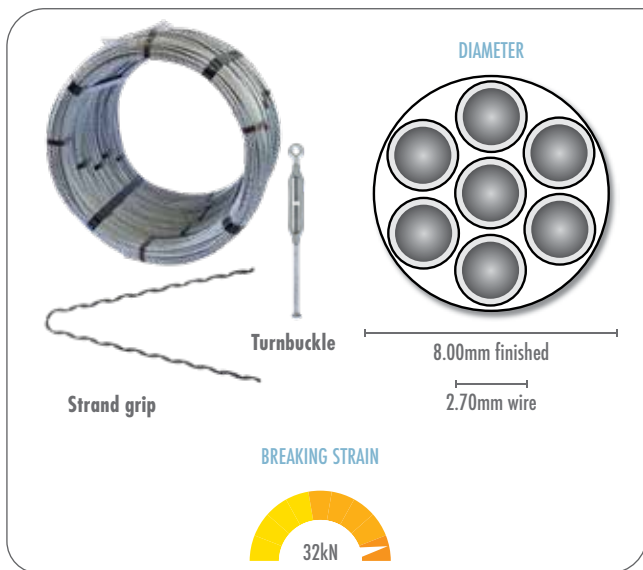
EZYSLOT



EZYPIPE

## GATE FITTINGS

- › Ezyslot® and Ezypipe gate fittings for use with their respective strainer post type
- › Corrosion resistant, heavy duty, hot dipped galvanized steel
- › Bolts together in minutes with no welding
- › Ring, chain and latch set included



### CATTLE YARD STRAND

- › Cost effective alternative to traditional timber post and rail systems that is more flexible under stock pressure
- › Made from heavy galvanized, high tensile wire
- › The turnbuckle allows tension to be adjusted at any time
- › Use strand grip to attach cattle yard strand to turnbuckles
- › Provides excellent visibility across cattle yards

### 6MM GALVANIZED WIRE ROPE 100M

- › Manufactured from standard galvanized wire to form 7x7 strand wire
- › Maximum breaking load of 26.8kN
- › Loop on one end for easy attachment
- › Suitable for heavy duty applications that require greater holding capacity with more flexibility
- › Can be used with Waratah® flood posts, Gripple® Dynamic D6 and around cattle yards for added support

### FLOOD POSTS



The Waratah flood post is an innovative and unique floating fence system designed for use across waterways and flood-prone areas to help protect both fences and livestock.

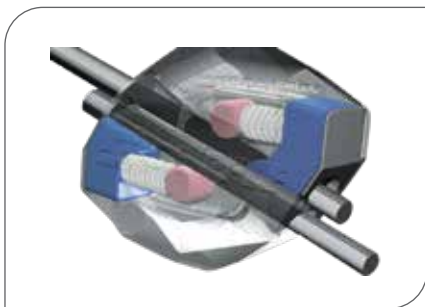
- › Durable – made from strong polyethylene which doesn't rust and is UV/fade resistant
- › Insulated – may be used for electric fence applications

- › Versatile – 11 stainless steel eyelets and slots for horse and electric fence tape
- › Foot step – for easy installation
- › Weighted ballast – fill with 6 litres of water using removable bung to set ballast at desired water level. This allows the posts to rise with the water level lifting the fence wires above floating debris

HEIGHT (TOP TO GROUND)	HEIGHT (TOTAL UNIT)	WIDTH	GROSS WEIGHT (WITHOUT BALLAST)
1280mm	1630mm	320mm	8.75kg

Note: Other components for installation sold separately





## GRIPPLER PLUS™

- › Grippler Plus wire joiners save time and effort when joining wires, tensioning or terminating wire at a strainer post
- › The patented ceramic locking mechanism delivers a strong grip and can take higher loads
- › Available in small, medium and large
- › Suitable for electric fencing applications
- › Housing is die-cast zinc for superior corrosion protection
- › Grippler Plus products are load tested to -15°C



### GRIPPLER PLUS SMALL

- › Suitable for use with 1.40mm – 2.20mm wire

MAX WORKING LOAD



### GRIPPLER PLUS MEDIUM

- › Suitable for use with 2.00mm – 3.25mm wire

MAX WORKING LOAD



### GRIPPLER PLUS LARGE

- › Suitable for use with 3.25mm – 4.20mm wire

MAX WORKING LOAD



## GRIPPLER® T-CLIP™/T-CLIP LARGE

- › A great alternative to tying off wire around strainer posts – no need for knots, twisting or staples, saving both time and labour
- › T-Clip suitable for 1.80mm-3.25mm wire
- › Use the T-Clip at either end of the fence line to tie-off wire
- › Allows consistent replication and is up to 5 times faster than a manual tie-off
- › Housing is die-cast zinc for superior corrosion protection
- › Recommended for round strainer posts
- › T-Clip large suitable for 4.00mm plain wire & barbed wire



## ONE WAY GRIPPLER

- › Engineered with one channel to butt-up against an end post
- › Integral safety channel to protect the tail wire
- › Ideal for the fast termination of wire or use with end posts in vineyards, orchards and fencing



## GRIPPLE® C-CLIP

- › Perfect for attaching wires onto a cable
- › An innovative, twist-on device
- › Allows horizontal and vertical adjustment along the wire rope
- › Cams lock solidly in place even at angles up to 60°
- › Suitable for suspension of Waratah® flood posts



## GRIPPLE DYNAMIC D4 & D6

- › Makes securing cable quick and simple. For maximum strength loop the cable around the base and secure back through the Grippler Dynamic
- › Lockable, inbuilt cam-lock to lock the cable in place to prevent slipping
- › Can be tensioned with the standard Grippler tool
- › The Grippler Dynamic D4 is suited for 4mm to 4.75mm wire rope
- › The Grippler Dynamic D6 is suited to the 6mm galvanized wire rope



## H-POST®/ANCHOR-FAST® KIT

- › Contains a 4mm x 5m heavy galvanized wire rope and Grippler Dynamic D4
- › Can be used as a wire brace or tie-back in multiple strainer post assembly setups
- › Simple, one person assembly, no wire tying skills needed
- › Up to 75% faster to install than traditional methods
- › Re-tensioning capability makes this one of the most versatile products available for fence installation and maintenance
- › Max working load 9.5kN



## GRIPPLE GP90

- › Join and tension in one, in under one minute
- › Eliminates tying & knotting of T-joins and other complex joining methods
- › 600kg line load in case of wind lift or heavy crop weight
- › Create overhead structures for cloth/net support, crop/down wires, or fruit canopy



## GRIPPLE TENSIONING TOOLS

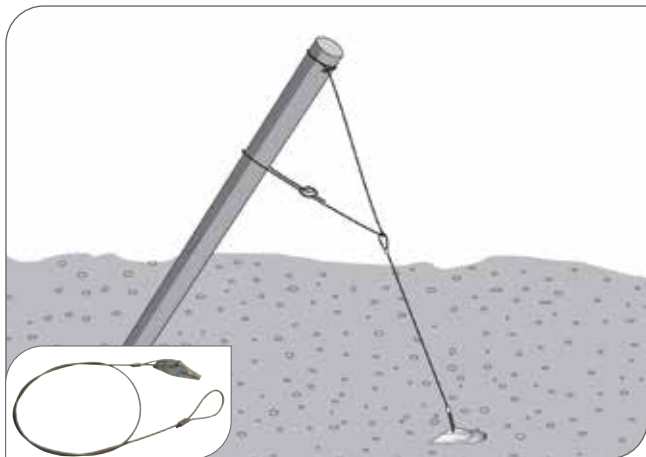
### CONTRACTOR TOOL

- › Metal tool for use with all Grippler sizes makes light work of tensioning your wire by delivering a 10:1 mechanical advantage

### STANDARD TOOL

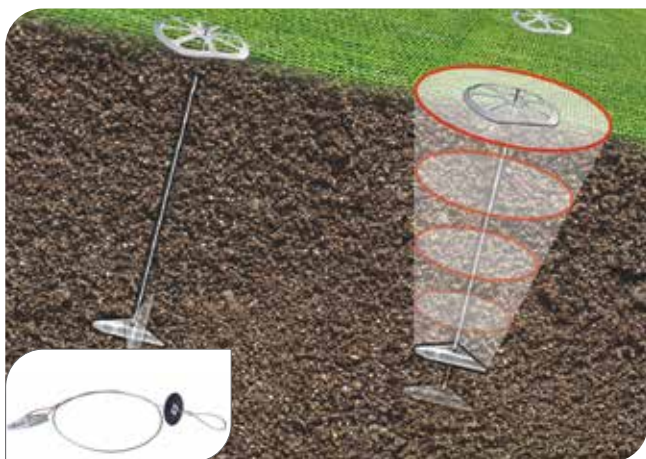
- › Available with the Grippler starter pack only – includes 50 Grippler Plus medium wire joiners. A cost saving of 25%





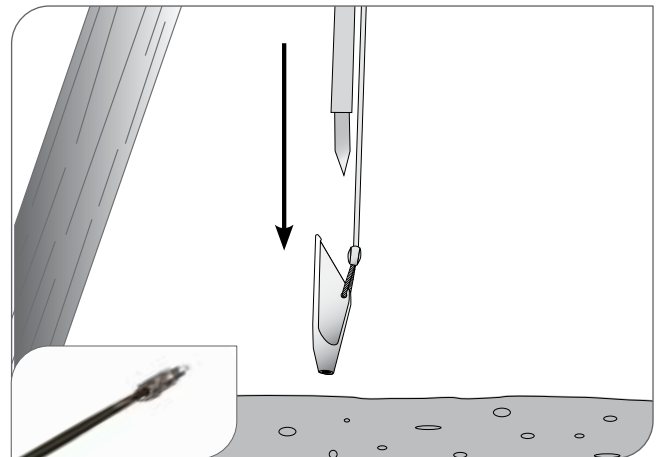
## GROUND ANCHOR

- › Ready to use ground anchor – simply drive in, engage and instantly load
- › Supplied with 4mm stainless steel wire rope (1.50m long) for maximum corrosion resistance
- › Suitable for a variety of soils
- › Combine with H-Post® or Anchor-Fast® kit to create complete anchoring solution
- › No. 3 is suitable for medium loads with an anchor 120mm long x 40mm wide
- › No. 4 is suitable for heavy loads with an anchor 180mm long x 70mm wide



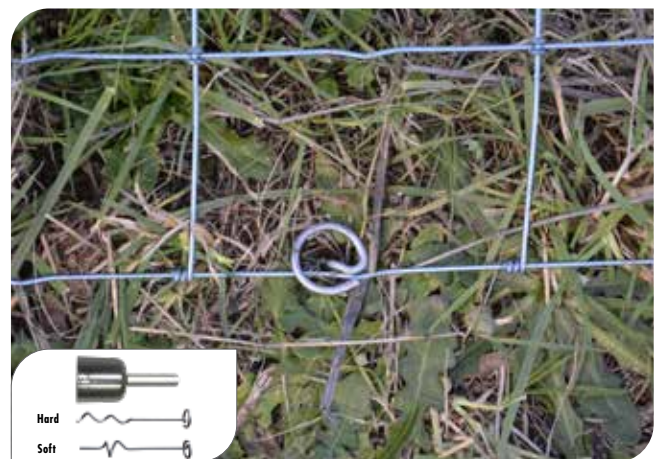
## TERRA-LOCK ANCHOR

- › Easily installed and instantly loaded anchor system
- › Terra-Lock anchors are designed to provide drive efficiency and maximum load capacity across a wide range of applications including erosion control and soil stabilisation
- › Supplied with a 1.5m long 4mm stainless steel wire rope for in-ground strength
- › Meets the requirements of the most demanding erosion control installations where increased performance characteristics are required over conventional pins, stakes and staples



## GROUND ANCHOR DRIVE TOOL

- › 1.75m installation tool for Terra-Lock™ anchor system and ground anchor
- › Purpose engineered for toughness and durability, making it capable of penetrating the toughest soil
- › Features specific head profiles to match anchors



## GRIPPLE® TERRA-PINS & DRIVE TOOL

- › Designed to hold all types of turf reinforcement matting, erosion blankets, geotextiles and landscaping fabrics
- › Quick and easy installation with the Gripple Terra-Pin™ drive tool
- › Available for both hard and soft ground



# HOW TO BUILD YOUR FENCE

Want more advice?  
Scan the QR code



## BUILD STEP-BY-STEP

Using quality Waratah products and the right accessories will help even first timers do a professional job. Learn more about the right steps to building a high-performing fence below.

### PLAN & CLEAR YOUR LINE



### ERECT STRAINER ASSEMBLIES



### RUN SIGHT WIRE AND LAY OUT YOUR POSTS



### DRIVE IN YOUR POSTS

### STRAIN THE WIRE

### ATTACH THE WIRE

## HOW TO MAINTAIN YOUR FENCE

Even the very best fences require some maintenance to ensure ongoing peak performance. Walk or drive along your fence lines regularly to check for fence line failure points. Most maintenance can be done on the spot using Waratah tools and accessories. This will extend the working life of your new fence line, saving you time and money in the long run.

### CLEAR ALONG FENCE LINES

Remove any debris or overgrown grass from around the fence. This helps prevent corrosion and heat damage in the event of a fire and minimises the risk of animals using debris to help breach the fence. Spray fence line to reduce foliage.

### REPAIR EROSION POINTS

After heavy rain, check that soil erosion under your fence does not compromise your boundary and let stock out or unwanted animals in.

### CHECK POSTS AND WIRE TENSION

Straighten or replace broken posts with the same or stronger posts like the JiO® MaxY®. Use a Tenser Sensor® to check wires do not relax over time, and a Wizard® wire strainer and Gripple® wire joiners to correct any issues.





**CONTACT  
US TODAY  
ON**

**0508 927 2824**



**SCAN FOR**



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**Available at:**

**waratahfencing.co.nz**