



## Cyclone® Security Chainwire Fencing

Cyclone® Security Chainwire Fencing is a highly versatile and durable fencing solution that provides excellent security for a wide range of applications. No matter what the individual demands of the site, our wide and innovative range of chainwire fencing will provide a finished security fence to suit your specific needs.

### Why choose Chainwire Fencing?

**Excellent security** - provides constant security against trespassers, pilferers and animals

**Long term durability** - stands up to rugged conditions and requires minimal maintenance

**Easily extended** - additional fencing can be matched with the original for future extensions.

**Readily relocated** - chainwire fences have a high recovery rate, and can be relocated as the extension of premises demands.

**Highly flexible** - can be easily fitted around building columns, roof trusses, air conditioning ducts and hot water services.

**Galvanised & LifeMax™ wire** - ensures long life and low maintenance.

**PVC coating** - chainwire is available in black or green to blend with the environment

### Chainwire roll sizes and wire types

Chainwire comes in standard roll lengths of 10m using a variety of wire types:

- 2.50mm standard galvanised wire
- 2.50mm and 3.15mm diameter heavy galvanised or LifeMax™ wire
- 2.50mm and 3.15mm galvanised core PVC coated wire (green or black)

LifeMax™ wire is manufactured by OneSteel Wire and has a zinc aluminium coating which lasts up to 3 times the life of Zinc Galvanised coating. It has good welding performance and is manufactured in Australia.

*Please note: Chainwire rolls and associated products made from 2.50mm Standard Galvanised (SG) W02Z wire do not meet the minimum standard for any parts of AS1725-2010*



### Highly versatile

Available in a range of sizes and finishes, chainwire fencing is an extremely versatile fencing option suited to a wide range of applications.



### Ideal applications

- Factory enclosures
- Building site enclosures
- Internal factory partitions
- School fencing
- Sports enclosures & nets
- Storage facilities
- Fuel and equipment enclosures
- General security fencing
- Temporary protective fencing

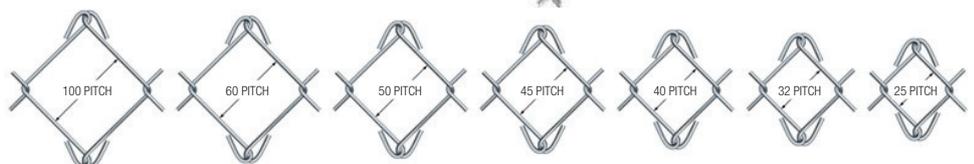
### Selvedge styles

Chainwire is supplied with a barbed or knuckled selvedge as in the diagram on the right. In general when a fence roll is under 1800mm high it is provided in a Knuckle/Knuckle Selvedge. Where a top and/or bottom rail is installed the mesh is laced to the rail/s so normally a knuckle selvedge is required, however barb selvedge can be used. In that situation, the mesh extends above (top rail) or below (bottom rail) and tied or laced to secure.



### Diamond sizes

Cyclone Security manufacture chainwire in a number of different diamond sizes ranging from a pitch of 25 to a pitch of 100. The diamond size varies according to the application.



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## Standard Roll Heights

Cyclone Security can manufacture rolls of chainwire in a variety of heights ranging from 600mm to 4200mm. In general, the standard widths are sold in 300mm increments. The actual height of a fence is normally dependent on the application. In a security application a chainwire fence is normally specified at 1800mm, 2100mm or 2400mm high. In a tennis court application a chainwire fence is normally specified at 3600mm high.

Our standard range is as follows:

Heights	2.5mm Std Galv	2.5mm LifeMax	3.15mm LifeMax	2.5mm PVC	3.15mm PVC
900mm	YES	YES	YES	YES	YES
1200mm	YES	YES	YES	YES	YES
1500mm	YES	YES	YES	YES	YES
1800mm	YES	YES	YES	YES	YES
2100mm	YES	YES	YES	YES	YES
2400mm	YES	YES	YES	YES	YES
2700mm	YES	YES	YES	YES	YES
3000mm	YES	YES	YES	YES	YES
3600mm	NO	NO	YES	YES	YES

Please note: Stock Holdings and range can differ according to the state and region, so contact your nearest branch to confirm price and availability

## Posts and Footings

Cyclone Security can provide a full range of galvanised pipe in stock lengths and cut to length fence posts and rails. The product is sold in galvanised form for Standard Galvanised and LifeMax™ fences and powdercoated form for PVC coated fences

Posts/pipe used for Chainwire fencing under the Australian standards are available in 3 grades: Medium; Medium/light; Medium/extra light

### Fences are specified in the Australian Standards as:

- Class 1 – Medium quality for improved durability and life for fencing for long term security purposes
- Class 2 – Medium/Light for industry for medium to long term security purposes
- Class 3 – Medium/Extra Light for short term security purposes.

### Intermediate Posts

Intermediate posts are fence posts positioned at regular, equally spaced intervals between corner, terminal and gate posts to provide support for the chainwire mesh.

### Corner Posts

Corner posts are fence posts at a corner or change of direction and provide support for the chainwire mesh to be strained off.

### End posts

End posts are fence posts used as a terminal post on a fence line and provide support for the chainwire mesh to be strained off.

### Strainer posts

Strainer posts are fence posts used as an intermediate strainer post on a fence line and provide support for the chainwire mesh to be strained off. They typically are specified over and above a normal specification and are often spaced at intervals of 150m on straight lengths.

### Gate posts

Gate posts usually are used in pairs to frame a gateway. Gate posts at the end of a fence run provide support for the chainwire mesh to be strained off.

## Bracing stays and rails

Bracing stays and bracing rails are fitted to all corner, end, intermediate strainer and gate posts unless specified otherwise or there is a top rail fitted.

## Back stays

Back stays are fitted when specified to intermediate posts at 90° to the fence line. They are generally spaced at a specified number of intermediate posts e.g. every 5th intermediate post.

## Fixtures and fittings

### Wire ties

Lacing & tie wire are commonly used in the following applications:  
*Lacing chainwire* to top & bottom pipe rails, and vertically to terminal posts. Tying chainwire mesh to intermediate posts. *Tying helicoil cable* to intermediate post. *Tying barb wire* to posts - barb extension. *Tying chainwire mesh* to horizontal cable wires as a substitute to netting clips ('ring fasteners')

### Netting Clips

Netting clips are an alternative to using tie wire to fix the chainwire mesh to the supporting cable wires.

### Cable Wire

Twin double twisted support cables (3.15mm diameter) are used as a double strand plain horizontal cable, which is twisted together at intervals between intermediate posts to form a tensioned spiral effect.

### Helicoil

Helicoil cable (4.00mm diameter) is a single strand horizontal cable which is strained taut between and secured to all terminal posts.

### Barbwire

Barbwire is used in applications where additional security is required.

### Fence Fittings

All rails & stays are connected to posts using galvanised bolted split clamp-on type fittings as shown on this page.

## Chainwire Gates

Gates can be fitted to gate posts or other solid structure e.g. brick wall so as to allow the gate to swing freely without hindrance. Unless specified otherwise, gates are supplied fitted with equipment to enable locking, keeping open etc – see below options. The gates are to have sufficient clearance to maintain security when closed and set at a height that allows the gate to swing without scraping kerbs and other obstacles.

### Gate Fittings - Hinges

Gates are connected to posts or other suitable solid structure using galvanised bolted split clamp-on or gudgeon type hinge fittings as shown on this page. Unless otherwise specified, all fitting sizes relate to nominal bore pipe dimensions (NB).

### Gate Fittings - Locks

Gates are retained in the closed position by either chain or shootbolt depending on type and retained in the open position by dropbolts as shown on this page. Unless otherwise specified, all fitting sizes relate to nominal bore pipe dimensions (NB).

## Australian Standards

The Australian Standard for chainlink security fencing is covered by AS1725-2010 - Parts 1-5.

For more specifications and information about Cyclone® Security Chainwire Fencing, please visit [www.gvsecurityfencing.com.au](http://www.gvsecurityfencing.com.au)



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