

## 01 INTRODUCTION

**ZIN CHAIN-LINK** is made from galvanized wire core or coated with PVC (polyvinyl chloride). The wires run vertically and bent into a zig-zag pattern so that each “zig” hook with the wire immediately on one side and each “zag” with the wire immediately on the other.

### ■ APPLICATION:

- ❑ Gardens
- ❑ Parks
- ❑ Industrial sites
- ❑ Sports field
- ❑ River banks
- ❑ Construction
- ❑ Residence
- ❑ Agricultural farm
- ❑ Animal fencing

### ■ ADVANTAGES:

- ❑ Low carbon steel diamond mesh has a heavy galvanized coating to ensure a long life.
- ❑ Perfect adhesion of woven diamond pattern to provide strong, durable and flexible for construction
- ❑ No peeling, no cracking with remarkable concentricity to offer an economic advantage.
- ❑ Perfect harmony with the environment without harmful materials and 100% recyclable.

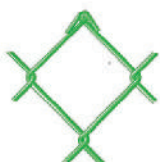


## 02 FABRIC STYLES

All of our chain link fence fabric is available in two knuckle wire styles.

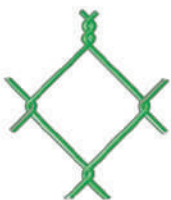
### ■ KNUCKLE-KNUCKLE

**Knuckle-Knuckle (KK)** has a knuckle on the top and barbed on the bottom of the mesh. **Knuckle-Knuckle** wire provides a smoother top for your chain link fencing, as no barbs stick out. This style is recommended for areas where fence will be installed around children.



### ■ KNUCKLE-BARBED

**Knuckle-Barb (KB)** has a barb at the top and a knuckle at the bottom of the mesh. With its twist, **Knuckle-Barbed** wire adds security to your fence. However, the edge can be rough and sharp. There are ways around this, such as covering the top with fence cap or sanding down each edge.





**Galvanised Core Wire** is produced by metallurgical processes of Hot Dip Galvanizing that uses Zinc to coat the steel wire. This is done to prevent galvanic corrosion. In addition to form a physical barrier against corrosion zinc, applied as a Hot Dip Galvanised Coating, technically protects exposed wire.

Coating standard is in accordance with **JIS G3547**.

**PVC Wire Coated** provides the extra barrier to form Zinc Oxide.

#### ■ GALVANIZED CORE WIRE

Standard Wire Gauge : 10 G  
Thickness : 2.8 mm  
Overall Length : 50 feet  
Packaging : Roll

Effective Height	Mesh Size (mm)	Approx. Weight in Kgs
4'	55	34
5'	55	42.5
5'	70	31.5
6'	55	49.5

Effective Height	Mesh Size (mm)	Approx. Weight in Kgs
6'	70	38.5
7'	55	57.5
7'	70	45
8'	70	50.5

Standard Wire Gauge : 12 G  
Thickness : 2.1 mm  
Overall Length : 50 feet  
Packaging : Roll

Effective Height	Mesh Size (mm)	Approx. Weight in Kgs
3'	70	11.5
4'	55	18
4'	70	15
5'	55	23

Effective Height	Mesh Size (mm)	Approx. Weight in Kgs
5'	70	18.5
6'	55	28
6'	70	21.5
8'	70	30

#### ■ PVC WIRE COATED

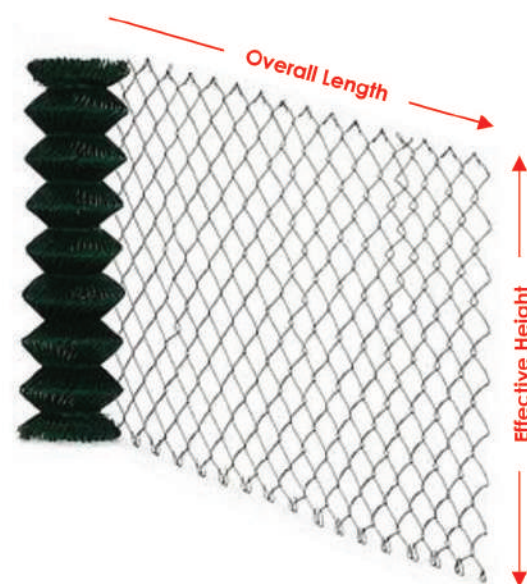
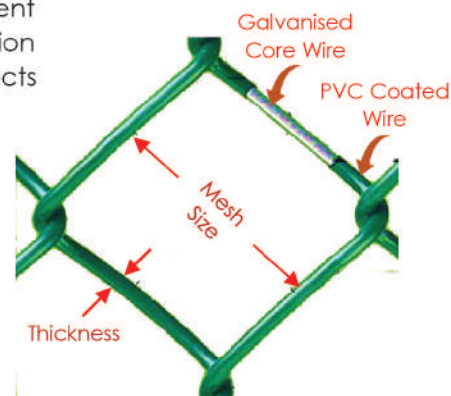
Standard Wire Gauge : 10 G  
Thickness : 2.8 mm  
Overall Length : 50 feet  
Packaging : Roll

Effective Height	Mesh Size (mm)	Approx. Weight in Kgs
3'	55	16
3'	70	12.5
4'	55	21.5
4'	70	16.5
5'	55	26.5
5'	70	21

Effective Height	Mesh Size (mm)	Approx. Weight in Kgs
6'	55	31.5
6'	70	24.5
7'	70	29
8'	55	43
8'	70	32.5

#### ■ BY REQUEST

Our chain-link fencing rolls are also available in **8 Gauge** and **9 Gauge** in Galvanized and PVC coated material. We also supply **Barbed wires** to compliment with our chain-link fencing system.



Barbed wires

#### IMPORTANT NOTE

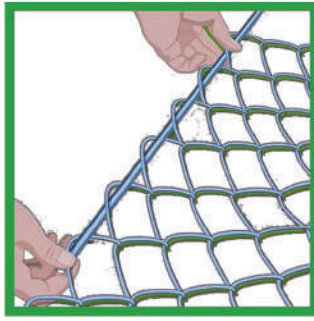
The "gauge" of the wire is simply the measure of the wire's diameter using the Standard Wire Gauge (SWG). The higher the gauge number, the thinner the wire.



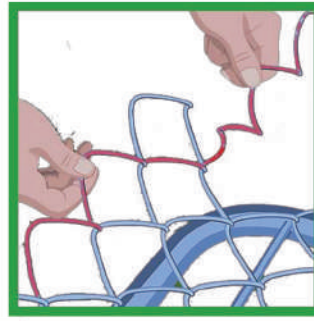
## ■ GETTING STARTED

**1 Assemble**

Slip tension bands onto the pieces of tubing that make up the frame. Assemble the frame by sliding the pieces of tubing together.

**2 Position**

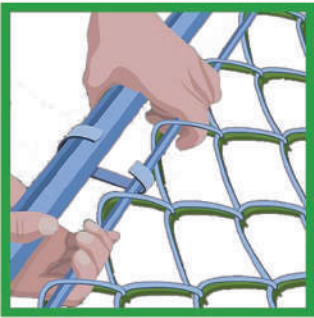
Insert a tension bar or wire into the mesh by sliding it through the end loops. Thread the bar through the entire width of the mesh.

**3 Remove**

Unhook the strand of mesh near the outside of the second tension bar and pull it out to remove the excess mesh.



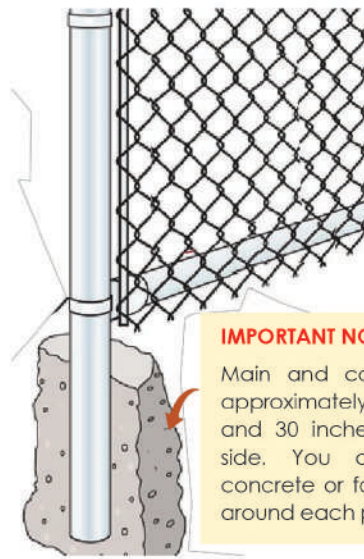
Safety glasses **MUST** be worn while twisting ties. The small ends of the tie wires will fly out of the side slots and may cause injury if they hit operator in the eye.

**4 Squeeze**

If the mesh isn't tight enough, unhook the tension bar and slip it into the next set of loops, then unravel the excess mesh and hook the bar back into the tension bands.

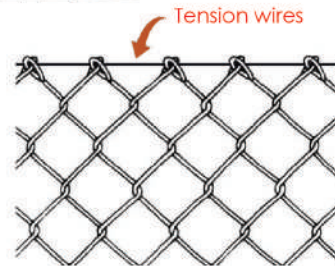
**5 Tie**

Fasten the mesh securely with fence ties spaced around 24" apart along the top rail and 12" apart on each line post.

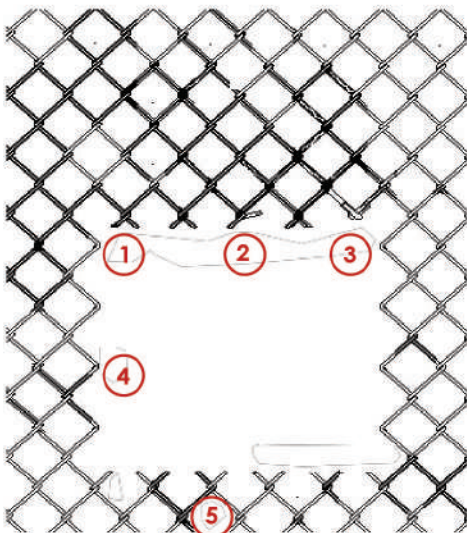
**IMPORTANT NOTE**

Main and corner posts are dug approximately 8 inches in diameter and 30 inches deep with sloping side. You can use regular-set concrete or fast-set concrete to fill around each post.

**Tension wire** holds the chain link very tightly so that it cannot bend. Generally is installed after the posts are set for a new chain-link fence and before the fence installation. The wire is positioned between the mesh and the posts.



## ■ MAKING A HOLE



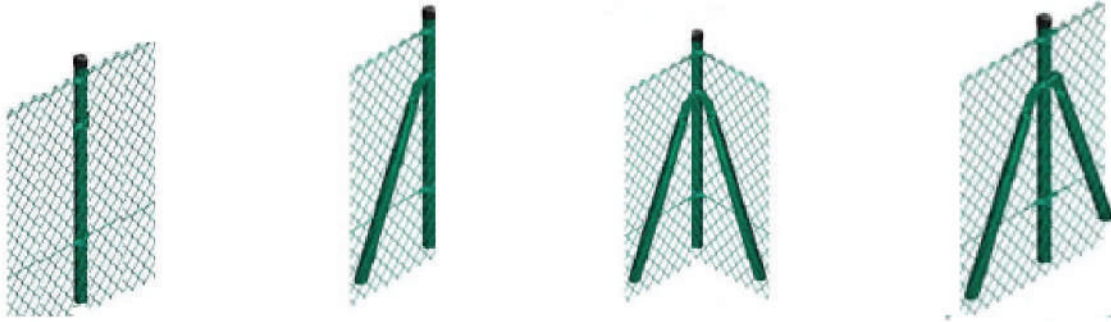
1. Cut across the horizontal half way between the bends.
2. Bend the cut end properly.
3. Repeat for each cut wire to form what is called a "knuckled end".
4. After removing the wire on the interior, nothing needs to be done with the vertical wires.
5. Leave 1 or more diamonds at the bottom or top to maintain the effective integrity of the stretched fabric.

**IMPORTANT NOTE**

Every fence footing should not exceed legally established property lines. If uncertain, refer to real estate agent's line plot or consult a professional surveyor. A local codes for specifications regarding frontage locations, allowable fence heights, etc. A permit may be required. Verify with local utility companies for locations of underground cables or pipelines.



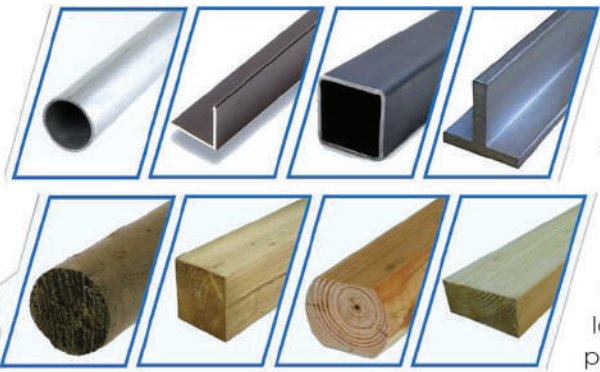
## LAYOUT



INTERMEDIATE POST	END POST	CORNER POST	STRAINING POST
An intermediate post has fence connected to two opposite sides forming a straight line (180 degrees). These posts have holes on two sides of the post, opposite each other.	An end post has holes on one side of the post only for rails to slide into. Only one section of fence is connected to that post. An end post can also be a gate post.	A corner post can be used for odd angles where the angle is closer is between 45 and 90 degrees. An angle of 45 degrees may require a corner or line post, depending on style and preference.	Straining posts (end posts, two-way straining posts, corner posts) are required at each end of the chain link fence, at each change of direction or when there is a large variation in ground level.

Any length of fencing shall start with a straining post and shall end with a straining post. The spacing between intermediate posts shall be no greater than 3 meters. On straight lengths of fence, straining posts shall be spaced at a distance no greater than 70 meters.

## MATERIALS



**Steel** fence post, are also denoted as T-post and a Y-post. They are available in various sizes and all along the length they have studs or rubs to prevent the chain link fence from sliding down. Steel fences are preferred when a permanent fencing is required.

**Wood** posts are commonly used and can be less expensive than other materials if cut from the farm. Wood posts are highly variable in size and shape. Wooden fences are normally preferred to give a rustic look to your surrounding and cannot be used when a permanent fence is required.

## 06 SAFE WORK PROCEDURE

Avoiding hazards associated with fencing on a working area, requires diligent use of personal protective equipment (PPE). Use the following PPE:

1. Gloves to protect against barbed wire, splinters, scratches etc.
2. No loose clothing, depending on weather-high-visibility clothing may also be appropriate.
3. Protective boots with good grip and ankle support
4. Eye protection is strongly advised because of the danger from flying debris, particularly when dismantling old fences.
5. A First Aid kit, including a large wound dressing should be made available in the working area.



We are committed to providing the clients with quality products. Contact us for more details on how can help you with your next economical fence project!



ISO 9001:2015



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