ANCHOR FENCE, INC.

The BETTER way to build your fence.

For Those Who Demand Quality, Greater Security, and Lower Maintenance Costs Let ANCHOR FENCE Be...

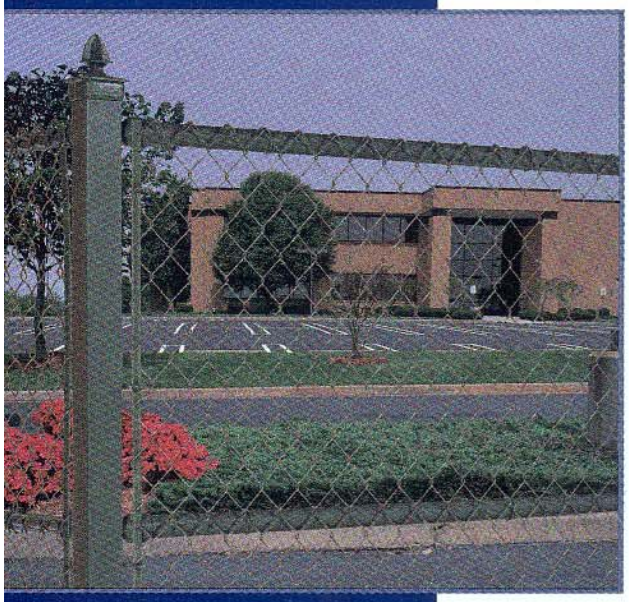
Your Partner in Integrated PERIMETER SECURITY Solutions

ANCHOR FENCE, INC.™

Will the fence you choose

It will if it is manufactured

Choosing the proper posts will ensure a secure framework.



Terminal Posts

The End, Corner and Gate Posts must be strong to withstand the strain of the fabric which is stretched between them. If they are not of the proper strength, they will bow or bend.

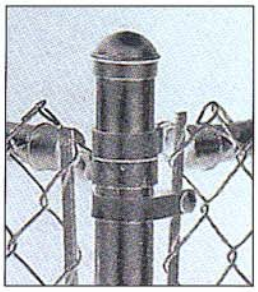
Comparison Chart
Based on Calculated load/or yielding of Post

Post Type	Bend Strength
2 1/2" Square Post	547 lbs.
3" O.D. Pipe Post (Sch 40)	444 lbs.
2 1/2" O.D. Pipe Post (Sch 40)	234 lbs.

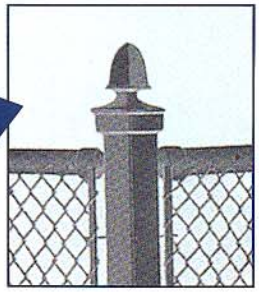
Compare, for example, Anchor's 2 1/2" square steel post with a bending strength of 547 pounds to a 3" round pipe post which is rated at only 444 pounds: ***The smaller square posts are considerably stronger than the larger round posts.***

Square posts are available in 2" sq., 2 1/2" sq., 3" sq., 4" sq., 6" sq., 8" sq., and 10" sq.

Because of our special method of attaching fabric to the posts, unsightly wraparound bands are eliminated. You increase your security because there are no bands to provide a foothold or nuts and bolts for vandals to remove. Notice the neat, clean-cut appearance of the square terminal post.



CHOOSE



- ***Stronger***
- ***More Attractive***
- ***High Security***

The Anchor Difference.

Anchor beauty is not skin deep. The quality goes all the way to the core. Every detail gives you maximum return on your investment.

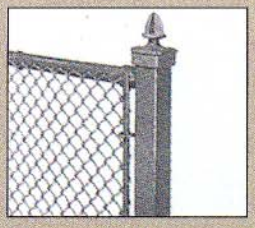


Fig.A

The clips that attach the fabric and posts do not afford a foothold to climb.

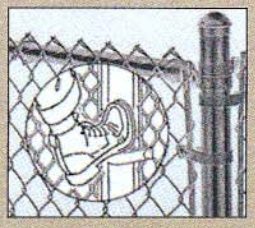


Fig.B

With round Corner, End or Gate Posts, you lose a degree of security. The round band can be removed by loosening its nut and bolt.

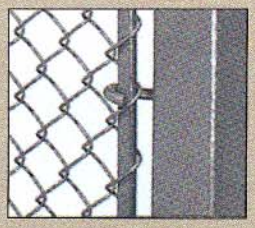


Fig.C

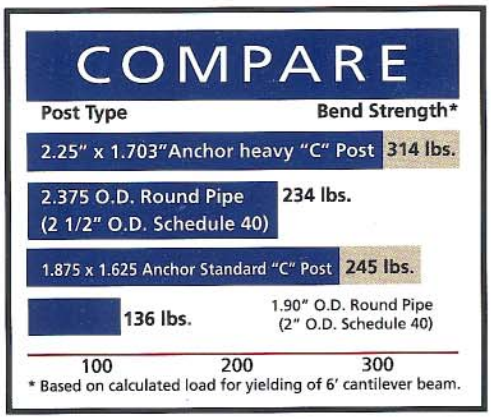
The bands are also less attractive than the clip that holds the fabric to Anchor's square post.

look as good as the building you designed?

by Anchor Fence!

Line or Intermediate Posts

The Line Posts are spaced evenly, but never more than 10'0" apart. These posts must also be strong as they support the weight of the fabric and top rail. At Anchor, we recommend a "C" style post because of its superior strength and appearance.

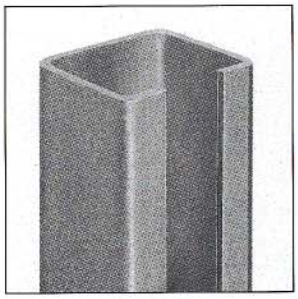


The Federal Spec agrees with our conclusion:

The Federal Specification RRF 191 K Gives the Following Recommendations

For Fences With Fabric Height Of:	You May Use Either Size "C" Post	or	Size Pipe Post
3' to 6'	1-7/8" C		2" OD
7' to 8'	1-7/8" C		2-1/2" OD
9' to 12'	2-1/4" C		3" OD

CHOOSE



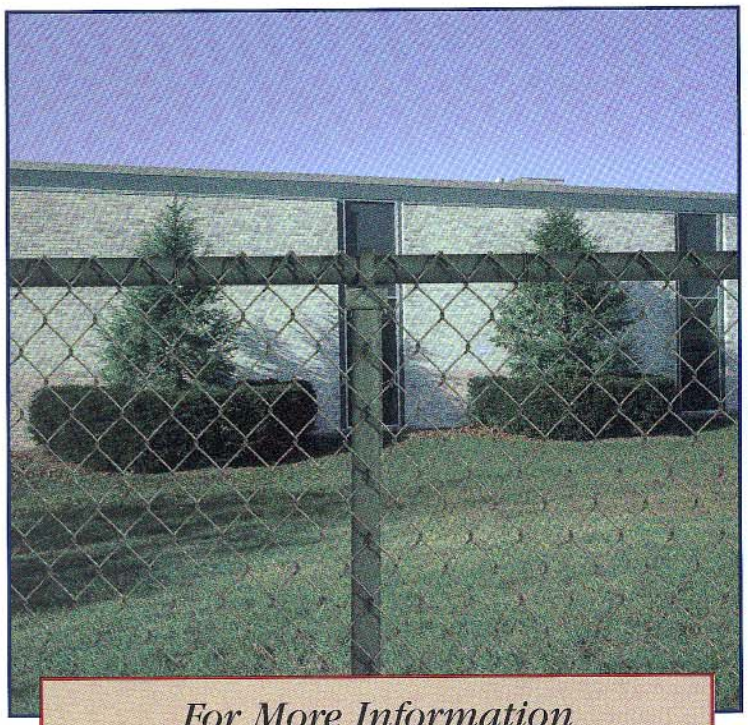
"C" Posts
• Stronger

Round Posts
• Weaker

The line or intermediate posts are the backbone of the fence. They should be as strong as economically possible. In either our galvanized or our vinyl coated framework, we recommend the "C" line post. Anchor developed this special design specifically for fence posts. Look at the strength chart. As you see, ***Anchor's rigid "C" post is far stronger than round pipe post. For example, Anchor's standard 1-7/8" "C" post has a bending strength of 245 pounds compared to 234 pounds for ordinary 2 1/2" round pipe posts.*** This is due to two factors. First, this shape is structurally more efficient than round pipe. Second, the steel which is used in these "C" posts is a high carbon steel which provides more strength than the milder steel used in other types of posts.

The Anchor "C" line post is not only strong, but it's ***aesthetically a very attractive design.***

The "C" line post is open on one side so ***moisture can't collect inside.*** This eliminates the possibility of corrosion or ice expansion problems.



For More Information
*Call **410-633-6500***
ask for Specification Department.

Anchor framework is available in either galvanized or vinyl coated over galvanized finish.

Like the foundation of your building, the foundation of your posts is important to the strength and life of your fence.

Drive Anchor Footings

The founder of Anchor Post Fence Co. invented the Anchor method of setting posts way back in 1892. Today, much of the fencing along interstate highways, at military bases, and industrial sites is installed using this method called "Shoes & Anchors."

The material in Shoes & Anchors costs about the same as concrete.

There can be a substantial savings, however, if the concrete cannot be dumped directly from the truck into the post holes.

It takes about 100 wheelbarrows of concrete to set the posts on 1,000 feet of fence.

It takes only 5 or 6 wheelbarrows full of Shoes & Anchors to do that same 1,000 feet. That's quite a labor savings.

Also, there are 100 wheelbarrows of dirt to dispose of if you use concrete compared to no excess dirt with Shoes & Anchors.

Post settings are vital to the strength and appearance of your fence. The posts of your Anchor fence can be installed in either concrete or drive anchors. As you a look at the following tests, you'll see why we recommend drive anchors. It's practically impossible to dig any two posts holes in the same shape. This means the depth and width and the strength of the concrete footing will vary from post to post. So, if concrete is to be used, it should extend below the end of the post, as shown in this picture and be wider at the bottom than it is at the top. If this is not done, severe freezes will probably begin to push the post and the concrete out of alignment.

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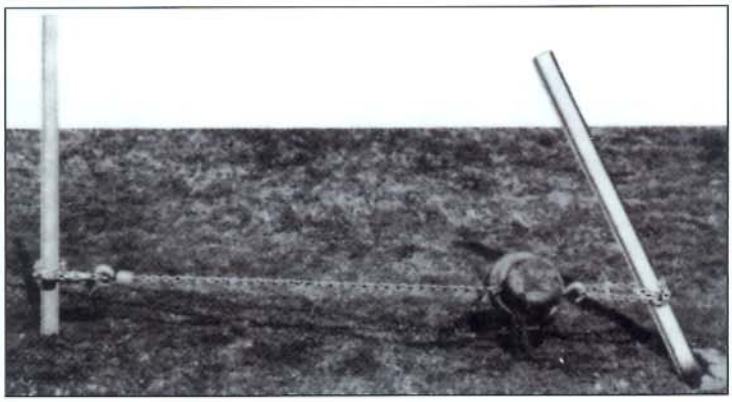
A. We drive the post approximately 36" into the ground.

B. 6" below the surface, we attach a clamp. (We call this clamp a shoe.)

C. 2 Anchor blades 30" long are driven thru this shoe.

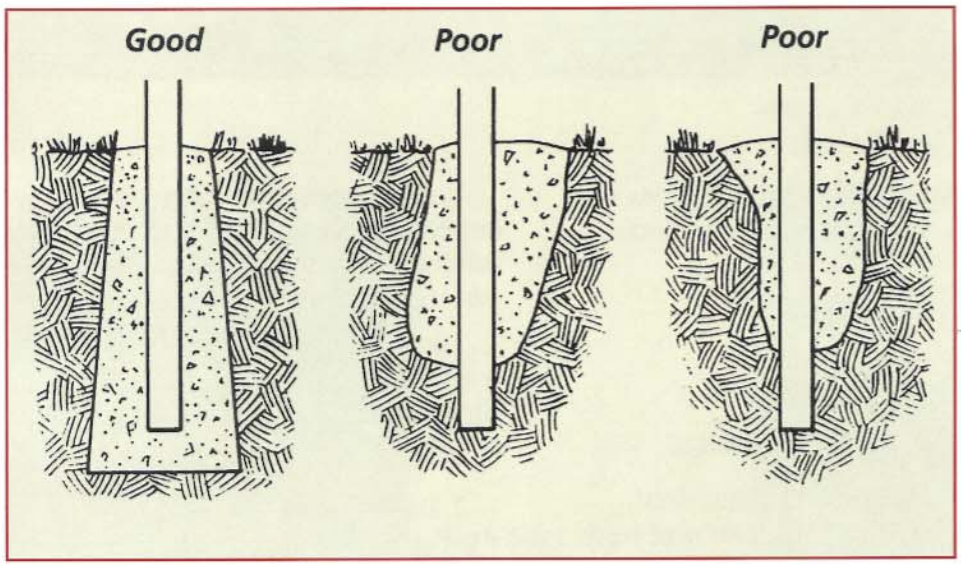
This Test Proves Drive Anchors Are Superior

Footing Held



Footing Broken

Post Set With Drive Anchor. ◆ **Post Set With Concrete.**



If you choose concrete, you must have a wider footing at the bottom than the top. If this is not done, frost will heave the post upwards, resulting in loose, out of line posts. But even then the footing won't be as strong as drive anchors.

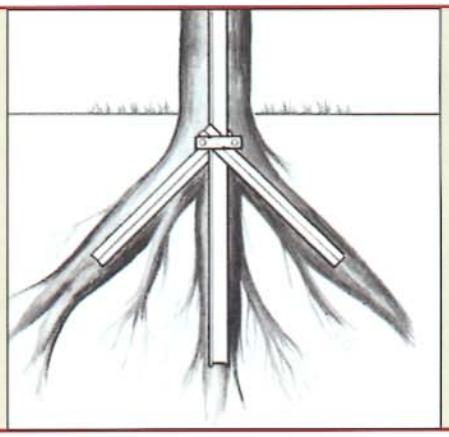
Drive anchors have been used for:

- Numerous industrial fences
- Military fences
- Recreational fences
  - Baseball fields
  - Parks
  - Pools
- Interstate highway fences

And many more commercial & industrial fences

D. The Anchor system is like the roots of a tree. The 39" wide base will not be affected by the frost as would a smaller base of concrete.

Setting posts with Anchors is as easy as A, B, C, D



For More Information Call ***410-633-6500*** *ask for Specification Department.*

When it comes to chain link fabric, you have a wide choice of styles and finishes.

Chain Link Fabric

There are 4 different categories of fabric coatings that you may choose from:

Galvanized

Galfan

Aluminized or

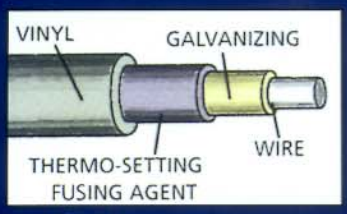
Vinyl coated over galvanized

The galvanized and aluminized coatings are metallic and subject to oxidation, and finally the steel will rust. This is accelerated as a result of acid rain and other pollutants that come in contact with the fence coatings.

Unlike the vinyl coating which is impervious to acid rain, these metallic coatings will require painting to maintain their strength and appearance.

The third choice of coating is vinyl coated over galvanized. There are actually three types of vinyl coated fabric:

1. Extruded vinyl coated
2. Extruded and adhered to (glued) vinyl coated
3. Thermally fused vinyl coated.



Do Not Accept so called Bonded or Thermally Bonded Wire as an equal to Thermally Fused wire. Bonded or Thermally Bonded only mean that the vinyl is hot glued on to the wire.

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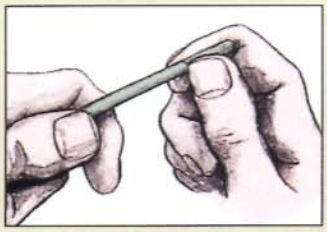
To test the coating on your fabric, cut or scrape all of the vinyl from one side of a piece of the wire.



Using your fingernail, try to peel the remaining vinyl from the wire.

Permafused will not peel off. Extruded or extruded & glued (sometimes called bonded) will peel off.

At Anchor we recommend Permafused Vinyl Coated Fabric for every use.

Both "ASTM" and the "Federal" specifications require that the steel core wire be equal to the gauge that is specified (not the combination of the steel core and the vinyl coating). Beware, however, there are also fabrics with less steel and less strength that do not meet any recognized specification. The actual core sizes are:

9 ga. = .148" core wire; 6 ga. = .192" core wire.

True spec wire also requires equal amounts of galvanize (zinc coating) under the vinyl coating. This leaves the vinyl coating itself to be the ingredient that you must choose. Here are the differences.

1. The first type is an extruded coating which means that a loose sleeve of vinyl is pulled over the wire, like electrical wire. This coating is easily removed by vandals.

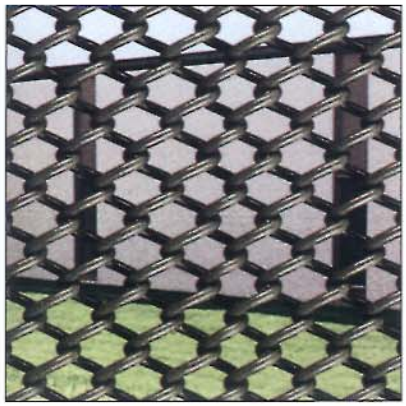
2. The second type is extruded and adhered to (glued) which has a thin coat of glue to help stop the vinyl from slipping. This type is sometimes called "bonded." Don't be fooled by the term. The vinyl can still be easily removed.

3. The third type is thermally fused which means that the vinyl is securely fused to the galvanized steel core wire. The adhesion must be greater than the cohesive strength of the vinyl coating to assure that this vinyl coat cannot be removed. This type is "Permafused."

Whether you call for "Permafused" by name or use the generic term of ASTM F668-2b (thermally fused), this type will be your best investment.

If you want thermally fused wire, be sure to include this statement on your specs:

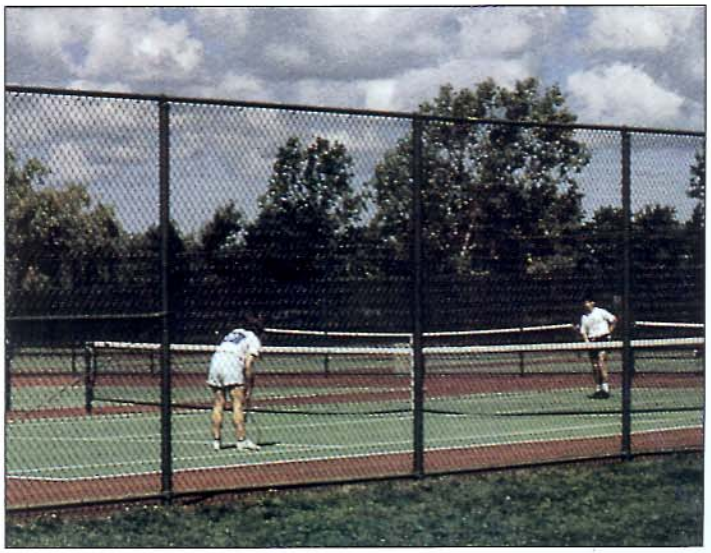
"Bonded or extruded and glued fabric may not be used on this project."



High Security 3/8" or 5/8" mesh

Medium Security 1" or 1 1/4" mesh

Standard Security 2" mesh



Tennis Courts 1 3/4" mesh

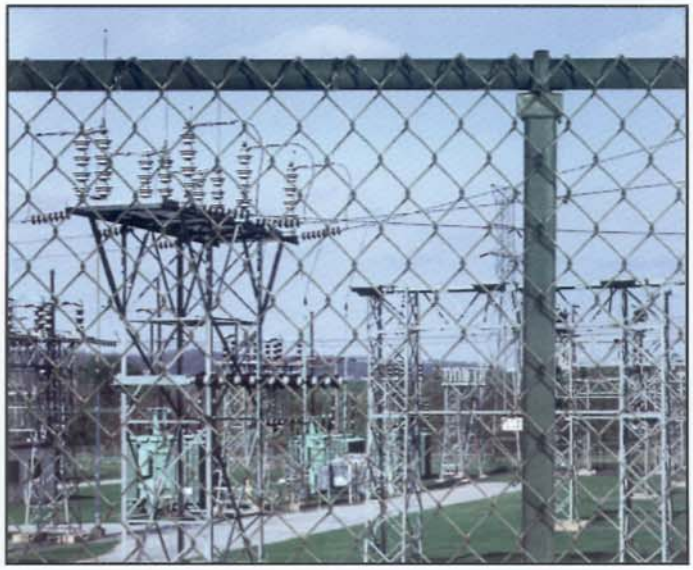
You must also choose a coating for your framework.

Whether you choose the square end, corner, or gate post, and the "C" line posts; or the pipe framework, all are available with galvanized coating or thermally fused vinyl coated over galvanize.

Like the fabric, the metallic galvanized coating will have limited life because of oxidation and rust. On the other hand, the vinyl coated framework will give many additional years of maintenance free life and service.

A quality coated fence system will not only add many years of life to your fence, but will also enhance the appearance of your factories, schools, parks, or other properties. This will give the message that your facility is a major contributor to a successful community.

We at Anchor take more steps to assure that your vinyl coating will be the very best value your money can buy. ***While some coaters merely apply vinyl to uncleaned or semi-cleaned framework pipe, Anchor takes all of the steps listed below so that all parts of the thermally fused PVC framework comply to the adhesion specifications listed in ASTM F1234.***



Standard colors are Woodland Green, Black, Earth Brown, Ensor Green, and Highway Gray

Anchor's 11 Step Cleaning Process

- ACID
- RINSE
- ALKALINE
- RINSE
- ZINC PHOSPHATE
- RINSE
- PRIMER PRETREATMENT
- RINSE
- OVEN 500°
- PVC/ FLUIDIZED BED
- WATER COOL

No one else does this much!

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