

FENCE PRODUCT GUIDE



Driven
BY DESIGN





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Whether you need standalone fence posts or a complete fence system, you're in good hands with Gregory Fence. We manufacture our fence products from domestic steel in Canton, Ohio, and meet all Buy America requirements. Partner with Gregory Fence, the leading supplier of commercial, residential and industrial fence products.

Find out what sets us apart.

PROVEN MANUFACTURING EXCELLENCE

Our manufacturing team has years of proven metal forming experience as well as dedicated skills in design and engineering.

RELIABLE CUSTOMER SERVICE

To ensure your full satisfaction, we offer proven products, knowledgeable sales professionals and delivery assurance on every order.

ADVANCED GALVANIZING TECHNOLOGY

Compared to traditional batch dip methods, our specialized continuous galvanizing process provides zinc-coated steel sheets with intrinsic quality and consistent thickness.

CERTIFIED FOR EXCELLENCE



C-POST > The shape of things to come



GREATER STRENGTH

C-Posts are made from 50,000-lb. minimum yield steel per ASTM-A1011 and have beam load strengths greater than Schedule 40 pipe. Available in any length, the C-Post's more effective shape leads to a greater bending strength perpendicular to the fence line.

CORROSION PROTECTION

The C-Post and C-Top Rail are coated on a continuous coating line with 4 oz. of zinc per sq. ft. per ASTM-F1043. This provides you with the heaviest amount of zinc coating available on any framework on the market. This also creates a protective, uniform zinc coating both inside and out.

OPEN CHANNEL DESIGN

The open channel of the C-Post and C-Top Rail allows air to circulate. This eliminates condensation buildup inside the post – a problem that can lead to premature red rust and possible failure in tubular products. This greatly reduces maintenance on the C-Post resulting in significant savings over the life of the fence.

EASILY DRIVEN

Gregory Fence's C-Posts can be driven mechanically instead of a concrete set post. The unique design means C-Post drives quicker, easier and self-anchors more effectively than tubular posts. State D.O.T. standards are incorporating driven C-Post as an alternative to concrete set post because tests show a three-foot driven C-Post holds as well or better.

WIDELY SPECIFIED

FAA – F162 Airports

RRF 191/3D – Federal Specifications

AASHTO – M181 44 State D.O.T. Standards

ASTM – F1043

CLFMI – Chain Link Fence Manufacturers Institute

UFGS – 02821 A United Facilities Guide Specification

C-POST STYLES



C-TOP RAIL
 1.25" (31.8 mm) W
 1.625" (41.3 mm) H
 1.35 lbs. (2.0 kg/m)



THINWALL C
 1.625" (41.3 mm) W
 1.875" (47.6 mm) H
 1.85 lbs. (2.75 kg/m)



STANDARD C
 1.625" (41.3 mm) W
 1.875" (47.6 mm) H
 2.4 lbs. (3.57 kg/m)



HEAVY C
 1.7" (43.2 mm) W
 2.25" (57.1 mm) H
 2.78 lbs. (4.14 kg/m)



SUPER C
 .130 Wall Thickness
 3.25" (82.55 mm) W
 2.5" (63.5 mm) H
 4.50 lbs. (6.7 kg/m)



SUPER C
 .150 Wall Thickness
 3.25" (82.55 mm) W
 2.5" (63.5 mm) H
 5.40 lbs. (8.03 kg/m)

C-POST PHYSICAL PROPERTIES

The chart below is based on the minimum yield strength of each section where the beam loads are theoretical. The actual performance of a given post, either pipe or roll-formed, is slightly greater than listed. The chart, however, provides a uniform evaluation of each section.

LINE POSTS	OUTSIDE DIM. WxH	MATERIAL THICKNESS	LBS. PER. FT.	SECTION MODULES*	MIN. YIELD STRENGTH	BEAM LOAD**
Super C (.150) 4" O.D. Sch. 40	3.25" x 2.5" --	.150 .226	5.40 9.11	1.260 2.394	60,000 30,000	1050* 998
Super C (.130) 3" O.D. Sch. 40	3.25" x 2.5" --	.130 .203	4.50 5.79	1.083 1.064	60,000 30,000	902* 443
Heavy C 2.5" O.D. Sch. 40	2.25" x 1.70" 2.375"	.121 .154	2.78 3.65	.506 .5606	50,000 30,000	351* 234
Standard C 2.5" O.D. Sch. 40	1.875" x 1.625" 2.375"	.121 .154	2.40 3.65	.395 .5606	50,000 30,000	274* 234
Thinwall C 2" O.D. Sch. 40	1.875" x 1.625" 1.90"	.105 .145	1.85 2.72	.360 .3262	50,000 30,000	250* 136
C-Top Rail 1.625" O.D. Sch. 40	1.625" x 1.25" 1.66"	.080 .140	1.35 2.27	.158 .235	50,000 30,000	263* 98

* Critical axis perpendicular to fence line

** Theoretical beam loads were computed as follows: Yield strength X section modulus divided by the height in inches (cantilever beam load 72")

*** Yield strength X section modulus X 4 divided* by length in inches (simple beam load 120")

For AUTO CAD drawings or architectural and engineering specifications, visit our website.

PVC COATING

When PVC coatings are specified, C-Post offers a distinct advantage over the competition's tubular posts. The framework receives PVC coating on all surfaces, inside and out, while a tubular product is only coated on the outside, leaving the inside susceptible to condensation buildup and premature red rust. The standard colors of black, brown and green are applied by the thermal fusion process per ASTM-F1043.

C-TOP RAIL BRACING

C-Top Rail Bracing is roll-formed in 1.625-by-1.25-in. sections, weighing 1.35 lbs. per ft. C-Top Rails are made from 50,000-lb. minimum yield strength steel and have a minimum bending strength of 263 lbs. on a 10 ft. span. They are continuously coated with 4 oz. of zinc per square ft., per ASTM-F1043. With these attributes, C-Top Rail Bracing has superior strength and corrosion protection in comparison to 1.625-in. Schedule 90 pipe.

MADE IN THE U.S.

C-Post and C-Top Rail are made in Canton, Ohio, from steel that is melted and manufactured in the U.S. All Gregory Fence products meet "Buy America" requirements.

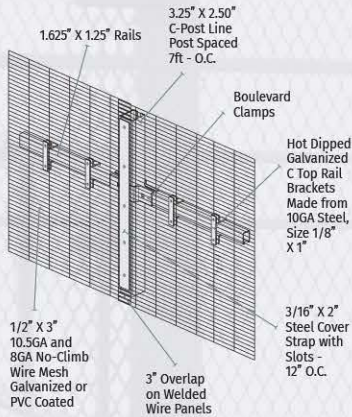


SUPER C-POST

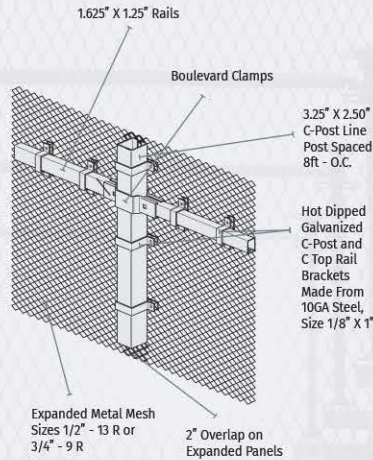
High-security framework

SUPER C-POST SYSTEM FEATURES

SUPER C WELDED WIRE FENCE SYSTEM WITH COVER STRAPS



SUPER C EXPANDED METAL FENCE SYSTEM WITH PANEL CLAMPS



WELDED WIRE

- ▶ Ideal for perimeter protection
- ▶ Anti-cut and anti-climb design
- ▶ Galvanized after welding so the panels will not unravel or lose structural integrity, even if cut
- ▶ Can be buried and/or electrified
- ▶ Available in two sizes: 8 gauge and 10.5 gauge
- ▶ Heights can extend up to 12 ft.
- ▶ Available in galvanized or PVC coated finishes

EXPANDED METAL

- ▶ Ideal for maximum security areas
- ▶ Anti-cut and anti-climb design
- ▶ Not welded or woven
- ▶ Expanded metal is made from a sheet of solid steel that is cut and stretched into a diamond pattern
- ▶ Can be buried at any depth to prevent tunneling
- ▶ Two mesh sizes available: 3/4-in. 9R and 1/2-in. 13R
- ▶ Heights can extend up to 12 ft.

GREATER STRENGTH

The unique design of the Super C-Post provides great strength perpendicular to the fence line. The .130 wall thickness using 60,000-lb. minimum yield steel provides double the bending strength of 3-in. O.D. Schedule 40 pipe, while the .150 wall thickness Super C-Post using 60,000-lb. minimum yield steel provides greater bending strength than 4-in. O.D. Schedule 40 pipe.

SUPER CORROSION PROTECTION

Super C-Posts are coated with 4 oz. of zinc per sq. ft. per ASTM-F1043. This is the heaviest coating available on the fence market. Plus, the small open channel on the back of the post alleviates condensation buildup which leads to premature red rust, which is an inherent characteristic of tubular products.

	WALL THICKNESS	WEIGHT PER. FT.	SECTION MODULES	YIELD STRENGTH	BENDING STRENGTH	6 FT. CANTI. LOAD
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OPTION 1						
3.25" x 2.5" Super C	.130	4.5 lbs.	1.083	60,000	64,980	902 lbs.
2.875" O.D. Sch. 40	.203	5.79 lbs.	1.064	30,000	31,921	443 lbs.
OPTION 2						
3.25" x 2.5" Super C	.150	5.4 lbs.	1.260	60,000	75,600	1,050 lbs.
4" O.D. Sch. 40	.226	9.11 lbs.	2.394	30,000	71,820	998 lbs.



WELDED WIRE FENCE SYSTEM



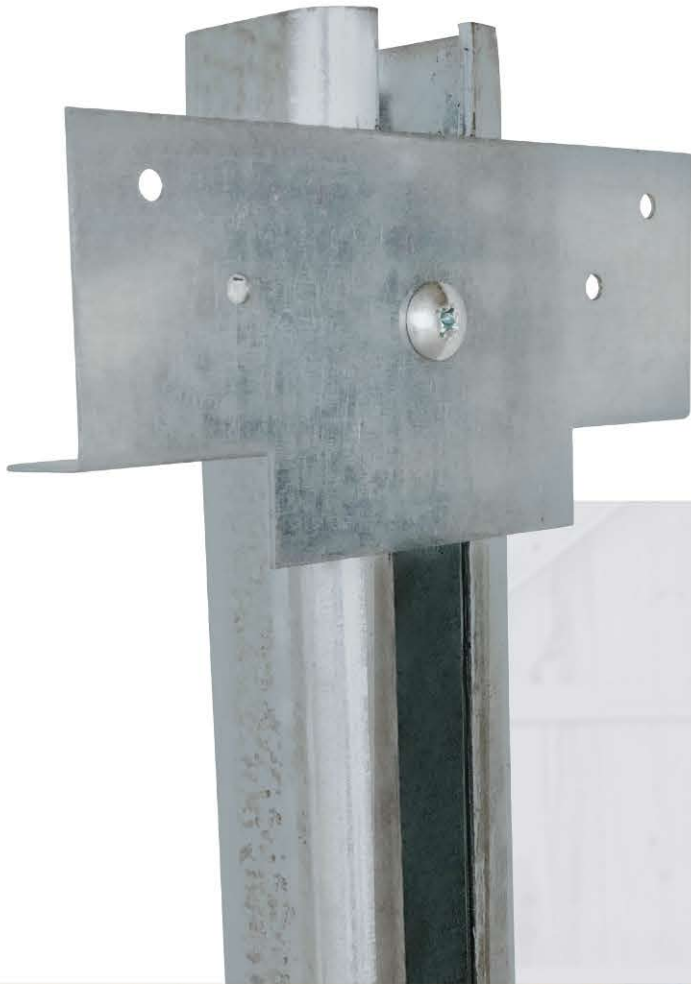
EXPANDED METAL FENCE SYSTEM



CHAIN LINK FENCE SYSTEM

C-POSTS^{and} BRACKETS

for Wood Fences



STRENGTH AND STYLE

Combining C-Post with our uniquely designed metal brackets, you get the beauty of wood with the strength and durability of steel. Each bracket is made from 18-gauge pressed steel and adjusts vertically or horizontally to most any terrain. The C-Post and metal bracket system eliminates warped, split or rotting wood caused by wind or water damage.



INSTALLATION IS AS EASY AS 1, 2, 3 ...



Step 1

SET POST AND SLIDE ON BRACKET

Install on any profile of C-Post (including Super C)

Slide the bracket along the channel, and tighten the bolt to lock it in place

No welding or special tools are required

Unique design allows the bracket to adjust to the slope of the terrain



Step 2

INSTALL WOOD RAILS

Place the two-by-four wood rail on the bracket and affix it with screws or nails

Two-by-four wood rails butt up to the C-Post with no cutting required

Rails are same thickness as C-Posts, allowing for easier installation



Step 3

ATTACH FENCE BOARDS

Affix boards to the inside and/or outside of the fence line

This allows an all-wood appearance on both sides of the fence while providing the strength and durability of steel

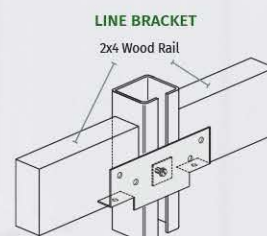
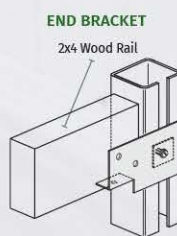
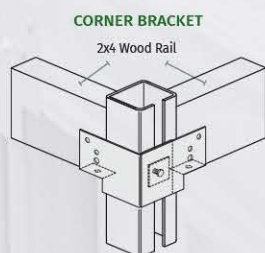
WIND LOAD COMPARISON CHART


C-Posts provide greater protection against wind loads



MARKETS SERVED

- ▶ AIRPORTS/MILITARY
- ▶ ARCHITECTURAL DESIGN
- ▶ HIGHWAYS/RAILROADS
- ▶ PRISONS/MENTAL HEALTH FACILITIES
- ▶ RESIDENTIAL WOOD
- ▶ SCHOOLS/PARKS
- ▶ SUBSTATIONS/SOLAR/NUCLEAR
- ▶ WASTE WATER TREATMENT
- ▶ ZOOS/STORAGE FACILITIES



 FIVE GENERATIONS

Continuing the Gregory legacy

GREGORY FENCE IS A DIVISION OF GREGORY INDUSTRIES

Gregory Industries has a proud legacy of galvanizing and metal forming expertise. For more than 100 years and five generations, the Gregorys have dependably served customers across the nation, treating them like family.

The growth of Gregory Industries is a result of its dependable service, reliable inventory and history of coming through. With a commitment to quality and constant drive to improve, Gregory Industries exceeds expectations at every turn – because excellence is a continuous process.

Gregory Fence is proud to carry on the legacy.



1

Commitment
to manufacturing
excellence

2

Complete
fence systems

3

Corrosion
resistance
over time

4

Innovative
C-Post design

5

Manufactured
in USA

6

Driveable
posts, no
concrete footings

7

Meets
all Buy America and
ASTM requirements

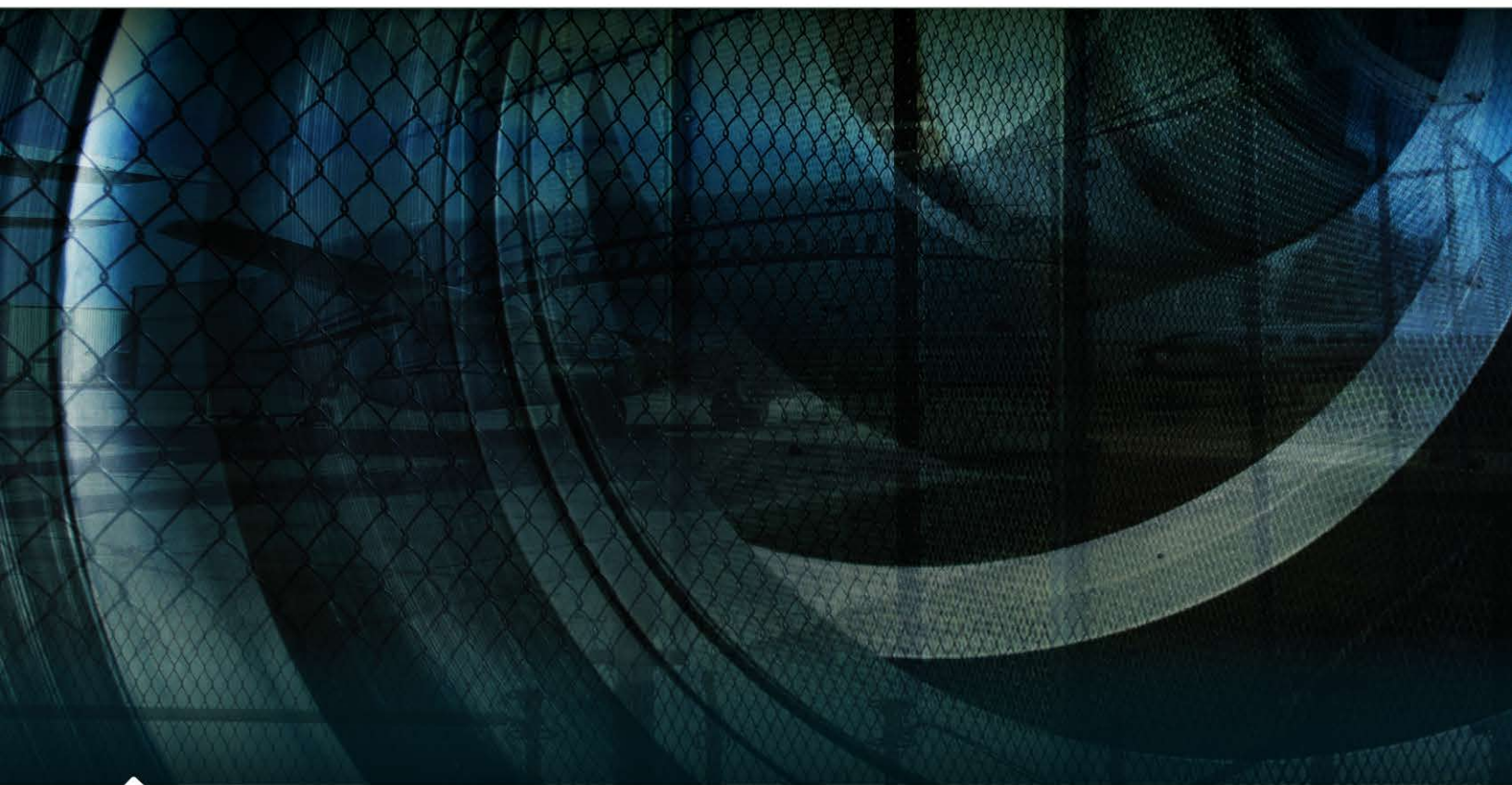
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Proven
galvanizing
expertise

9

Reliable
customer service





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