



C-POST FENCING FRAMEWORK





C-POST...THE SHAPE OF THINGS TO COME



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

GREATER STRENGTH

C-Posts are made from 50,000 pound 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'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.



PHYSICAL PROPERTIES COMPARISON CHART

LINE POSTS	Outside Dimensions 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

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)



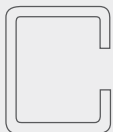
THINWALL C

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



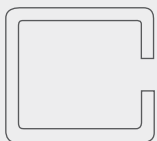
STANDARD C

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



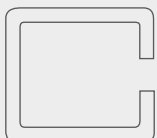
HEAVY C

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)
see pg 5 for more



SUPER C

.150 Wall Thickness
3.25" (82.55 mm) W
2.5" (63.5 mm) H
5.40 lbs. (8.03 kg/m)
see pg 5 for more

* 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")

The chart above 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.

PVC COATING

When PVC coatings are specified, Gregory's C-Post offers a distinct advantage over the competitors' tubular post. 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 sections, 1.625 in. x 1.25 in., weighing 1.35 lbs. per ft. C-Top Rails are made from 50,000-pound 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.A.



Gregory's C-Post and C-Top Rail are made in Canton, Ohio, from steel melted and manufactured in the U.S.A. They meet "Buy America" requirements.

HIGH-SECURITY FRAMEWORK WITH THE **SUPER C-POST**

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-pound 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-pound 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.



WELDED WIRE FENCE SYSTEM



EXPANDED METAL FENCE SYSTEM



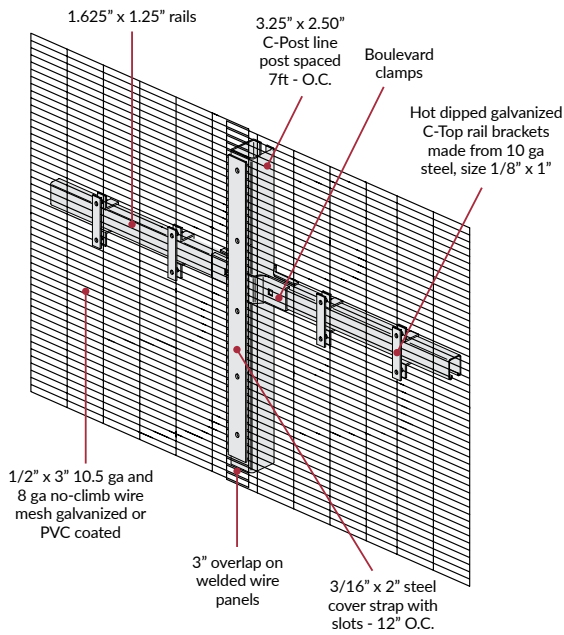
CHAIN LINK FENCE SYSTEM



SUPER C FRAMEWORK WITH EXPANDED METAL PANELS

WELDED WIRE FEATURES:

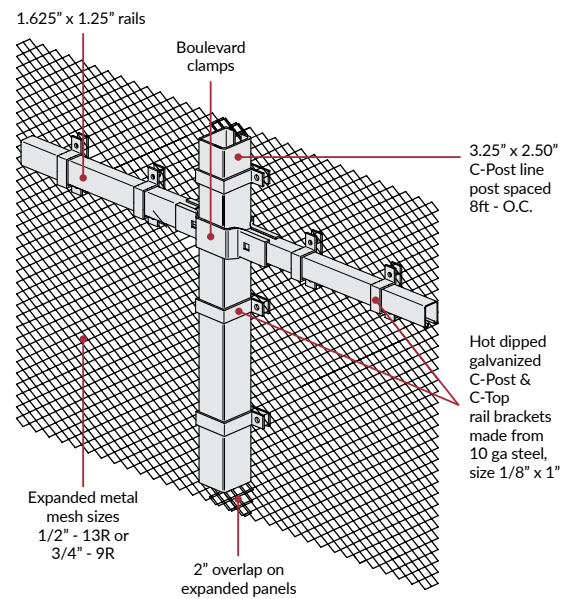
- Ideal for perimeter protection.
- Anti-cut and anti-climb.
- Galvanized after welding, the panels will not unravel or lose structural integrity, even if cut.
- Can be buried and/or electrified.
- Available in two gauge sizes: 8 ga and 10.5 ga. Heights up to 12 ft.
- Available in galvanized or PVC coated.



**SUPER C WELDED WIRE FENCE SYSTEM
WITH COVER STRAPS**

EXPANDED METAL FEATURES:

- Ideal for maximum security areas.
- Anti-cut and anti-climb.
- 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 up to 12 ft.



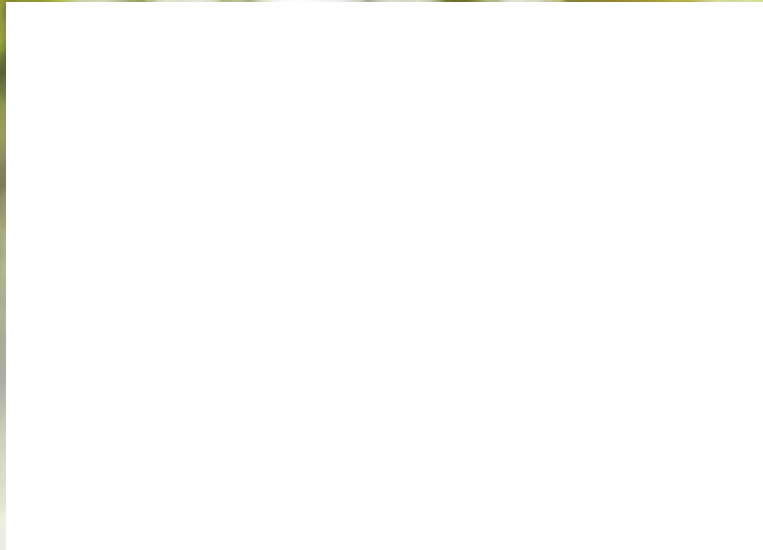
**SUPER C EXPANDED METAL FENCE SYSTEM
WITH PANEL CLAMPS**

SUPER C SPECIFICATIONS/PHYSICAL PROPERTIES

	Wall Thickness	Weight Per Ft.	Section Modules	Yield Strength	Bending Strength	6 ft. Canti. Load
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.



SPECIFIED FOR USE BY ASTM-F1043



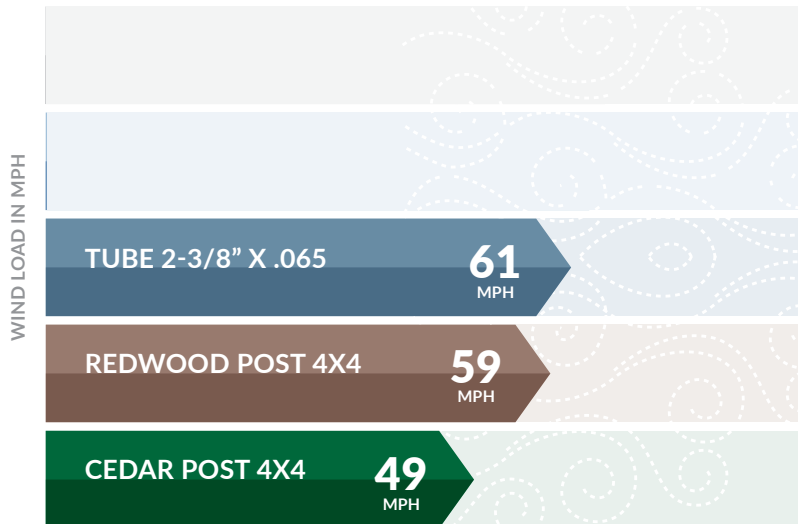
RESIDENTIAL

C-POSTS AND BRACKETS FOR WOOD FENCES

Combining Gregory's C-Post and 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 post caused by wind or water damage.

WIND LOAD COMPARISON CHART

C-Posts provide greater protection against wind loads.



NO MORE WARPED OR ROTTING 4X4'S

IT'S 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 channel, tighten bolt to lock in place.

FACTS

- No welding or special tools.
- Unique design allows the bracket to adjust to slope of terrain.



STEP 2:

INSTALL WOOD RAILS

- Place 2x4 wood rail on bracket and affix with screws or nails.

FACTS

- 2x4 wood rails butt up to C-Post with no cutting.
- Rails are same thickness as C-Post creating a much easier install no matter the style.



STEP 3:

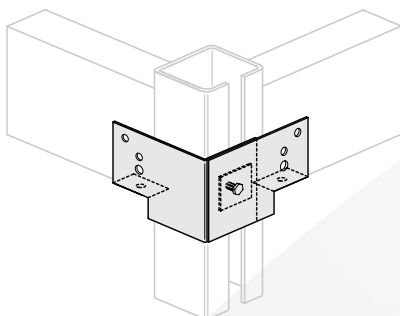
ATTACH FENCE BOARDS

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

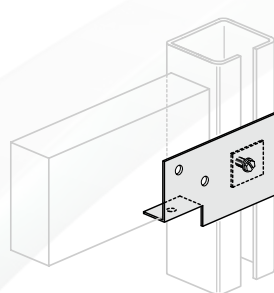
FACTS

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

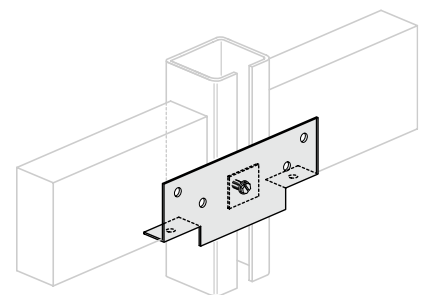
CORNER BRACKET



END BRACKET



LINE BRACKET



THE C-POST AND METAL BRACKET SYSTEM
ELIMINATES WARPED, SPLIT OR ROTTING WOOD
POST CAUSED BY WIND OR WATER DAMAGE.

GREGORY FENCE PRODUCTS ARE PROUDLY MADE IN THE U.S.A.

C-Post posts are manufactured in Canton, Ohio, from steel melted and manufactured in the U.S.A. Meets all parameters of the "Buy America" requirements. Please visit our website for a free online quote today:

www.gregorycorp.com

OR CALL

1-866-GO-CPOST



MENTAL HEALTH FACILITIES



ELECTRICAL SUBSTATIONS



WOOD BRACKET SYSTEMS



WASTE WATER TREATMENT FACILITIES



PRISONS



HIGHWAY/ROADS/D.O.T.



BORDER CONTROL



AIRPORTS



ZOOS



SCHOOLS



ARCHITECTURAL DESIGN



MILITARY



1-866-462-7678 www.gregorycorp.com

Gregory Industries, Inc. • 4100 13th Street, SW • Canton, Ohio 44710

