SUPER-C
Expanded Metal Fence System

"C" the difference:

- Unique design provides superior strength perpendicular to the fence line compared to its round competitor.

- .130 wall thickness utilizes 60,000 lb. minimum yield steel, creating double the bending strength of a 3 in. O.D. Schedule 40 pipe.

- .150 wall thickness uses 60,000 lb. minimum yield steel, providing greater bending strength than a 4 in O.D. Schedule 40 pipe.

Expanded metal fence system sizes and benefits

- Ideal maximum security protection.

- Made from solid steel sheets cut and stretched into anti-climbing, anti-cutting diamond patterns.

- Not welded or woven; impossible to unravel.

- 3/4 in. #9 and 1/2" #13 in heights up to 12 ft.

- Can be buried at any depth.

MEETS OR EXCEEDS ASTM SPECIFICATIONS

A653	Steel sheet, zinc-coated or zinc-iron alloy-coated by the hot dip process
A1011	Steel sheet and strip, hot-rolled, carbon, structural high strength low-alloy with improved formability
F1043	Strength and protective coatings on fence framework
F1267	Metal, expanded, steel
F2548	Expanded metal fence systems for security purposes

SUPER-C STRENGTH COMPARISON

LINE POSTS	Outside Dimensions	Material Thickness	Weight 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) 2.875" 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
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.
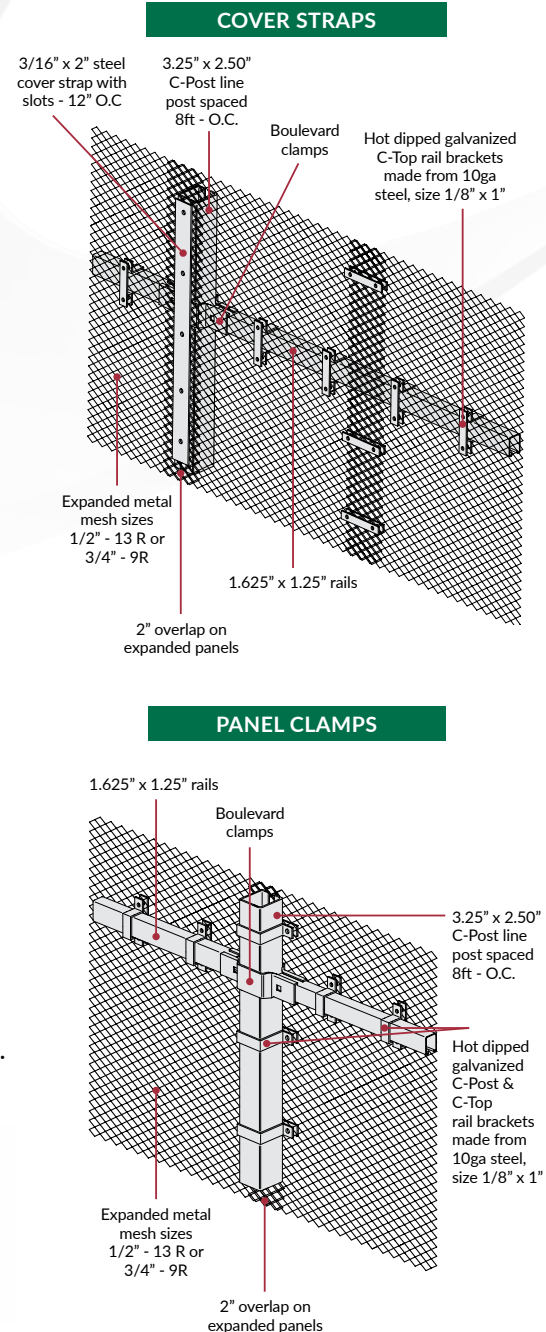
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TWO CONNECTION OPTIONS FOR EXPANDED METAL PANELS

COVER STRAPS

3/16" x 2" steel cover strap with slots - 12" O.C

3.25" x 2.50" C-Post line post spaced 8ft - O.C.

Boulevard clamps

Hot dipped galvanized C-Top rail brackets made from 10ga steel, size 1/8" x 1"

Expanded metal mesh sizes 1/2" - 13 R or 3/4" - 9R

1.625" x 1.25" rails

2" overlap on expanded panels

PANEL CLAMPS

1.625" x 1.25" rails

Boulevard clamps

3.25" x 2.50" C-Post line post spaced 8ft - O.C.

Hot dipped galvanized C-Post & C-Top rail brackets made from 10ga steel, size 1/8" x 1"

Expanded metal mesh sizes 1/2" - 13 R or 3/4" - 9R

2" overlap on expanded panels

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