



SECUREX SUPER-C EXPANDED METAL FENCE SYSTEM

Type 1 – New Fence

Basic Installation Specifications

8' High – 3 rail system

Mesh Specification – ¾" - #9R, 1" - #7R, 1-1/2" - #6R

Fence Framework – 3.25" x 2.5" x .150 roll formed C section line posts set 93"-117"OC. This expanded metal fence system includes three horizontal line rails (top, mid and bottom). Fence line rails consist of 1.625" x 1.25" roll formed steel channel installed using line post loop caps and boulevard clamps. Fence bottom rail is to be installed 3-8" from bottom edge of mesh. Mid rails are installed evenly spaced between top and bottom rails.

Fence Terminal Posts (end and corner) – 4" OD SS40/SCH40 posts will attach to remaining fence framework with 4" brace bands and offset square cups. Additionally, expanded metal mesh will attach to terminal posts with Securex end tensioner assemblies spaced evenly between rails at a max of 18" from fence line rails. Terminal posts will have matching dimension pressed steel dome cap. Expanded metal mesh will fit flush to post or overlap max of 2" to eliminate open space.

Securex Expanded Metal Mesh – Galvanized expanded metal mesh material will be zinc coated hot dip galvanized per ASTM A123. If color coated mesh is required coating will meet specifications per ASTM 1043-06. Expanded metal mesh will overlap up to 3 diamonds or 3 inches (depending on diamond size) at line post, except where adjustment is needed to follow contour of terrain. Expanded metal mesh shall be installed flush and/or overlap the fence end post a maximum of 2". Mesh panels shall have no more than 1" space between bottom of mesh and grade.

Fence Fittings – Expanded metal mesh is connected to line post framework using a steel bar cover strap. Expanded metal mesh is attached to line rails with ties or Securex C-clamps evenly spaced at a max of 18" per line rail. Mesh is connected to terminal posts with 4" Securex end tensioners, latch clamps and u-washers. If, due to terrain or spacing requirements, expanded metal mesh overlaps at a position that does not coincide with a line post, mesh is joined using Securex bar clamps horizontally positioned and evenly spaced.

Fence Fasteners/Bolts- The Securex expanded metal fence system recommends the use of stainless steel square shoulder carriage bolts with stainless steel breakaway nuts. Alternatively, the Securex system can be installed with standard carriage bolts tightened securely then peened to prevent removal.