



SECUREX RETRO-FIT EXPANDED METAL FENCE SYSTEM

Basic Installation Specifications

Type 2 – Retro-Fit over other

10' High – 2 or 3 rail System (All framework in place)

Mesh Specifications – 1" #7, 1/2" #13 or 3/4" #9

Fence Framework – 3" or 4" OD or near equal Schedule 40/SS40 line posts set 93" – 120" O.C. Each fence post will have a matching dimension pressed steel dome cap to seal out moisture. This expanded metal fence system will have a minimum of 3 horizontal rails. Top, bottom, and mid rails should consist of 1-5/8" OD or larger Schedule 40/SS40 pipe.

Fence Terminal Posts (end and corner) – 3" OD or larger Schedule 40/SS40 fence posts should be fully anchored and plumb. Expanded metal mesh will attach to fence with 9 Retro-Fit bands per post. 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 posts 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 fence line post framework using Retro-fit c-clamps evenly spaced between rails along the line post. Mesh is attached to top, bottom and mid rails using Retro-Fit c-clamps (1-5/8" or larger), approximately spaced every 12-15". If, due to terrain or spacing requirements, mesh overlaps at a position that does not coincide with a line post, expanded metal mesh is joined using Retro-Fit bar clamps horizontally positioned and evenly spaced.

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