



**NILES FENCE & SECURITY
PRODUCTS, LLC.**

**SECUREX
DIAMOND ARCHITECTURAL FENCING**

Fence System:
12ft High – 4 Rail ~ 8' OC (93")

Mesh size: 48" w x 144" h
Mesh panels per section: 2

Securex Fittings (per section):

End Section-

4 Diamond Bands w/ std. washer
6 Diamond End Tensioner w/ latch clamp assembly

Corner Section –

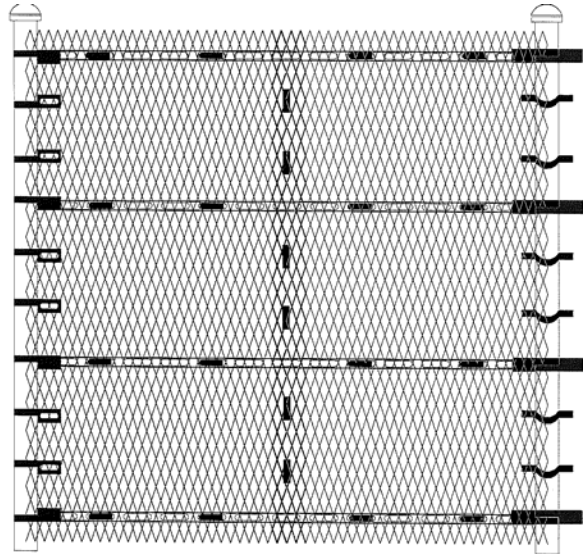
8 Diamond Bands w/ std. washer
12 Diamond End Tensioners w/ latch clamp assembly

Line Section

8 Diamond Bands w/ std. washer
6 Diamond C-Clamps w/ clamp bars

All Sections

16 Latch Clamps w/u-washer (to attach mesh at horizontal rails)
6 Securex Clamp Bar assemblies



Securex Framework Requirement:

4 Line rails per section – 1 5/8" x 13/16" x 88"L 14ga roll formed steel
4" or 6-5/8" Terminal Posts (end and corner) with caps
4" Line Posts with caps

Notes:

If the system is customized and built on less than 93"OC, rails are cut to spec per section.

If the system is customized and built on less than 93"OC, latch clamps should be used on horizontal rails at max 15"-18".

All mesh is available standard in the following sizes: 1/2-#13 3/4-#9R 3/4-#9F 1 1/2-#9R 1"-#7(.240)

Expanded metal mesh is hot dip galvanized OR powder coat -Black or Green (custom colors available)

Fasteners – Securex recommends 5/16-18" x 2" stainless steel nuts with breakaway bolts. Standard carriage bolts should be peened to prevent removal.

All Securex systems assume reverse diamond orientation unless otherwise requested.

Post spacing is adjustable and should be based on site variables including final application, wind load and terrain.

Mesh panel size and configuration can be adjusted to design requirements.