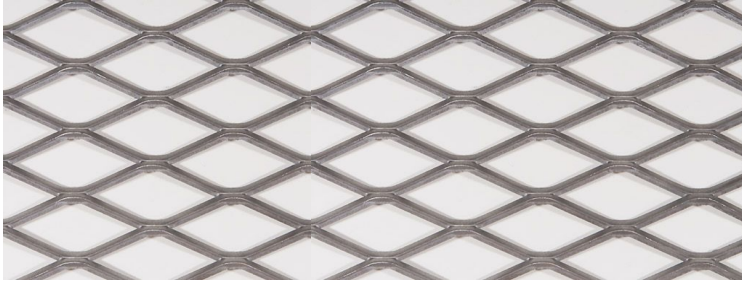


# Wire Mesh Partitions

## #13 gauge 1 1/2" flattened expanded metal mesh



### PANELS:

- **Wire mesh:** 13-gauge 1 1/2" flattened expanded metal diamond shaped openings
- **Panels:** Wire mesh is securely welded to angle framing around complete perimeter, and welded to a center reinforcement bar for added support. Frame is welded at intersections. 1" sweep space under all doors and panels.
- **Vertical frames:** 1 1/4" x 1 1/4" x 1/8" steel angle.
- **Horizontal frames:** 1 1/4" x 1 1/4" x 1/8" steel angle.
- **Center reinforcing bar:** Horizontal 3/4" x 3/4" x 1/8" steel angle at 3'6" from bottom of panel for 8' high panels, at 4'6" from bottom of panel for over 8' high panels.
- All panels are manufactured to order, therefore panels can be made in **any** size increment (maximum 5' wide up to 10' high. Taller structures to be double deck.)
- Panel options include (but are not limited to):
  - Raked panels to accommodate pitched ceilings, stairways and other configurations
  - Predefined cut outs can be factory cut and framed (or cut outs can be made in the field with a cutout kit)
  - Sheet metal base welded to lower portion of panels and doors

### TUBING AND POSTS:

- For maximized stability, **each panel is attached to 2" x 2" tubing post** (direct panel-to-panel connections are possible.) Tubing posts will fasten to the floor. The post top extensions will be supplied when necessary to anchor the posts to ceilings. Top capping bar is fit across all panels to enforce alignment and strength.
- **Line Posts:** 2" x 2" tubing post
- **Corner Posts:** 2" x 2" tubing post
- **Three-way Posts:** 2" x 2" tubing post
- **Top capping bar:** 2 1/2" x 3/4" cold rolled channel with 1/4" x 1" carriage bolts and nuts approximately 18" o.c.

### DOORS:

- Doors are fabricated from the same mesh as partitions.
- **Hinged doors:** 1 1/4" x 1 1/4" x 1/8" angle frame with 1 1/2" pair fast pin butt hinges; continuous 1/8" x 2" flat strike and 1" clearance from floor.
- **Sliding doors:** 1 1/4" x 1 1/4" x 1/8" angle frame with two 4-wheel ball bearing trolleys hung in an enclosed box track, slide door strike keeper and bottom door guide
- **Dutch doors** and **service windows** also available (same specs as doors)
- Doors are manufactured to order, therefore can be made in **any** size increment (standard height is 7' plus transom).
- **Locks:** Standard options are 1) MARKSUSA W3700/W3800 mortise lockset operated by key outside and recessed knob inside or 2) padlock lug and hasp on jamb or 3) Custom options available.

### HARDWARE:

- All hardware necessary for proper installation is provided. Includes: hex head bolts, nuts and screws for panel connections, 1/4" and 3/8" anchors for most floor and wall connections, wall clips, angle clips and floor angle base or base plates.

### FINISHES:

- Phosphate washed then powder coated finish in grey or black
- Other colors available upon request
- Galvanized wire available