

Wire Mesh Partitions

#10 gauge 2" square WELDED mesh



PANELS:

- **Wire mesh:** 10-gauge wire (.135) welded 2" square mesh pattern. Also available in woven wire and other size mesh.
- **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. Bottom frame at 3" above bottom of panel to allow for sweep space.
- **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 1" x 1" 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: 6' wide up to 8' high; 5' wide up to 11' 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**. 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 4" x 1" carriage bolts and nuts approximately 18" o.c.

DOORS:

- Doors are fabricated from the same mesh as partitions and typically provided with transom above
- **Hinged doors:** 1 1/4" x 1 1/4" x 3/16" angle frame with 3 1/2" x 3 1/2" fast pin butt hinges and two 1/8" x 1 1/2" plate strikes
- **Sliding doors:** 1 1/4" x 1 1/4" x 3/16" 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
- 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