



## Wire Mesh Lockers - Material Specifications

### 1. Locker Styles (As Indicated on Quote):

- **Single Tier:** Full height unit for use by a single occupant; 10'-0" maximum width and depth; door panels have 4'-0" maximum width and 8'-0" maximum height
  - i. **Full height door:** Door panel is entire height of unit, except for ceiling, if applicable
  - ii. **Transom-style door:** Door is shorter than overall unit height; typically to avoid overhead obstructions in aisles or for more manageable door sizes. Includes transom panel in 1'-0" height increments bolted above door panel
  - iii. **Bi-parting door:** Either full height or transom-style door with door panels split into half width sections with both sides hinged from outer frame.
  - iv. **Extra wide unit:** Additional panel added to either side of full height or transom-style door to widen unit up to 10'-0" maximum
- **Double Tier:** Unit with height split into two (2) equal units, separated by a full divider shelf; 4'-0" maximum width, and 5'-0" maximum depth; door panels are full width of unit

### 2. Unit Heights (As Indicated on Quote):

- 6'-0"
- 7'-0"
- 8'-0"
- Other heights may be available for fabrication, upon request.

### 3. Wire Mesh Panel Infill (As Indicated on Quote):

- **Standard:** #10 W&M Gauge (0.130 in.), bright basic wire welded into a 2" x 2" square mesh.
- **Heavy-Duty:** #6 W&M Gauge (0.192 in.), bright basic wire welded into a 2" x 2" square mesh.
- **Optional:** #10 W&M Gauge (0.130 in.), triple crimped bright basic wire woven into 1-1/2" diamond mesh.
- Other mesh and material types available, upon request

### 4. Panels: Standard panel sizes are available in one foot increments up to 5 feet wide by 10 feet high. Horizontal and vertical frame members constructed from 1-1/4" x 1-1/4" x 1/8" hot rolled angle, with 1-1/4" x 3/8" slotted holes punched every 12 inches on center (O.C.). Vertical frame members are notched and welded to horizontal angle at corner seams. Wire mesh is securely welded to frame. Stiffener bars only included, as noted below. Wire mesh position in angle frame may vary slightly. The same style panels may be used for the following in this system:

- Side panels; maximum two deep (when side by side) and not to exceed 10'-0" overall
- Front panels on extra wide units
- Transoms above doors
- Ceiling panels above a single unit
- Ceiling panels shared above multiple units
- Wire mesh back panels

5. **Panel stiffener bar:** Used only on 10-gauge wire mesh materials and panels greater than 5 ft long in any direction. 1/4" x 3/4" thick hot rolled flat stock, center located and tack welded to wire mesh and horizontal frames.
6. **Connection angle:** 1-1/2" x 1-1/2" x 14-gauge galvanized angle; punched to connect doors, panels, and ceilings. Adds 1/8" growth to the unit width for each instance of use. Adds 1-1/2" growth to the unit depth for each instance of use. Adds 1-1/2" of growth to the Unit Height if adding ceiling panels above the unit.
7. **Pre-hung Hinge Door Panels:** Doors are constructed of the same materials as panels except stiffener bars are welded diagonally for rigidity. 2-1/2" x 2-1/2" butt hinges are welded to the door panel – three (3) for single tier style, two (2) per door section for all other doors. Hinges are then welded to an additional outer 1-1/4" x 1-1/4" x 1/8" four-sided angle frame, which come standard in either 3'-0" or 4'-0" widths and at the Unit Heights defined above. Door(s) and outer frame are punched with slotted holes to mount matching 1-1/4" padlock lugs.
8. **Sheet metal backs (if quoted):** 20-gauge sheet metal backs with 1-1/4" x 3/8" slotted holes punched 6" from each corner and every 12 inches on center (O.C.) to bolt to side panels. Backs will only be provided on back-to-back units, unless quoted otherwise.
9. **Divider shelves (if quoted):** Horizontal and vertical frame members constructed from 1-1/4" x 1-1/4" x 1/8" hot rolled angle, with 1-1/4" x 3/8" slotted holes punched for mounting. Utilizes 6-gauge (0.192 in.), bright basic wire welded into a 2" x 2" square mesh securely welded to frame. Shelves are undersized by 1" in width and depth to properly mount to side panels. 1/8" x 1-1/4" steel flat punched to match holes in shelves are provided to sit on outside face of side panels and through-bolt to shelves; ensure steel flat is level prior to tightening hardware.

*Customer may request substitution of 16-gauge sheet metal infill material; however, only in strict accordance to relevant Fire codes which is the sole responsibility of the customer.*

10. **Floor bases (if quoted):** Same materials as divider shelves, placed inside of unit directly on finished floor. 10'-0" lengths of connection angle have been provided and should be cut by installer roughly 1" to 2" shorter than shelf width and placed with flanges towards floor (inverted "V"-shape) beneath the shelf for added support. Unless quoted otherwise, bases are not intended to bolt to unit or anchor to the floor and therefore do not include steel flats for mounting.
11. **Hardware:** 5/16" carriage bolts for all panel-to-panel, panel/door to post connections. 3/8" x 3" concrete wedge expansion floor anchors are included; **other floor and wall anchors are the responsibility of the erector.**
12. **Leveling:** Units are required to be installed plumb and level to ensure proper functionality, particularly the doors. In the event that the finished floor surfaces are not level, materials to shim the system are not provided, **and are the responsibility of the erector**, unless specifically called out in your quotation. Manufacturer suggests non-compressible materials such as metal, in the form of washers or steel flat or angle, to effectively level the units. Thinner materials that can be stacked at various height gaps below the floors are most effective.
13. **Finish (per quote):** Two stage phosphate wash with a standard powder coat finish of Beast Black or optional SpaceGuard Gray. Manufacturer also offers Pure Orange, Signal Blue, Carmine Red, Leaf Green, Zinc Yellow and Sky White for an upcharge. Custom colors and color matches are also available for an additional charge. Aerosol touch-up is provided with each shipment. Hot dip galvanizing is not an available option due to pre-hung door construction.
14. **Disclaimer:** This specification is subject to change. To ensure you have the latest update, please refer to [www.SpaceGuardProducts.com](http://www.SpaceGuardProducts.com). Or, for more information, please contact the manufacturer at (812) 523-3044 or [sales@spaceguardproducts.com](mailto:sales@spaceguardproducts.com).