

Material Specifications

(Section 10512 / 105140)

Wire Mesh Storage Lockers

(Manufactured by Spaceguard Products)

1. **Wire Mesh:** #10 W&M Gauge (.130), welded wire mesh, 2" x 2" square pattern.
2. **Horizontal Frames:** 1-1/4" x 1-1/4" x 1/8" hot rolled angle, with 3/8" x 7/8" slotted holes punched approximately 24" O.C.
3. **Vertical Frames:** 1-1/4" x 1-1/4" x 1/8" hot rolled angle notched at both ends. Four 3/8" x 7/8" slotted holes punched approximately 24" O.C.
4. **Vertical Flat panel members:** 3" x 1/8" flat stock, punched with, six 3/8" x 7/8" slotted holes for bolting to panels and doors at 90° angles.
5. **Stiffener bars:** 1/4" x 3/4" thick hot rolled flat stock, center located and welded to wire mesh and vertical frames of single door panel. 1-1/4" x 1/8" flat stock, punched with three 3/8" x 7/8" slotted holes, center located and welded to wire mesh and vertical frames of locker panel.
6. **Panels:** Consisting of the above horizontal and vertical members welded at all corners, with mesh securely welded to frame. 3" x 1/8" vertical flat member welded to one side for securing to adjacent panel or door. A 1-1/4" x 1/8" stiffener bar is welded horizontally to wire mesh and to vertical members 45" from bottom.
7. **Single Door panel:** Constructed of the same materials as panels, hung by three 2-1/2" x 2-1/2" butt hinges. Three 1/4" x 3/4" stiffener bars welded to wire mesh and to frame for added rigidity. Complete with all mounting hardware to install and operate. Furnished with padlock hasp.
8. **Double Door panel:** Constructed of the same materials as panels, hung by four 2-1/2" x 2-1/2" butt hinges. One 1/4" x 3/4" stiffener bar welded to wire mesh and to vertical framing members for added rigidity. Complete with all mounting hardware to install and operate. Furnished with padlock hasp.
9. **Ceiling panel (optional):** Constructed of 1-1/4" x 1-1/4" x 1/8" hot rolled angle on all four sides with mesh securely welded to frame.
10. **Back panel (optional):** Galvanized sheet steel – 20 gauge. 3' and 4' widths by 90" high furnished with a 3" x 1/8" hot rolled flat vertical splice strip.
11. **Shelves:** Welded wire mesh panel, 3' or 4' wide x depth of locker consisting of 1-1/4" x 1-1/4" x 1/8" hot rolled angle frames on all sides. 3/8" x 1-1/4" slotted holes punched in side members for securing to adjacent panels. Wire shelf surface constructed of 6ga wire welded into a 2-1/2" x 1-1/2" rectangular pattern.
12. **Hardware:** 5/16" carriage bolts, flanged hex head bolts and flanged hex nuts for all panel to panel and panel to door connections. (Field bracing, floor and wall anchors by erector)
13. **Finish:** Two stage Phosphate wash with a standard 2 mil **Polyester Powder Coat** finish of SpaceGuard Gray, with options of Black, Green, Blue, Yellow, Red or custom color.