

MANUFACTURER'S SPECIFICATIONS:

SUBCHAPTER 6: ELEVATOR SAFETY ORDERS CONSTRUCTION OF HOISTWAYS AND HOISTWAY ENCLOSURES

Construction of hoistways and hoistway enclosures must comply with section 100 of ASME A17.7-1996; except for Rules 100.1a(3) and 100.1c(3); which hereby incorporated for reference.

When two or more elevators are located in the same hoistway, the elevator shall be fully separated by a material complying with the following:

- Where wire screen or perforated metal is used it shall be equal to or stronger than 0.0915 inch (2.324 mm) diameter metal grill.
- The wire mesh panels shall reject a ball 1 inch (25.4 mm) in diameter and be supported and braced that when subjected to a pressure of 100 lb/ft applied horizontally at any point, the deflection shall not exceed 1 inch (25.4 mm.)

AMERICAN WOVEN WIRE SPECIFICATIONS:

- MESH: 1" square mesh woven with intermediate crimp.
- WIRE DIAMETER: #10 gauge (W&M)
- PERIMETER FRAMES OF PANELS: 1¼" x 5/8" channel to prevent telescoping when bolted to adjacent panels.
- HORIZONTAL STIFFENERS: 1" x ½" channels back to back welded or riveted.
- VERTICAL POST: 2" square tube .120 wall.
- GAPPING: No vertical or horizontal gaps bigger than 1" except 3" sweep space at the bottom of pitscreens.