

## SECTION 105610 - CLOSET SPECIALTIES

### PART 1 – GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This section includes vinyl coated wire shelving and steel coat rod produced by single manufacturer for entire project.

- 1. Closet shelving shall be vinyl coated wire shelving, unless noted otherwise.

#### 1.3 SUBMITTALS

- A. Product data for each type of product specified.
- B. WARRANTY: Provide manufacturer's written 10 year warranty against any defects in material and workmanship.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
  - 1. Clairson International
  - 2. Closet Maid
  - 3. Schulte
  - 4. Shelfco, Inc.

#### 2.2 PRODUCTS

- A. MATERIALS: Vinyl coated wire shelving shall be constructed of C1008 cold drawn basic steel wire, 100,000 psi tensile strength. Deck wires .116 dia. shall be spaced on 1" centers and shall be resistance welded to main rib wires, .225 diameter (.225 dia. + .3125 dia. for closet rod) in accordance with RMWA welding standards.
  - 1. Provide in sizes as required for application indicated on the drawings.
- B. FINISH: Color: White vinyl.

- C. COATING: Wire shelving shall be thoroughly cleaned in detergent solutions, iron phosphated and then primed with a special primer for the purpose of insuring total adhesion of the vinyl material to the steel wire. Vinyl coating shall be of a non-exudating formula PVC, applied by fluidized, bed process to a thickness of 7-11 mills. Vinyl coating shall bridge intersections of the welded cross wires to provide a continuous coating. Elasticity of the protective coating shall be sufficient to prevent chipping, and cracking of the protective finish.
- D. LOAD CAPACITY: Shelves shall withstand a static load of 75 pounds per square foot. Installed as per manufacturers specification.

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- A. GENERAL: Comply with manufacturer's instructions and recommendations.
- B. MOUNTING HARDWARE: Components shall provide for shelving installations to drywall without requiring mounting to concealed wall structure members.

Support brackets shall be made of 18 ga. sheet metal and polyester coated. They shall be used so that spans do not exceed 3'-6" on the shelf-closet/rod and 4'-0" on shelf-storage/linen.

Plastic hardware shall be manufactured of engineering plastic and shall comply with the shelf load capacity.

END OF SECTION 105610