



SECTION 10 21 23
CUBICLE CURTAINS AND TRACK SYSTEMS

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Provide cubicle curtains and cubicle track systems in accordance with project documents and plans.
- B. Related specification sections:
 - 1. Division 6 Section – Rough Carpentry
 - 2. Division 9 Section – Gypsum Board Assemblies
 - 3. Division 9 Section – Acoustical Panel Ceilings

1.2 QUALITY ASSURANCE

- A. Provide cubicle curtains, track, and hardware from a firm that has specialized in the fabrication and installation of such work for at least five (5) years in projects of similar size and scope.
- B. Provide curtains, track, and hardware as complete units produced by a single manufacturer, including the necessary mounting brackets, hardware, fittings, fastenings, and installation.
- C. Installation shall be performed by an authorized manufacturer's representative experienced in the installation and maintenance of such assemblies.

1.3 STANDARDS

- A. Except as modified by governing codes and contract documents, comply with applicable provisions and recommendations of the following:
- B. Fabrics can withstand a temperature of not more than 160 degrees F.
- C. Provide curtains that conform to NFPA 701 Fire Tests for Flame and Resistant Textiles and Films, and California Title 19 regulations.
 - 1. Identify fabrics with appropriate markings of applicable testing and inspecting agency.

1.4 SUBMITTALS

- A. Manufacturer's Data: Include durability, laundry temperature limit, fade resistance, and fire-test response characteristics for each type of curtain fabric indicated.
- B. Shop drawings: Submit drawings and a schedule showing layout and cubicle configurations, sizes of curtains, number of carriers, anchorage details, and conditions requiring accessories. Indicate dimensions taken from field measurements. Include details on blocking above ceiling and in walls.
- C. Verification Samples: Submit Full-size units of each type of the following products:
 - 1. Cubicle Curtains: Submit 12-inch square swatch (memo) samples illustrating fabric color, pattern repeat, and weave for each fabric specified.



2. Curtain Track System: Submit sample assembly not less than 4 inches long and includes a PRVC™ Systems carrier.
- D. Maintenance Instructions: Submit manufacturer's printed instructions for cleaning and maintenance of the products.

1.5 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Subcontractor shall not install cubicle tracks or curtains until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, work above ceiling is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for project when occupied for its intended use.
- B. Inspect materials at delivery to assure that specified products have been received and are free of damage.
- C. Field measurements: Verify dimensions by field measurements before fabrication. Schedule with construction progress to avoid delaying the Work.

1.6 WARRANTY

- A. Provide a written warranty agreeing to repair or replace fabric curtains, hardware or materials due to faulty workmanship or installation for a period of one (1) year.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Provide cubicle curtain system as produced by one manufacturer.
- B. Approved manufacturers, Basis of Design:

PRVC™ Systems
1241 Central Avenue, Suite 634
Wilmette, IL 60091
844-352-5089
customerservice@prvcsystems.com
www.prvcsystems.com

- C. Substitutions are not permitted. Provide Cubicle Curtains and Track only from PRVC™ Systems in accordance with specifications, drawings, and contract documents.

2.2 MATERIALS

- A. Cubicle Curtain Fabric (Woven): Provide cubicle curtains fabricated with the specified materials. Substitution are not permitted.
 1. Manufacturer/Mill:
 2. Pattern:
 3. Color:
 4. Fabric Width:

5. Repeat:
 6. Railroaded/Non-Railroaded:
- B. Mesh (Woven Fabric Curtains Option):
1. Mesh is not required when using PRVC™ Systems track or if sprinkler system is not present, per NFPA 13.
 2. Mesh Specifications: Inherently Flame-Resistant Polyester Mesh
 - a. 100% polyester mesh with ½ inch diameter openings
 - b. Integrated Header and Footer
 - c. Standard Width: 20"
 - d. Color: White or Buff
- C. Cubicle Curtain Fabric (Non-Woven Disposable): Provide cubicle curtains fabricated with the specified materials. Substitution are not permitted.
1. Manufacturer: PRVC™ Systems
 2. Material: 100% Non-woven Antibacterial Polypropylene (120 GSM)
 3. Color: Cream, Beige and Blue
 4. Fabric Width: 66"W x 68"L
- D. Cubicle Curtain Track:
1. PRVC™ Systems Track
 - a. Material: Extruded 6036 T6 high grade aluminum with a .25 wall thickness.
 - b. Dimensions: 1½ inches high by .88 inches wide
 - c. Provide straight and bent sections as indicated on drawings.
 - d. Provide factory fabricated curved track with 12-inch radius bends.
 - e. Finish: Powder coated with a U.V. resistant polyester in the color white.
 2. PRVC™ Track Accessories:
 - a. Splice: Aluminum Splices to join track sections and curves. (Part No. PVCFSOS).
 - b. Wall Mount: Aluminum, (Part No. PVCFSOWM).
 - c. Ceiling Mount: Aluminum, provide one per each configuration (Part No. PVCFSOCM)
 - d. PRVC Curtain Carriers: Polypropylene, (Part No. PVCGH).
 3. PRVC™ Trolley System: Utilizes special accessories in addition to PRVC track and accessories.
 - a. Wall Mounted Trolley Arm: Aluminum (Part No. PRVCWMTA)
 - b. Cantilevered Dual Trolley Arm: Aluminum (Part No. PRVCCDTA)
 - c. Cantilevered Single Trolley Arm: Aluminum, (Part No. PRVCCSTA)
 - d. Ceiling Mounted Trolley Arm: Aluminum, (Part No. PRVCCMTA)
 - e. Cantilever Support System: Aluminum, (Part No. PRVCCSS)
 4. PRVC™ Gate System: Utilizes special accessories in addition to PRVC track and accessories.
 - a. Gate: Aluminum (Part No. PVCG)
 5. PRVC™ Swing Arm System: Utilizes special accessories in addition to PRVC track and

accessories.

- a. Swing Arm: Aluminum/UHMW (Part No. PVCSA)

2.3 FABRICATION (Woven Fabric)

Fabricate curtains to comply with the following requirements:

- A. Width: Equal to track length from which curtain is hung plus approximately 10 percent added fullness.
- B. Length: Equal to floor-to-top of track height minus 3.5 inches, and minus the distance above the finished floor at bottom as follows:
 1. Cubicle Curtains: Approximately 10 to 14 inches
 2. Shower Curtains: Approximately 2 inches
- C. Hook Plates: Provide PRVC plastic hook plates inserted in the top hem of fabric or mesh at approximately 6.5 inches on center.
- D. Hem Construction:
 1. Top Hem: To be 1-1/2 inches wide, triple thickness and single lock stitched.
 2. Bottom Hem: To be 1-1/2 inches wide double thick and single lock stitched.
 3. Side Hems: To be 1-1/2 inches wide, double turned edges and single lock stitched.
- E. Vertical Seams (for non-railroded fabrics or panel construction only): Not less than 1/2 inch wide, double thick and double stitched.
- F. Fabric Railroding: Fabrics are to be railroded when possible to provide a seamless cubicle curtain. All other patterns are to be pattern matched and sewn with vertical seams.
- G. Curtain Snaps (optional): On side hem of fabric, plastic cap snaps machined into the fabric.
- H. Maintenance labels: Each curtain is to have a PRVC™ Systems Company label sewn into the top fabric seam. Label indicates the size, location, and care instructions.

2.4 FABRICATION (Non-Woven Disposable)

Fabricate curtains to comply with the following requirements:

- A. Standard Size
 1. 66"W x68"H with no mesh
- B. Case Quantity
 1. 12 curtains per case.
 2. Each curtain is individually wrapped in plastic bag.
- C. Hook Plates: PRVC Systems plastic hook plates mounted in the top of fabric approximately 6.5 inches on center. Requires 10 PRVC™ Systems hooks and PRVC™ Systems track.
- D. Curtain Snaps: On side hem of fabric, plastic cap snaps machined into the fabric.
- E. Labels: Each curtain is to have a PRVC™ Systems Company label on the curtain. Label indicates the size and company information.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine substrates, adjoining construction and conditions under which the work is to be installed. The work shall not proceed until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install all materials level and plumb, according to manufacturer's written instructions.
- B. PRVC™ Track System: Wall mounted tracks lengths should be no longer than 10 feet without a PRVC™ Ceiling Mount. Fasten support at each splice and tangent point of each corner. Attach track to wall as follows:
 - 1. Slide PRVC™ into attached wall mount and mechanically fasten the two parts.
 - 2. Mechanically fasten the PRVC™ Ceiling Mount at the appropriate location on the track.
- C. PRVC™ Wall Mount: Mechanically fasten mount at appropriate height using 4 each ¼ inch Hilti Toggle Bolt's.
- D. PRVC™ Ceiling Mount: Attach the mount to the ceiling as follows:
 - 1. Mechanically fasten directly to bottom of concrete deck with anchor screws
 - 2. Mechanically fasten directly to finish ceiling with toggle bolt
 - 3. Mechanically fasten directly to suspended ceiling grid with screws
- E. PRVC™ Track Accessories: Install splices, carriers and other accessories as required for a secure and operational installation.
- F. PRVC™ Curtain Carrier: Provide curtain carriers adequate for 6.5 inch spacing along the full length of the curtain.
- G. PRVC™ Curtains: Hang curtains on each curtain track. Test for smooth operation of carriers.

3.3 PROTECTION

- A. Protect installed products until the completion of the project.
- B. Touch-up, repair, or replace damaged products before Substantial Completion.
- C. Remove debris and clean surfaces per manufacturer's instructions upon completion.

END OF SECTION