

CUBICLE TRACKING SPECIFICATIONS

5000 SERIES

Part 1 – General

1.1 Summary

- A. Work included in this Section: Provision of cubicle curtains and tracks.
- B. Related Work Not Included in this Section: Backing for cubicle curtain tracks.

1.2 System Description

- A. Performance Requirements
 - 1. Provide cubicle curtains that conform to the following requirements of regulatory agencies and the quality control of the Diamond Drapery Company.
- B. Fire Performance Characteristics
 - 1. Provide curtains that conform to NFPA 701 (Fire Tests for Flame and Resistant Textiles and Films) and California Title 19 regulations.

1.3 Submittals

- A. Product Data
 - 1. Manufacturer's printed product data for each type of cubicle curtain specified.
- B. Fabric Samples
 - 1. Swatch cards of fabric (memo) samples illustrating fabric color and weave.
- C. Track Samples
 - 1. Verification samples of cubicle track, 6 inch (153mm) long, in full size with carriers and end stops.

1.4 Delivery, Storage and Handling

- A. Deliver and store packaged products in original containers with seals unbroken and labels intact until time of use.
- B. Inspect materials at delivery to assure that specified products have been received.
- C. Store delivered products inside in a clean, safe and dry environment.

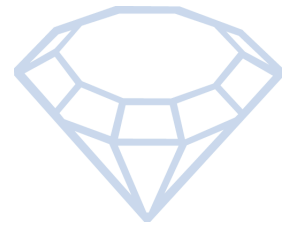
1.5 Warranty

- A. Standard Diamond Drapery Limited Warranty against material and manufacturing defects for a period of 1 year from the date of the installation.

Part 2 – Products

2.1 Diamond Drapery 5000 Series Cubicle Track

- A. Description: Ceiling mounted cordless aluminum track with matching splices; carriers with hooks; cordless hand traverse operations.
- B. Acceptable manufacturer
- C. Diamond Drapery Co. Inc. provided by Diamond Drapery Co., Inc., Orange County, California, (714) 761-4543 in accordance with specifications, drawings, and contract documents.
- D. Substitutions: Not Permitted
- E. Provide all cubicle tracks from a single source.
- F. Track Material
 - 1. Cubicle Tracking System: Diamond Drapery 5000 Series heavy duty extruded clear anodized aluminum cubicle track systems.
 - 2. Track to be delivered in straight lengths up to 20 feet (6.1m).
 - 3. Configuration Sections: Provide illustrations of bends.
 - a. Standard Bends
 - i. 90 degree bend with a 12 inch (305mm) radius
 - ii. 45 degree bend with a 12 inch (305mm) radius
 - iii. 180 degree bend with a 60 inch (1524mm) radius
 - iv. 90 degree bend with a 60 inch (1524mm) radius

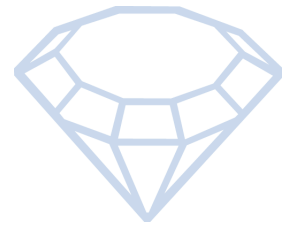


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Part 2 – Products (continued)

- b. Custom Bends
 - i. Provide drawing with dimensions. Template may be required
 - 4. Suspension Tubing System (optional)
 - a. ¾" Square Aluminum Tubing color: Clear Anodized
 - b. Length of Suspension tubing should be 18" minimum
 - c. A complete suspension tubing should be anchored every 24" and consists of
 - i. 5000-06 Ceiling Brackets
 - ii. 5000-07 Track End Wall Brackets
 - iii. 5000-08 Track Brackets
 - d. Multiple configuration bends require a 5000-17 radius connector on each bend.
- 2.2 Cubicle Curtains
- A. Description: 100% polyester cubicle curtains. Fabric is to be opaque, washed, flame retardant and closely woven.
 - B. Acceptable Manufacturer:
 - 1. Diamond Drapery Co. Inc. provided by Diamond Drapery Co., Inc., Orange County, California, (714) 761-4543 in accordance with specifications, drawings, and contract documents.
 - C. Substitutions: Not Permitted
 - D. Provide all cubicle curtains from a single source.
 - E. Construction:
 - 1. Height of curtains to be from 18 inches (457mm) below ceiling mounted track to a distance of not more than 10-12 inches (254-308mm) from the floor.
 - F. Curtains to have 110 percent fullness, width to be determined by length of track to ensure proper enclosure.
 - G. Form top and bottom hems by a triple fold securely sewn with edges and panels seams 1 inch (25mm) overlapped lock stitched.
 - H. Provide flat washed nickel-plated ½ inch (12.7mm) brass eyelets inserted in the top hem at 6 inches (152mm) on center.
 - I. Sew a Diamond Drapery identification label and cleaning instructions on the top hem of each curtain to identify the width of the curtain.
 - J. Fabricate curtains with a 20 inch (508mm) mesh cloth with ½ inch (12.7mm) holes. Mesh is to be flame retardant, washable, and dry cleanable.
 - K. Fabric railroading
 - 1. Vertical striped patterns are to be railroaded. All other patterns will be pattern matched and sewn with vertical seams.
 - L. Plaids
 - 1. Cut plaid pattern materials utilizing a straight edge; thread pulling to mark cutting line is not an acceptable method.
 - M. Fabric
 - 1. Select solid or patterned fabric from manufacturer's selection.
 - N. Mesh (optional)
 - 1. Mesh is not required when utilizing the 5000-ST suspension tubing system
 - 2. Mesh Selection – Diamond Mesh
 - a. 100% nylon mesh with ½" Diameter Holes.
 - b. Mesh is to be opaque, washable, flame retardant and woven.
 - c. Integrated Header and Selvage
 - d. Minimum of 3.3 ounces per square yard
 - 3. Acceptable Manufacturer:



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Part 2 – Products (continued)

- a. Diamond Drapery Co. Inc. provided by Diamond Drapery Co., Inc., Orange County, California, (714) 761-4543 in accordance with specifications, drawings, and contract documents.
4. Substitutions: Not Permitted
5. Provide all cubicle curtain mesh from a single source.
6. Construction
 - a. Size: 20" (51cm)
 - b. Top Integral Header: 1.75" (45mm)
 - c. Bottom Integral Selvage: 0.5" (13mm)
7. Color (select one)
 - a. Snow White, Earth, or Tusk
- O. Attachment Selection (select one)
 1. Nickel-plated brass grommets, size #0, spaced every 6" (152mm) on center.
 - a. Color: Silver
 2. Hook and Loop tape sewn along the top edge of the mesh.

Part 3 – Execution

3.1 Preparation

- A. Coordinate details with other work supporting, adjoining, or otherwise contacting items as required to ensure proper installation.
- B. Verify that surfaces and above ceiling supports/backing are installed by the general contractor and are ready to receive work.

3.2 Examination

- A. Examine construction to support, adjoin, or otherwise contact and verify that:
 1. Dimensions are correct.
 2. Backing is available and installed where required.
 3. Exposed finishes have been applied, and setting conditions are dry, clean, and otherwise proper for installation.
- B. Do not install items until unsatisfactory conditions have been corrected.

3.3 Installation

- A. Install track in accordance with approved Diamond Drapery Company recommendations and reviewed Shop Drawings.
- B. Typical Fastenings: Use machine screws or bolts to metal backing.
- C. Drill and tap mounting surfaces for mounting hardware as required.
- D. Install track in one piece when less than 14 feet (6.1m) long and with no more than one splice for each additional 14 feet (6.1m).
- E. Form corner bends with 12 inch (308mm) radius.
- F. Butt Joints
 1. Secure with splices.
- G. Carriers
 1. Furnish one carrier per every 4 inches (102mm) of track plus 10 percent extra for each track length.
- H. End Stops
 1. Provide at both ends with removable pull-out at one end of each track length.
- I. Furnish tag designating proper size curtain at curtain stacking end of runs.

3.4 Cleaning

- A. At completion of installation, remove any debris and clean surfaces in accordance with the Diamond Drapery Company clean-up and maintenance instructions.