

## HUSH Curtain® - Acoustical Cubicle Curtains and Track

Suggested Specifications | Section 10 21 23

### Part 1 – General

#### 1.1 Description of Work

- A. Work Included: Provide labor, materials and equipment necessary to complete the work of this section, including the following:
  - 1. Acoustical cubicle curtains and track.
- B. Related Work: The following items are not included in this section and are specified under the designated sections:
  - 1. Section 055000 - Metal Fabrications for track supports above ceiling.
  - 2. Section 095100 - Acoustical Ceilings for connection through ceiling.

#### 1.2 Submittals

- A. Product Data: Submit for each product indicating materials, dimensions, profiles, patterns and colors. Include installation instructions.
- B. Third party test lab results and HIPPA certificate for product.
- C. Shop Drawings: Submit reflected ceiling plan layout of curtain track, track suspension points, track attachment details, number of carriers, curtain sizes and accessories.
- D. Verification Samples: Submit 12 x 12–inch sample of curtain fabric and 6-inch sample of track.
- E. Maintenance Instructions: Submit manufacturer's maintenance instructions that include recommendations for care and cleaning of components.

#### 1.3 Quality Assurance

- A. Manufacturer: Minimum of 5 years manufacturing similar products.
- B. Installer: Minimum of 2 years installing similar products.
- C. Mockups: Provide a mockup for evaluation of installation techniques and workmanship.
  - 1. Build mockup in area designated by architect.
  - 2. Do not proceed with remaining work until mockup is approved by architect. Rebuild mockup if required.
  - 3. Approval of mockups does not constitute approval of deviations from the contract documents contained in mockups unless architect specifically approves such deviations.
  - 4. Subject to compliance with requirements, approved mockups may become part of the completed work if undisturbed at time of substantial completion.

#### 1.4 Delivery, Storage and Handling

- A. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Storage and Handling: Comply with manufacturer's recommendations for storage and handling.

#### 1.5 Warranty

- A. Warranty: Provide manufacturer's standard limited warranty against defects in manufacturing.

**Part 2 – Products**

**2.1 Acoustical Cubicle Curtains**

- A.** Basis-of-Design: Hush Curtain® manufactured by Construction Specialties, 3 Werner Way, Lebanon, NJ 08833. Tel: 800.233.8493. Email: cet@c-sgroup.com, www.c-sgroup.com. No substitutions.
- B.** Acoustical Cubicle Curtain Performance Characteristics
  - 1. Noise Reduction Coefficient (NRC): 0.95
  - 2. Sound Transmission Class (STC): 11
  - 3. Flame Retardant (NFPA 701 Full Assembly Test): Pass
  - 4. HIPAA Compliant
- C.** Curtain Panels: Fabrics
  - 1. Material: As selected by architect from manufacturer’s full range
  - 2. Color and Pattern: As selected by architect from manufacturer’s full range
  - 3. Performance: Antimicrobial and stain repellent
  - 4. Washable: Per manufacturer’s instructions
- D.** Curtain Panels: Clean-in-Place (CIP) Vinyl
  - 1. Material: Herculite Sure-Chek® Linen vinyl
  - 2. Color: As selected by architect from manufacturer’s full range
  - 3. Performance: Antistatic, antimicrobial, flame resistant and stain-odor-fluid resistant
  - 4. Washable: In place per manufacturer’s instructions, requires no laundering
- E.** Mesh: None (if using PVC drops or bead chain drops)
- F.** Mesh: Open weave, nylon mesh, flame retardant and antimicrobial. Hole size approximately 1/2 inch (12mm). Mesh edges finished with antimicrobial twill tape:
  - 1. Mesh Length: 18 inches (457 mm)
  - 2. Mesh Length: Custom, as selected by architect
  - 3. Mesh Attachment: Standard
  - 4. Mesh Attachment: Zip-top mesh
  - 5. Mesh Attachment: On the Right Track® mesh
  - 6. Mesh Attachment: Beaded chain or PVC drops
- G.** Panels
  - 1. Panel Width: 60 inches (1524 mm) with 10 acoustical sound-absorbing inserts per panel
  - 2. Panel Width: 36 inches (914 mm) with 6 acoustical sound-absorbing inserts per panel
  - 3. Panel Length: 88 inches (2235 mm) including 18 inch (457 mm) standard mesh length
  - 4. Panel Length: 94 inches (2388 mm) including 18 inch (457 mm) standard mesh length
  - 5. Panel Length: 99 inches (2515 mm) including 18 inch (457 mm) standard mesh length
  - 6. Panel Length: Custom: As selected by architect
  - 7. Panel Attachment: Snaps
  - 8. Panel Attachment: Zipper
  - 9. Panel Weight Including Inserts: Not to exceed 2.4 pounds per linear foot (3.6 kg/m)
  - 10. Hems and Seams: Finished
  - 11. Clearance Off Floor: 4 to 6 inches (102 to 152 mm) as selected by architect
- H.** Components
  - 1. Grommets: No. 0 nickel hook grommets at approximately 6 inches on center at top of curtain



- 2. Acoustical Inserts: 1/2-inch (13 mm) thick by 4-1/2 inches (114 mm) wide; Class A fire rated; Encased in FR poly wrap
- 3. Seams: Articulating seams to minimize stack dimension
- I. Track
  - 1. Suspended-Mounted Track: CS 6062 Aluminum Cubicle Track, 1-3/8 inch (421mm) wide x 3/4 inch (229mm) deep
  - 2. Surface-Mounted Track: CS Narrowline Aluminum Cubicle Track, 29/32 inch (23 mm) wide x 11/16 inch (17 mm) deep
  - 3. Carriers: CS Cubicle Curtain Carriers 1062N virgin nylon axle with nylon wheels complete with nickel-plated brass dual hook assembly. Provide one carrier for each 6 inch (203 mm) of cubicle curtain width. Breakaway carrier option (8 -10 lb pressure limit).
  - 4. Straight and curved configuration as indicated on the drawings
  - 5. Aluminum Finish: Clear anodized aluminum or powder coat finish.
- J. Track with Hookless Rings
  - 1. Track Mounting: Surface-mounted
  - 2. Track Mounting: Suspended
  - 3. Track: CS On the Right Track System, 3/8 inch (10 mm) wide x 1-1/2 inch (39 mm) high
  - 4. Rings: Hookless® rings integrated into the curtain for quick removal. Include CS The Grabber® loading tool, quantity as recommended by manufacturer based on project size.
  - 5. Straight and curved configuration as indicated on the drawings

### Part 3 – Execution

#### 3.1 Examination

- A. Examine existing conditions to determine that they are suitable for installation. Proceed with installation only when unsatisfactory conditions have been corrected.

#### 3.2 Installation

- A. Install cubicle curtains in accordance with manufacturer's instructions, approved submittals and in proper relationship to adjacent construction:
  - 1. Clean substrates of projections and substances detrimental to application.
  - 2. Mechanically attach tracks using manufacturer's recommended anchors and attachment devices.
  - 3. Install accessories and curtains and test for proper operation. Adjust until proper operation is achieved.
  - 4. Replace damaged or soiled units.

#### 3.3 Adjusting and Cleaning

- A. Adjust units for proper position, uniform appearance and operation.
- B. Clean exposed and semi-exposed surfaces using materials acceptable to manufacturer.