

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

laundrying

E. Mesh: None (if using PVC drops or bead chain drops)

F. Mesh: Type B, 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.