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 repellant

 **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.