

**SECTION 10 21 00
CUBICLE CURTAINS**

PART 1 - GENERAL

1.1 DESCRIPTION

This section specifies cubicle curtains.

1.2 RELATED WORK

Section 10 21 23, CUBICLE CURTAIN TRACKS.

1.3 PERFORMANCE REQUIREMENTS

A. Curtains: Provide curtain fabric with the following characteristics:

1. Fabrics shall be flame resistant and are identical to those that have passed NFPA 701 when tested by a testing and inspecting agency acceptable to authorities having jurisdiction.

- a. Identify fabrics with appropriate markings of applicable testing and inspecting agency.

1.4 SUBMITTALS

A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, and SAMPLES.

B. Product Data:

Include durability, laundry temperature limit, fade resistance, and fire test response characteristics for each type of curtain fabric indicated.

C. Shop Drawings: Showing layouts and types of cubicles, size of curtains, number of carriers, anchorage details, and conditions requiring accessories. Indicate dimensions taken from field measurements.

D. Samples for Initial Selection: For each type of curtain material specified.

E. Samples for Verification: For each type of product required. Samples of size indicated below.

1. Curtain Fabric 305 mm (12 inches) square swatch. Mark top and face of material.

2. Mesh Top: Not less than 100 mm (4 inches).

1.5 DELIVERY, STORAGE AND HANDLING

A. Deliver material in original package marked to identify the contents, brand name, and the name of the manufacturer or supplier.

B. Store in dry and protected location. Store so as not to tear or rip the fabric or mesh.

- C. Do not open packages until contents are needed for installation, unless verification inspection is required.

1.6 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install cubicles until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, work above ceilings is complete, all painting is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for project when occupied for its intended use.

PART 2 - PRODUCTS

2.1 CUBICLE CURTAINS:

- A. Header strip shall frame the open mesh in fabric matching the body of the curtain. Rustproof grommets shall be placed 150 mm (6 inches) on center and double reinforced in matching fabric. Curtains shall be fully washable, comply with the latest state, federal and Veterans Administration standards for fire retardancy and openness, and guaranteed to maintain dimensional stability for the life of the curtain.
- B. All Cubicle Curtains shall conform to the following specifications:
 - 1. All curtains shall be launderable to a temperature of not less than 71 degrees C (160 degrees Fahrenheit).
 - 2. All curtains shall be flame resistant and shall be identical to those that have passed NFPA 701 when tested by UL or another testing and inspecting agency acceptable to authorities having jurisdiction.
 - 3. Fabric must be treated (Nano-Tex, Duratex, or manufacturer's equivalent) or the fibers must be inherent with anti-microbial treatment for protection against MRSA and bacterial growth.
 - 4. Curtain top shall contain no less than 460 mm (18 inch) of mesh with 13mm (0.5 inch holes). Overlap seams and double-lock stitch to body of curtain.
 - 5. Provide curtains fabricated to comply with the following requirements:
 - a. Width: Equal to track length from which curtain is hung plus 10-15 percent.
 - b. Length: Equal to floor to ceiling height minus 460 mm (18 inches) from finished ceiling at top and 305 - 380 mm (12 - 15 inches) above finished floor.
 - c. Top Hem: Not less than 25 mm (1 inch) and not more than 40mm (1.5 inches) wide, triple thickness, reinforced with integral web and double stitched.

- d. Grommets: 2 piece, rolled-edge, rustproof, nickel-plated brass #0 and spaced not more than 150mm (6 inches) on center.
 - e. Bottom and side hems: Not less than 25mm (1 inch) wide, reinforced, triple thickness and single stitched.
 - f. Seams: Not less than 13mm (0.5 inch) wide, double turned and double stitched.
- C. Curtain Grommets: Two-piece, rolled-edge, rustproof aluminum; spaced not more than 150 mm (6 inches) on center; machined into top hem.
- D. Curtain Mesh Top: No. 50, 460 mm (18 inches) high, 13 mm (0.5 inch) Hole flame resistant nylon mesh, color: White.
- E. All cubicle curtains shall have a sewn on identifying label which shall indicate all fabrics with appropriate markings of applicable testing and inspecting agency for fire resistance. The label shall also indicate the size of the curtain and the specific location(room#) within the project space that the curtain is intended for.
- F. A spare set of cubicle curtains shall be provided (each in a clear plastic bag) for each location designated to receive curtains. The spare set shall also include the sewn on identifying label.

2.2 MEASURING AND INSTALLATION:

- A. Installation shall be the complete responsibility of the contractor to obtain accurate dimensions at the job site and to examine all conditions as they relate to this installation.
- 1. Final field measuring shall be completed and reviewed with Interior Designer POC of project prior to final installation and order entry.
- B. Environmental Limitations: Do not install cubicles until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, work above ceilings is complete, and ambient temperature and humidity conditions are maintained at the levels indicated for project when occupied for its intended use.
- C. Skilled drapery installers shall perform installation. All work must be accomplished in a neat and professional manner following established trade practices.
- D. Installers shall trim, level and secure all hardware using fasteners appropriate to the mounting surface. They will adjust all products to insure a smooth and proper fit and operation. Install tracks level and plumb, according to manufacturer's written instructions.

1. Curtain Track Mounting: Surface.
- E. Track Accessories: Install splices, end caps, connectors, end stops, snap outs, and other accessories as required for a secure and operational installation.
- F. Curtain Carrier: Provide curtain carrier adequate for 150 mm (6 inches) spacing along full length of curtain.
- G. Installers shall leave the area clean and free of all debris resulting from the installation. The installation crew shall notify the VA COR, before commencing the installation, of the proposed installation schedule for the VA's approval. Additionally, the installing crew shall obtain a signed "Letter of Satisfaction" from the VA COR, prior to final departure from then job site.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. The installers shall examine substrates and conditions, with VA COR present, for compliance with requirements for installation tolerance, and other conditions affecting performance of work.
 1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. The installation shall be guaranteed to be free from all defects in materials or workmanship for a period of not less than one year from the date of delivery. All products found to be defective within this period shall be replaced, with the cost of replacement, including shipping charges, to be borne by the contractor.
 1. Curtains: Hang curtains on each curtain track.

3.3 ACCEPTANCE

- A. Curtains shall be installed neat and true, and securely attached to the track on carriers to hang straight and level.
- B. Carrier units shall operate smoothly and easily over the full range of travel.

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