

SECTION 10196
CUBICLE CURTAINS

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division-1 specification section, apply to work of this section.

1.2 SECTION INCLUDES:

- A. Overhead metal curtain track and guides.
- B. Curtains.

1.3 REFERENCES

- 1.4 NFPA 701 - Fire Tests for Flame Resistant Textiles and Films.
- 1.5 UL (Underwriters Laboratories, Inc.) - Flammability Test 214.

1.6 SYSTEM DESCRIPTION

- A. Track: Surface mounted.

1.7 PERFORMANCE REQUIREMENTS

- A. Track: Support vertical test load of 50 lbs without visible deflection of track or damage to supports or ceilings.
- B. Track Size: Safely support moving loads.
- C. Track and Mounting: Sufficiently rigid to resist visible deflection and without permanent set.

1.8 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Shop Drawings: Indicate a reflected ceiling plan view of curtain track, hangers and suspension points, attachment details and schedule of curtain sizes.
- C. Product Data: Provide data for curtain fabric characteristics and flame-smoke rating.
- D. Samples: Submit two fabric samples illustrating fabric color.
- E. Submit 12" x 12" sample patch of curtain cloth with representative hem stitch detail, heading with reinforcement, and carrier attachment to curtain header.
- F. Submit 12" sample length of curtain track including typical splice and wall and ceiling hanger and escutcheon.
- G. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention.

1.9 MAINTENANCE DATA

- A. Submit under provisions of Section 01700.

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- B. Maintenance Data: Include recommended cleaning methods and materials and stain removal methods. Note cleaning methods deleterious to maintaining low flammability standards.

1.10 REGULATORY REQUIREMENTS

- A. Conform to applicable code and NFPA 701 for flame/smoke rating requirements in accordance with ASTM E84 for curtain fabric.

1.11 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, protect and handle products to site under provisions of Section 01600.
- B. Accept curtain materials on site and inspect for damage.

1.12 FIELD MEASUREMENTS

- A. Verify that field measurements are as indicated on shop drawings.

PART 2 PRODUCTS

2.1 TRACK MATERIALS

- A. Track: Extruded aluminum sections one piece per cubicle track run.
- B. Track Ends Stops, Tees, Y's Switches: To fit track section.
- C. Wand: Aluminum hollow section, attached to lead carrier, for pull-to-close action.
- D. Exposed Track Surfaces: Clear satin anodized finish.

2.2 CURTAIN MATERIALS

- A. Curtain: Close weave nylon, anti-bacterial, self-deodorizing, sanitized, preshrunk, flame proofed to UL 214 or NFPA 701.
- B. Curtain: Color selected from manufacturer's standard rang.
- C. Open Mesh Cloth: Fully edge bound, open weave to permit air circulation; flameproof material, same color as curtain, 18" to 24" width.

2.3 CARRIERS AND HARDWARE

- A. Nylon axle and wheel carriers with nickel plated brass beaded chain and polished aluminum hook.
- B. Curtain Carriers: Nylon roller to accurately fit track; designed to eliminate bind when curtain is pulled, fitted to curtain to prevent accidental curtain removal,

2.4 FABRICATION

- A. Manufacture curtains of one piece, sized 10% wider than track length. Terminate curtain 15" from floor.
- B. Include open mesh cloth at top of curtain for room air circulation.
- C. Curtain Heading: Triple thickness 2" wide, with metal grommet holes for carriers 6" oc; double fold bottom hem 2" wide included lead weights. Lock stitch seams in two rows. Turn seam edges and lock stitch.

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- D. Fabricate track bend with minimum 12" radius, without deforming track section, or impeding movement of carriers.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that surfaces and above ceiling supports are ready to receive work. Do not anchor track to finished ceiling unless ceiling support is designed to accommodate stresses encountered during curtain operation.

3.2 INSTALLATION

- A. Install curtain track secure and rigid, true to ceiling line.
- B. Install end cap and stop device.
- C. Secure track to ceiling system.
- D. Install curtains on carriers ensuring smooth operation.

END OF SECTION