

**SECTION 10 21 23
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

- A. ASTM E84 – Standard Test Method for Surface Burning Characteristics of Building Materials
- B. NFPA 701 - Fire Tests for Flame Resistant Textiles and Films
- C. UL (Underwriters Laboratories, Inc.) - Flammability Test 214

1.4 SYSTEM DESCRIPTION

- A. Track: Surface mounted.

1.5 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.

1.6 SUBMITTALS

- A. Submit under provisions of Section 01 33 00.
- B. Provide shop drawings indicating a reflected ceiling plan view of curtain track, hangers and support 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 hemstitch 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.

1.7 MAINTENANCE DATA

- A. Submit under provisions of Section 01 77 00.
- B. Maintenance Data: Include recommended cleaning methods and materials and stain removal methods. Note cleaning methods deleterious to maintaining low flammability standards.

1.8 REGULATORY REQUIREMENTS

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

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, protect, and handle products to site under provisions of Section 01 60 00.
- B. Accept curtain materials on site and inspect for damage.

1.10 FIELD MEASUREMENTS

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

PART 2 PRODUCTS

2.1 TRACK MATERIALS

- A. Provide a track of extruded aluminum sections one piece per cubicle track run.
- B. Track ends stops, tees, and Y's switches to fit track section.
- C. Wand is an aluminum hollow section, attached to lead carrier, for pull-to-close action.
- D. Provide clear satin anodized finish exposed track surfaces.

2.2 CURTAIN MATERIALS

- A. Provide a closed weave nylon curtain with, anti-bacterial, self-deodorizing, sanitized, preshrunk, and flame proofed to UL 214 or NFPA 701.
- B. Color selected from manufacturer's standard range by Architect/District Coordinator.
- C. Provide open mesh cloth with a fully edge bound, open weave to permit air circulation; flameproof material, of the same color as curtain, 18" to 24" width at top of curtain.

2.3 CARRIERS AND HARDWARE

- A. Nylon axle and wheel carriers with nickel-plated brass beaded chain and polished aluminum hook.
- B. Provide curtain carriers of nylon roller accurately fitting the 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.
 - 1. Terminate curtain 15" from floor.
- B. Include open mesh cloth at top of curtain for room air circulation.
- C. Curtain Heading:
 - 1. Triple thickness 2" wide, with metal grommet holes for carriers at 6" oc; double fold bottom hem 2" wide included lead weights.
 - 2. Lock stitch seams in two rows.
 - 3. Turn seam edges and lock stitch.
- 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.
- B. Do not anchor track to finish ceiling unless properly 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