

**GENERAL**

This Section includes the following types of stage curtains, if applicable: front-setting curtains including valance, front curtain, and tormentors; intermediate-setting curtains including valance, intermediate curtains, and intermediate legs; cyclorama-setting curtains including borders, legs, travelers, and rear curtain; scrim; sky drop.

Specify firms experienced in producing stage curtains similar to those indicated for a Project that have a record of successful in-service performance, and with sufficient production capacity to produce required units without causing a delay in the Work. Curtains shall be certified to be flame resistant (according to requirements of NFPA 701). Require labels to each curtain indicating whether curtain is permanently and inherently flame resistant, or whether it will require retreatment after dry cleaning.

**Design Guidelines**

Front setting: Intermediate setting and cyclorama settings minimum requirement (can use heavier weight fabrics).

Woven Cotton Velour: Napped fabric of 100 percent cotton; 54-inch minimum width; not less than 40 backing ends per inch, 40 pile ends per inch, and 32 picks per inch; 640 pile tufts per square inch; and other characteristics as follows:

Medium Weight: Fabric weighing not less than 20 oz. per linear yard before flameproofing, with pile height approximately 105 mils.

Lining: Yarn-dyed denim cloth of 100 percent cotton, woven in a warp-faced twill; 54-inch minimum width.

Sharkstooth Scrim: Open-weave, light-weight gauze fabric of 100 percent cotton weighing not less than 7 oz. per linear yard; 30-foot minimum width. Color: Black or blue.

Muslin: Sheer, plain-woven fabric of 100 percent uncombed cotton weighing not less than 6 oz. per linear yard; 100-inch minimum width. Color: Grey or blue.

Steel Pipe: Grade A, black, standard weight (Schedule 40), 1-1/2-inch nominal diameter. All clamps and anchors shall be steel and have a galvanized finish. Support chain shall not be less than 1/4" in diameter.

Head Channel: The head channel shall be chemically-treated steel. It shall be "U" shaped with rolled edges at the top

Specify not less than 50 percent additional fullness for curtains with vertical seams. Do not use fabric cuts less than half width. Specify fabricate velour curtains with the nap down. Specify vertical hem, leading edge turnback, top and bottom hem and pleats. Tracks material requirements to be a minimum of 14 gage steel and require galvanized finish.

Draw Curtain Machines: Specify idler wheels, disconnect switch, automatic overload protective breaker, and manual facility for conversion to hand operation. Motor to have a three-position momentary contact toggle switch to provide reversing action at any point on track. Do not specify motor rated less than 1/3 hp.

Specify curtain installer to warranty the entire curtain system including motors, fabric, and supports unconditionally for a period of two years following the date of Substantial Completion. After this period all other Manufacturer Warranties shall be in effect. Require installer to notify the Owner for a system inspection at 6-month intervals during Warranty Period.

**END OF SECTION 11062**