

# 92085000 - CENTER-ROLL GYMNASIUM DIVIDER CURTAIN

CENTER-ROLL TORQUE ARM DOUBLE MOTOR GYMNASIUM DIVIDER CURTAIN  
MAXIMUM 120'-0" LENGTH OR 3,000 SQ. FT.

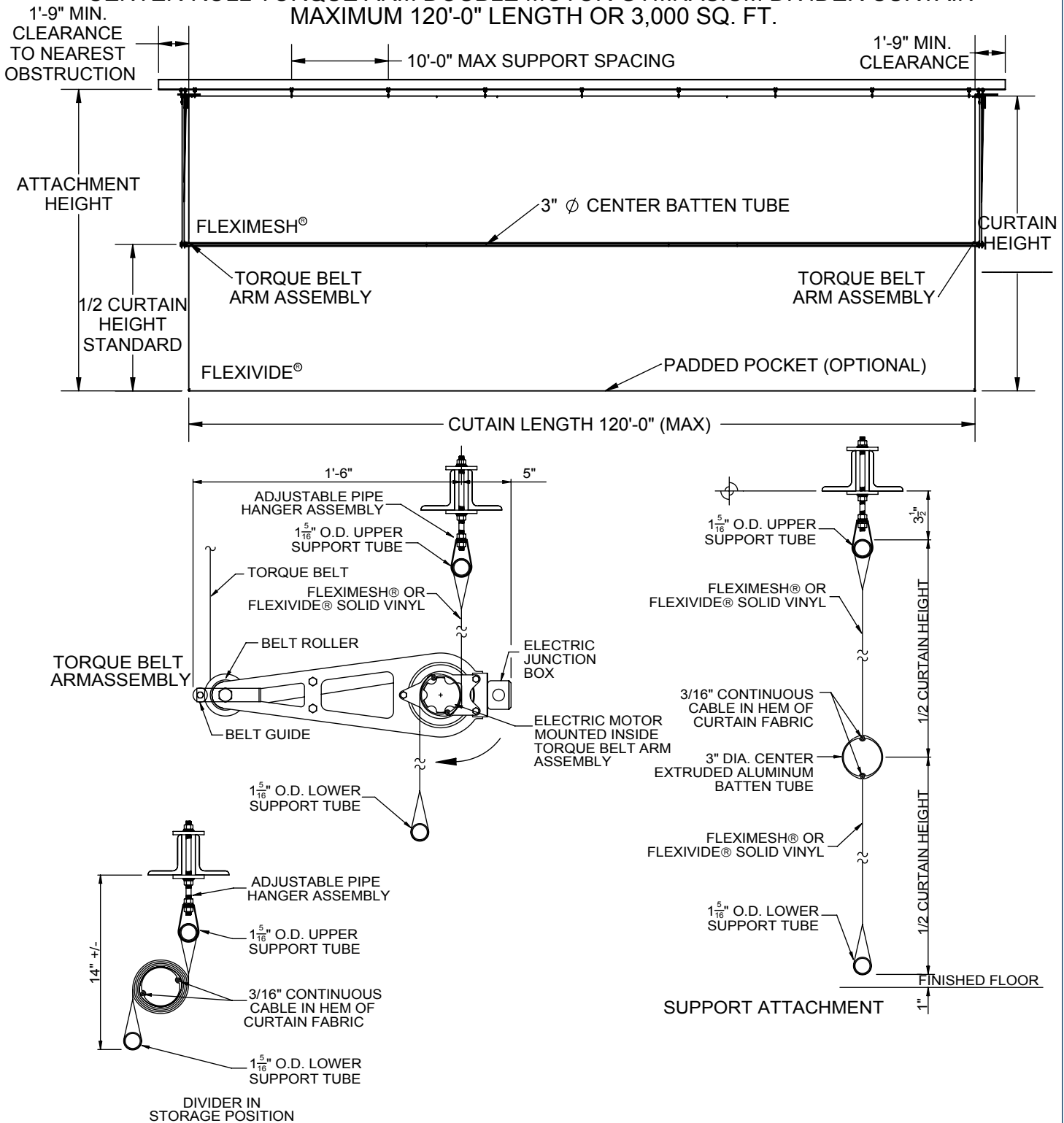
PORTER

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CURTAIN SPECIFICATION SHEET

C-2085

7/10/2019



\_\_\_\_\_ - 92085000 CENTER-ROLL DIVIDER CURTAIN

- \_\_\_\_\_ - CURTAIN HEIGHT
- \_\_\_\_\_ - CURTAIN LENGTH
- \_\_\_\_\_ - FLEXIMESH® SELECTION (SEE SMPL00048036)
- \_\_\_\_\_ - FLEXIVIDE® SELECTION (SEE SMPL00048035)

**porter**  
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PROJECT NUMBER \_\_\_\_\_

PROJECT NAME \_\_\_\_\_

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MAXIMUM 120'-0" LENGTH OR 3,000 SQ. FT.

## SPECIFICATIONS

The 2085 Curtain is available in the following configurations:

- Solid and Mesh
- All Solid
- All Mesh
- Solid and Mesh with Padded Bottom Tube
- All Solid with Padded Bottom Tube
- All Mesh with Padded Bottom Tube

Gym divider curtain shall be center roll-up type compactly storing to a height not to exceed 14" (35.56cm) below structural attachment support without the use of hoist cables or belts. Minimum curtain height shall be 18'-0" (5.48m).

Lower half of curtain shall be of Flexivide® solid vinyl, polyester reinforced 19 oz. vinyl coated fabric (per square yard, containing antibacterial, fungi-resistant and flame-retardant chemicals, meets NFPA-701 large scale, ULC S-109 large and small scale, and State of California test requirements). Upper half of curtain shall be of Fleximesh®, designed for air breathing areas in gym dividers, tennis screens or other custom air transfer applications. Fleximesh® material shall be an open polyester type interlocking grid weave coated with polyvinyl chloride with an approximate 45 to 50% open area. Weight of material – 8oz. per square yard. Flame resistant (meets California Health and Safety Code Section 13115 Large and Small Scale Test, Fed. Std. 191A, CPAI-84, NFPA 701, BIFMA F-1-78, MSHA-155).

Top and bottom of curtain shall be fabricated with a pocket to conceal continuous, 1-5/16" (33.3mm) O.D. tubes extending the full length of the fabric to ensure proper support. Top tube shall be supported from the overhead support structure with threaded rod-type support fitting to provide proper horizontal alignment with floor.

The bottom edge of the upper section and the top edge of the lower section shall be hemmed and contain a 3/16" (4.75mm) diameter cable to fit and hold the curtain sections in a 3" OD (76mm) grooved center drive anodized aluminum batten tube. Upper and lower curtain sections shall roll flat and compact to the overhead storage position by means of dual tubular-type motors (115 volt, 3.8 amp each, single-phase), gear reducer, brake mechanism concealed inside the horizontal batten tube. Motors shall be equipped with up and down, push-button type limit switches and an automatic reset, thermal overload protection. Electrical power to each motor shall be accomplished by means of a self-retracting cable reel system. The torque reaction of the motors shall be contained in a special, cantilevered-type tension strap mechanism that automatically retracts as the curtain is raised to the storage position. (The use of a torque strap-type operation is necessary when at least one end of the center batten tube does not extend to a wall or column.)

Curtain raises or lowers at a rate of approximately 26' / minute.

### Winch Control Systems:

- Key switch control (provided as standard, unless optional control system is specified)
- Sportsonic® II Radio Control System
- Sportsonic® II Radio Control / Key switch system
- Powr-Touch® 2.5 Key Pad Control System
- Powr-Touch® 5 Touchpad Control System

### OPTIONAL SPECIFICATIONS

- Bottom Pad: Bottom support tube shall be encased in a 2-1/8" O.D., closed cell shock absorbing type protective foam rubber padding.
- Torque Arm Safety Strap (No. 797)

### WARRANTY

- 2080 curtains come with a 5 year limited warranty.
- Other components may be covered by their own extended warranty.

### ACCESSORIES

- Floor Hockey Curtain Pad (No. 00357012)
- Audible Motion Alarm (No. 12005100)

### COLOR OPTIONS

#### **FLEXIVIDE®**

- See SMPL00048035

#### **FLEXIMESH®**

- See SMPL0048036

### LEED® SUBMITTAL INFORMATION

Credit	Measure
MRc4-Recycled Content	Post Consumer Average 10.0%      Post Industrial 0%
MRc5-Regional Materials	Raw materials originate from multiple sources so origin point cannot be determined. Final Manufacturing/Assembly in Champaign, IL 61822