



# CARRON NET COMPANY, INC.

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## Divider Net and Curtain Planning Guide

In determining the selection, construction and installation of divider nets and curtains, several factors should be considered. These include:

### 1. **Curtain/Net Installation Style** –

- a. Walk-Draw – To suspend the curtain/net, you can use:
  - i. Cable Assembly – This option works well for Court Divider Nets and lighter weight Gym Divider Curtains. Heavy dividers or long spans ( $\pm 80'$  or more) may require additional reinforcements or a heavier duty suspension option. Cable allows for straight-line net installations only.
  - ii. Aluminum Track – A track with carriers supports 2 lbs per lineal foot of hanging weight and can be suspended from ceiling joists, a pipe “backbone”, or from cables/chains attached to the ceiling to which Court Divider Nets or Gym Divider Curtains can be attached. Track can be shaped to allow for curved net installation.
- b. Fieldhouse Nets – Carron Net does not specify or provide mechanical curtain lift systems, but manufactures nets and curtains to operate with systems designed by others. Contact the factory for additional information on these types of applications.

### 2. **Size** - Determine hanging height to floor and width of space to be divided. The length of the net/curtain itself may be adjusted for additional fullness once installed (commonly $\pm 10\%$ of space width).

### 3. **Materials** – There are three types of materials that can be used for a gym divider.

- a. Vinyl – Opaque
  - i. 18 oz. - available in gray, white, royal blue, yellow, green, black & red. Typically used in Gym Divider Curtains.
  - ii. 13 oz. – available in red, white, blue. Typically used for Tennis Court Backdrops and other lighter weight applications.
- b. Scrim - white PVC coated polyester mesh that allows air and light to pass through divided areas.
- c. Nylon Netting – Knotted or knotless, twine gauges from #12 to #96 and mesh sizes from  $\frac{3}{4}''$  to  $4''$ . Select from stock options based on application.



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4. **Binding** – Options include:
  - a. Vinyl (1", 1.5", etc). Requires grommets (generally on 1' centers) on top edge for suspension.
  - b. Tape (3/4" finished width polyester). Can also include grommets.
  - c. Rope (5/16" polypropylene).
5. **Bottom Edge Finishing** – to help a net or curtain retain its position when impacted and aid in ball/object retention. Options include:
  - a. Extra height – typically only used in Court Divider Nets, an additional 6" to 1' of netting is added to the height. A relatively inexpensive solution, but netting will lay/drag on floor, may wear prematurely or be a trip hazard.
  - b. Kick panel – a section of vinyl (typically 1') can be added to the bottom of a Court Divider Net to provide ballast and additional wear resistance at ground level. This option may slightly affect how small the net "stacks" when in the stored position.
  - c. Vinyl pocket with chain weight – a pocket with chain weight inserted is attached to the bottom edge of a Court Divider Net or Gym Divider Curtain for additional ballast and ball/object retention. This option will affect how tightly the net/curtain "stacks" when in the stored position. The chain pocket also significantly affects the hanging weight of the net/curtain and may necessitate additional support, especially on tensioned cable installations. Optionally, Carron can install a vinyl sleeve which may suffice in the same fashion as would a kick panel but through which a chain can be pulled once installed should additional weight be required for desired functionality.

This guide is intended to be a helpful first step in the process of ordering a divider net or curtain. This information will assist us in ensuring that the curtains/nets you order will meet your needs. Please contact us should you have any questions or need any additional information as you are assessing your application.