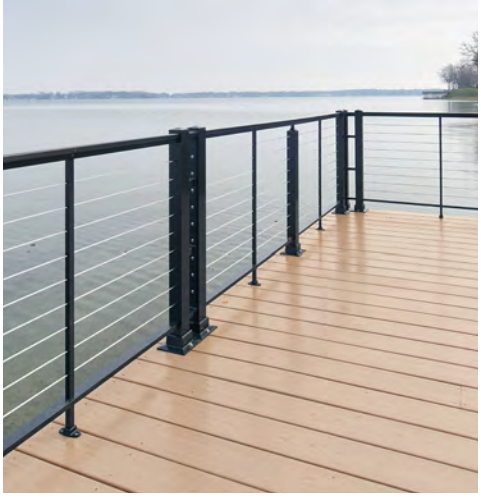
Superior Cable Railing

New SERIES 2000

Modern Styling with a Virtually Unobstructed View!

Meets OSHA, ADA and ICC safety criteria.



Superior Series 2000 Cable Railing is the perfect complement to any architectural design, indoors or out. It adds a truly modern and contemporary feel to any building and is an excellent choice for settings with a view.

It lends itself well to residential, commercial or public buildings, high-rises, condos, apartments, motels, balconies, parking decks, public walkways, backyard decks or any area where a contemporary look or a virtually unobstructed view is desired.

The stainless steel cables combined with aluminum post and rail assemblies make for a strong, durable and maintenance-free system that will last for a lifetime of use.

The cable is 3/16″ 1x19 Type 316 stainless steel cable. This type of cable has extremely high tensile strength and is constructed from 19 strands to prevent stretching.

Both posts and rails are reinforced for added strength. The posts are 2 1/2″ square and can be surface mounted, side mounted or embedded into concrete. The top rail has a 2″ wide gripping surface to meet federal, state and local codes.

Posts and pickets used in the cable rail system include double end posts, triple corner posts, single crossover posts, intermediate tension posts and center support pickets. Each post and picket has a vertical row of pre-drilled holes, spaced 3″ on center, to accommodate fittings or support the cable.

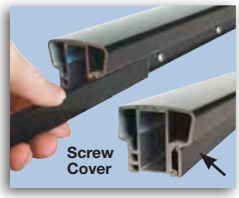
End, corner, crossover and intermediate tension posts can be placed up to 6′ apart, however cable spans should not exceed 3 1/2′ to minimize deflection. Minimally sized center support pickets (only 3/4″ square) can be placed in between to meet maximum span requirements while providing an optimum view.

For step railing, the exact degree of slope is needed prior to fabrication so pre-drilled holes can be elongated to accommodate the angle and ensure that the cable runs in a straight line.

Superior Cable Railing is available in any height. Standard heights include 42″ for commercial and 36″ for residential.

Gates are available upon request.

NEW! Concealed Picket Screws



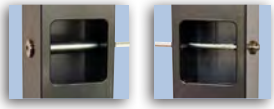
A new product design for Superior Railing features a screw cover to conceal picket screws on top and bottom rail assemblies for a cleaner, more streamlined look.

Machined Post Openings

Posts feature machined openings to accept top and bottom rails. This eliminates the need for brackets, resulting in a clean, rigid design with added strength.

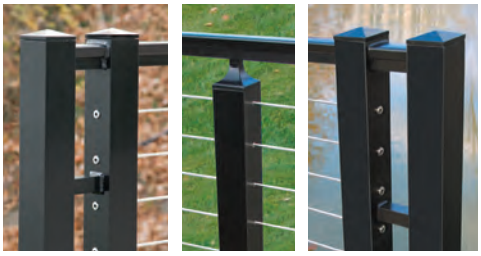
No Bulky Fittings!

When installed, fittings and tensioning devices are hidden inside the post with only the head exposed.



Finishes

Smart, decorative finishes add a distinctive touch. Whether baked-on enamel, anodized or duranodic, these finishes are guaranteed to endure for years of maintenance-free beauty.



Stainless steel cable runs through posts with minimal fittings for a sleek, modern look.

Cable Railing Tool Kit

Each cable order comes with a 3/16″ Allen Wrench with socket drive (A), a tension gauge (C) a cable gripping pliers (D) and 11 spring clamps (B).

Easy Assembly & Installation

Post and rail configurations are delivered pre-assembled with cables pre-threaded, except where shipping limitations prevent it. For any un-assembled sections, simply insert top and bottom rails into machined post openings, locate the positions for the posts and fasten down the hand rail system.

Clip-On Stop

Tension Stud

Un-assembled cables will come cut to length with fittings already swaged on. Each cable end will be fitted with either a clip-on stop or a tension stud.

Feed the cable, clip-on stop end first, through the pre-drilled holes in any intermediate posts and center support pickets towards the end post with 1/4″ pre-drilled holes.

Feed the cable through the end post and slide the washer over the body of the stop, recessed side out.

Place the U-shaped clip into the slot in the stop.

Pull the cable back through the hole, until the washer stops against the post, with the clip resting in the recess of the washer.

Attach a spring clamp on the cable next to the post to keep the clip-on stop end of the cable tight. This will prevent the washer and U-shaped clip from falling off until the tension end is tightened.

Repeat these steps for each cable until all spring clamps are attached.

Next, install the tension ends of each cable.

Tension Receiver

Slide the black washer over the body of the tension receiver, then feed the receiver through the hole in the back of the post with 1/2″ pre-drilled holes.

Feed the tension stud through the end post to meet the receiver. By hand, screw the receiver onto the tension stud at least 6 full turns.

Do not tension the cables completely until all the cables have been installed between the end posts.

Repeat these steps until each cable has been hand tightened.

Tensioning the Cable

After all cables have been installed, tension each cable to approximately 400 lbs.

Recommended Tensioning Sequence

Follow recommended tensioning sequence diagram, beginning with the cable nearest the center of the post.

Lock the cable gripping pliers on the cable approximately 1/4″ from the post to prevent the cable from twisting and insert Allen Wrench into the tension receiver.

Next, place the tension gauge on the cable you are tensioning with the cable running between the two nylon spools. Pull the lanyard downward until the nylon slider can be hooked on to the cable.

Read the needle position on the scale and refer to the calibration table to determine the tension. The gauge can be left on the cable for "hands free" adjustment.

Hold the cable gripping pliers with one hand and turn the Allen Wrench with the other until the correct tension is achieved.

Go back and double check the tension of each cable, as tensions may change as each cable is continuously tightened.

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