

### Attention to detail is the key to quality windscreen installation!

Correct installation of GAMMA Windscreen will ensure proper appearance and function, but improper installation will produce a poor appearance and shorten the lifespan of the windscreen. Utilizing the basic techniques outlined in this guide will result in the most aesthetic and professional installations.

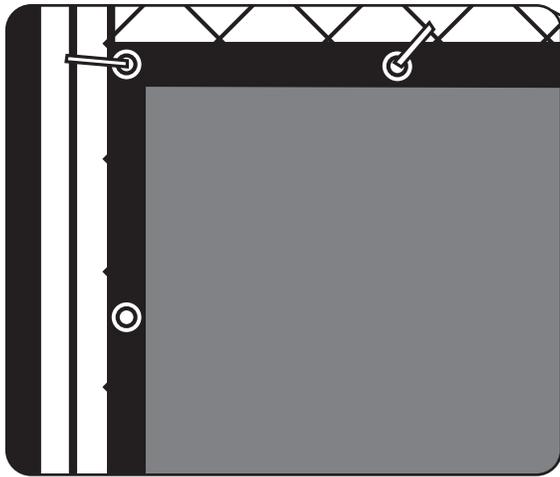


Figure 1.

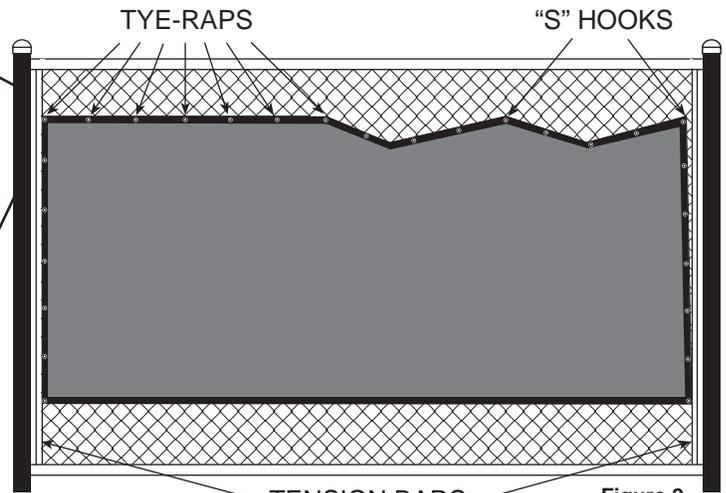
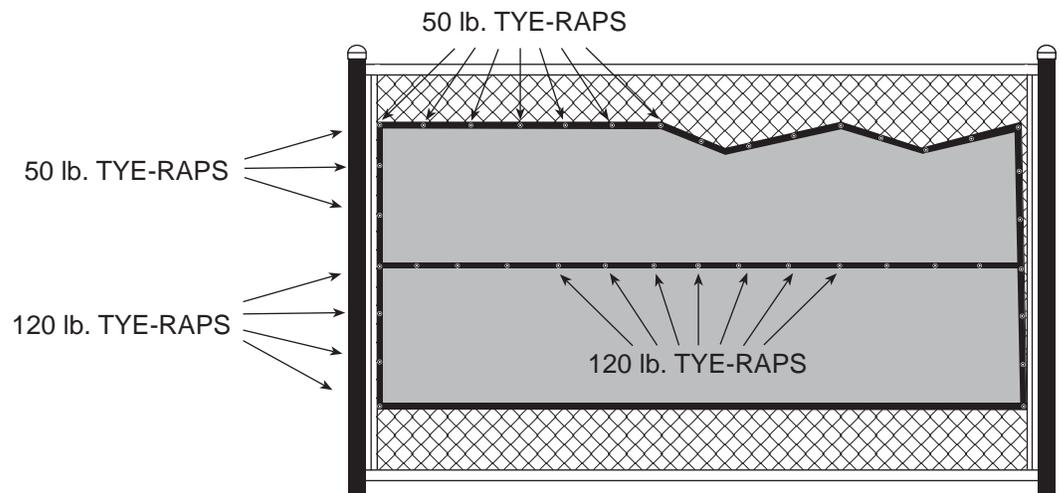


Figure 2.

### FASTENERS

“Ty-Raps” (also known as zip ties) are recommended over any other fastening devices because they hold GAMMA Windscreen flat against the fence while providing a level of safety during high wind conditions.



For maximum protection, a combination of 50lb. and 120lb. Ty-Raps is recommended. Install the 50lb. Ty-Raps along the top and halfway down the sides of the windscreen. Install 120lb. Ty-Raps along the bottom and half way up the sides of the windscreen. This technique is recommended so that during high wind conditions, the 50lb. Ty-Raps will break, allowing the top to fold over the bottom, keeping the fence from being blown down and the windscreen from flapping against the abrasive court surface. This decreases the chance of wind damage, which is the number one cause of windscreen deterioration.

These instructions describe hanging windscreen starting on the left end and working toward the right end. If you are hanging windscreen from the right end toward the left end, simply reverse the directions. All of the many different types of screening fabrics are delivered as either rolled goods (rolled fabric with a reinforced edge) or panels (usually custom cut with hems and grommets). Installation is similar for both of these styles of product.

### PREPARING FABRIC

**For Panels:** Spread the panel along the length of the fence, then use 2 or 3 metal “S” hooks to hang the entire panel. This will make it easier to keep the top edge of the panel lined up, and to insert the Ty-Raps.

**For Rolled Goods:** Unroll the screen along the fence about 10 to 15 feet, depending on the wind. On windy days unroll shorter lengths as high winds make it difficult to install the windscreen flat to the fence and tight.

### **BEGIN UPPER LEFT**

Pick a horizontal row of chain link diamonds on the fence where you want the top of your windscreen to align. This will be your visual guide to keep the windscreen even all the way down the fence line. If the chain link is uneven you can use a level and stretch a string from tension bar to tension bar and use that as your reference.

**For Panels:** Line up the top edge of fabric so that it is even with your intended line of diamonds or string. Then line up the left end of your windscreen with the tension bar. Insert a Ty-Wrap in the top left corner to keep your position. Then use another Ty-Wrap to attach the windscreen to the tension bar. Check to make sure the top left corner of the windscreen is square (see Figure 1, A.).

**For Rolled Goods:** For rolled goods with unfinished ends, fold under 2" of material down the left edge of the fabric, create a hole using a hole-punch/awl, then insert the Ty-Wrap. This will give you a reinforced edge at the beginning. You will finish the other end the same way when you reach the tension bar.

Once the top left corner is squared properly, hang 5 Ty-Raps, each 1' apart along the top edge of the windscreen following the line of diamonds you previously selected or your leveling string. Angle the Ty-Raps slightly to the right to pull the screen flat and taut (see Figure 1, B.). Do not over tighten the Ty-Raps or you will create a wave effect along the top and bottom edges of the windscreen. Pull the Ty-Raps only tight enough to hold the windscreen tight along the top while keeping the fabric tight. You don't want to stretch the fabric, just keep it tight against the fence.

Now install Ty-Raps down the side of the screen following the inside of the tension bar. Again, place them at one-foot intervals and keep the material taut against the fence. For rolled goods, use your hold punch/awl to create Ty-Wrap holes through your folded fabric edge as you work your way down the tension bar.

### **CONTINUE HANGING**

**For Panels:** As you install Ty-Raps along the top keep moving the closest "S" hook ahead of you by about 5' (see Figure 2). This will keep the windscreen aligned along the top and save you time.

On the top of the screen stay about 5' ahead of your Ty-Rap installation on the bottom edge. When installing the bottom 120lb. Ty-Raps, pull the wrinkles out of the windscreen and keep it taut. With two people installing (one installing the top and one installing the bottom) you can get the job done quickly.

**For Rolled Goods:** Keep the unrolling material in front of you so you have room to work.

### **AT THE END**

**For Panels:** When the person installing the top reaches the end of the panel, install the final Ty-Rap then begin installing 50lb. Ty-Raps down the side until reaching the mid-point of the panel. At this point, pull the bottom right corner taut to remove any wrinkles. Now switch to 120lb. Ty-Raps and continue installing until you reach the bottom right corner.

**For Rolled Goods:** When the person on the top reaches the end of the roll or the tension bar, try to pull the windscreen flat to see where the edge should be. Then, cut about 3" in front of the edge and fold the excess windscreen underneath. Use your hole-punch/awl to make a hole in the top right corner and install a 50lb. Ty-Rap. Continue installing 50lb. Ty-Raps down the side every 12" through the folded edge until you reach the mid-point. At this point, pull the bottom right corner taut to remove any wrinkles. Now switch to 120lb. Ty-Raps and continue installing until you reach the bottom right corner.

### **REPEAT THE PROCESS**

Once the first section of GAMMA Windscreen is installed, continue hanging the remaining sections using the same technique.

### **WINDSCREEN CARE**

The number one cause of damage to a windscreen is wind whipping due to missing Ty-Raps. Make sure you regularly inspect your windscreen for missing or broken Ty-Raps and replace them immediately. Additional Ty-Raps can be purchased directly from GAMMA by calling 1-800-333-0337.