

## Windscreen Hanging Instructions

As the owner of Putterman Athletic's windscreen, you have a product that is warranted against defects in material and workmanship if properly installed and maintained. To do this, please note the following:

- Windscreen must be as taut to the fence as possible.
- Installation hardware must be used in every grommet – top, bottom, sides, and for 9' windscreens, through the center.

### TO START:

1. Each piece has been tagged with its size as given to us. If you prepared a diagram when you measured your fencing, merely match the sizes of the windscreens to the sizes indicated on your diagram.
2. There is a "right" side to your windscreen. The side which shows the folds of the hem should be hung toward the fence so that the smooth side is toward the playing area. Certain windscreens are "capped" as opposed to having hems, and in this case you will want the side with the sewn label on it as your back side.
3. If you have requested vents, there is also a top and bottom. The vents should be at the top. If you have ordered  $\frac{1}{2}$  &  $\frac{1}{2}$  (half open and half closed material, 9' high), then the open material should be on the top. If you have ordered your panel with vents staggered or stacked on top of each other, then you will need to use the points above to determine the front.

### POSITION:

1. Windscreens should always be hung on the court side portion of fencing when possible.
2. Windscreens should be hung off the ground. Generally, a 9' windscreen is hung 1' off the ground on a 10' (standard) tennis fence. Smaller sizes, such as a 6', should be hung no more than 2' off the ground.
3. Finally, position the windscreens on the fencing. To do this, stretch out the windscreens along the base of the fence to make sure the sizes are correct and no gaps between sections will occur.

**HARDWARE:**

We recommend installing windscreen with light duty (50 lb. ties) along the perimeter and polypropylene rope through the center grommet lip (or heavy duty 120 lb. ties along the bottom ONLY if there are no center grommets on the panel) as other forms of attachment may potentially lead to damage and risk voiding the warranty. Observe the following policies depending on typical windscreen heights:

- For 6' windscreen, use light ties with grommets along the top and sides and heavy ties along the bottom.
- For 9' windscreen, use light ties for all grommets along the perimeter and polypropylene rope through the center.
- For smaller panels like gates, transoms, and the like, use light ties for all grommets.

**1. Tie Wraps**

Make sure when securing tie wraps that they lock in such a way that only high wind pressure or cutting will remove them from the fence, and that leaving at least a 1" loop to allow for some give is recommended.

**2. Rope**

Cut your rope in sections approximately ten feet longer than the windscreen section you are installing. Burn the cut ends to fuse the loose strands to simplify its use. To save time, a good suggestion is to knot the rope in the center and lace the windscreen to the fence mesh beginning at mid-screen and working toward each end.

**INSTALLATION:**

1. Start at one end of the fence area to be covered. Lay out full panel along area to be covered. Attach top corner grommet to the fence with tie wrap. Then, attach along top, pulling cover taut with each grommet attachment for about 10'.

*Tip 1: Use a few "S" hooks to temporarily hang the panel on the fence. By "lifting" the panel, it lessens the weight and makes it easier to attach and tighten the tie wrap at the grommet.*

**Important!** Attach at every grommet. Do not skip grommets. Attachment at all grommets distributes the force when there is a high wind load. Using fewer grommets for attachment results in more load on attached grommets and greater chance of ties breaking. When windscreens break loose and whips against the fence, it can be damaged beyond repair in a few hours.

*Tip 2: Attach tie wrap to the fence in the direction the panel is being pulled (rather than slightly backward). As the tie is tightened, it will pull the cover taut. Make sure tie is secure, but don't over tighten tie wraps (Tightening the tie wraps too much might result in wrinkling of the windscreen and insufficient room to straighten out panel). After panel is completely attached, ties can be tightened more, if necessary, to minimize any remaining wrinkles.*

2. Go back to end and from top-to-bottom attach vertical edge to the fence all the way to the bottom, again pulling taut as each tie is secured.
3. Continue attachment along bottom for about 10' pulling the windscreen taut and making it as wrinkle free as possible.

*Tip 3: If two or more people are working on the panel, have one person begin attachment at the top and the second person at the bottom, working about 10' behind the first.*

4. After the first 10' of windscreen is attached at top and bottom, go back to the top and attach along the next 10', pulling taut.
5. Continue top/bottom attachment until panel is completely in place.
6. Continue installation with remaining panels using the same procedure.
7. On panels with center grommets strips, feed the lacing cord through the grommets and fence mesh. It is important to secure the center grommet strip as well as all grommets on the perimeter.

*Tip 4: Don't install on a windy day. Wind will complicate installation.*

REMEMBER – IT IS RECOMMENDED TO HANG WINDSCREEN

ON THE FENCE MESH ONLY, NOT ON POSTS OR CROSSBARS!

## Windscreen Maintenance

Proper maintenance of your windscreen will keep it looking sharp for years to come. There are a few critical points to keep in mind when maintaining your windscreen:

- Always replace windscreen ties that have broken as the more grommets that are unsecured, the greater the strain on the rest of the panel that can result in torn grommets and wind whip.
- Hose down your windscreen anytime you clean your court surface to prevent the excessive accumulation of weather-related pollutants (use a garden hose and not pressure washers or high velocity hoses as these may cause damage to your screens).
- In climates that get freezing temperatures, high winds and snow, we recommend that windscreens be taken down for the winter months and re-hung in the spring. If windscreens are left on fences during the winter in these areas, they must be at least rolled up or down and secured. If windscreens are not rolled or removed, extreme weather can cause damage which is not covered under the warranty.
- Before removing your windscreen for storage, hose it down and allow it to dry completely before storing.