

CourtPro™

# WINDSCREEN

A typical misconception of Windscreen is that it is used to block the wind; its true purpose is to provide a background for players to see the ball, as well as to help block visual distractions and noise from outside of the tennis court.

Typically windscreens come in two standard sizes, 6ft or 9ft high, and two standard colors, **Green** or **Black**. Custom sizes can be made to order as well as special colors. In choosing a windscreen, severe weather and fence strength should be considered. Windscreens greatly increase the stress on fencing during severe weather. If the fencing to which the screen is to be attached is not reinforced, open mesh and/or 6' screening also is suggested. Vents should be placed a maximum of 10' on center to help reduce the wind load on the fence for 6' windscreen and should be staggered top and bottom with placement a maximum of 5' on center for 9' windscreens.

WTC Premium Windscreen is our most popular windscreen; it's the "Traditional" tennis court windscreen made from 10oz. heavy-duty flexible-foamed PVC with a 80% shade factor. This product is custom made to your order, available in **Green** or **Black**. It is fabricated with solid brass #2 grommets placed every 12", finished with double lock-stitching using high quality UV resistant thread. Standard half moon vents are placed approximately every ten feet.



## Customized Logos



## Tyraps

Most common, meant to break away in heavy winds so that fence and windscreens are not damaged.

• Options:

- 50# & 120#
- 8" and 14.5"
- Pack of 100 or 1000
- Green or Black



## Poly Rope

4mm black braided polypropylene rope, used to secure windscreens.

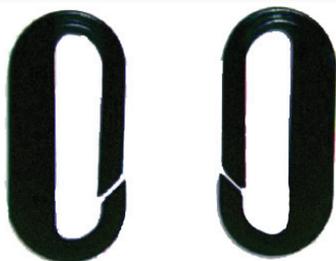
- 500 ft /roll



## Windscreen Clips

Used for hanging windscreens by either the top or bottom only. Also used for hanging divider netting. Each bag includes 100 clips.

- Weight: 1 lb



**Welch Tennis Courts**

Construction • Resurfacing • Court Supplies

**800-543-9111**

fax: 813-641-7795

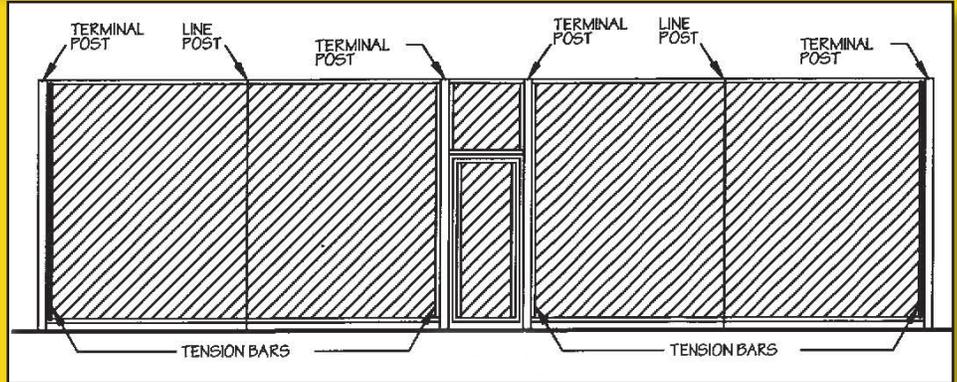
sales@welchtennis.com

www.welchtennis.com

## Measuring

### Fences

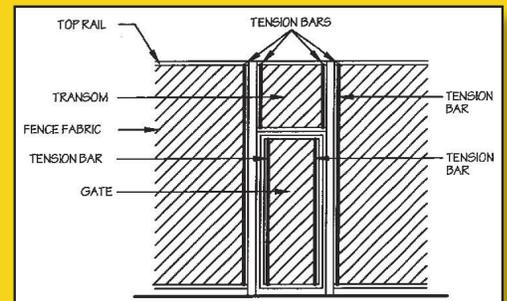
Begin measuring at a terminal post (corner). Pull the tape taut. Measure from the fence fabric side of the tension bar on one side to the fence fabric side of the tension bar on the other end. From this measurement deduct 3 inches to establish the actual size of your windscreen piece. Exact measurements are necessary, including feet and inches. Do not round off. No two fence configurations are identical. Make a diagram of your courts and use this as your map to locate the windscreen pieces,



this will help during installation as well as taking down, storing, and reinstalling later. The length of any one piece should not exceed 60'.

### Gates

The width of gates should be measured from the inside of the tension bar on one side to the inside of the tension bar on the other. The height of the gate should be measured from the bottom of the top rail to a point at the bottom where the panel should end on a line with the windscreen on the adjoining fence. Remember, windscreens often are installed 1' - 2' up from the bottom of the fencing and the windscreen on gates should be installed at the same height for a neat appearance.



## Installing Windscreen

Always hang the windscreen so that the seams and hems are toward the fence and the smooth side faces the court. First, fasten one top corner. Then, fasten the screen across the top, keeping it straight. Next, fasten the bottom, pulling the screen tight. Fasten the ends last. Be certain to use all grommets to affix the windscreen to the fence. Most commonly used are tyrapts which are inexpensive and can break away in a strong wind. Tyrapts come in various breaking strengths; the breaking strength chosen should not exceed the strength of the fence. Unfortunately, tyrapts generally last only one season since

they deteriorate due to exposure and since they must be cut for removal. Windscreen clips are also available, but should not be used in areas with high winds since they do not break away. If your windscreens are not properly anchored to the fence, the wind can whip it around and destroy it.

- If a grommeted center tape is used, lace it after the windscreen is attached.
- If plastic tyrapts are used, cut off any sharp, exposed ends to prevent player injury.

## Maintenance

Hose down windscreens occasionally. Repair tears immediately to prevent further damage. Always use all grommets to attach a windscreen in order to distribute stress evenly. Regardless of the type of fastener used to

attach windscreens, replace broken fasteners immediately. Any loose section of the windscreen will whip in the wind, causing stress on remaining grommets, pulling them out or tearing the windscreen.

## Storage

Removing and storing windscreens prolongs their useful life. Hose down windscreens and allow them to dry thoroughly before removing them for storage. Tag each section of screen and draw a diagram of the courts, indicating which section goes where. Remove the

screens, roll them (rather than folding them) and store them in order, beginning at one corner and moving around the court. Either boxes or large plastic garbage bags are suitable for storage.