



# SHADE SAILS

C A N A D A

## CUSTOM SHADE SAIL MEASURING GUIDE

### Please Note

Measurements must be taken clockwise from A->B->C etc... We recommend making a note of which posts correspond to each letter on the order form to ensure correct installation.

Measurements must be taken from a common reference point; either the eye of each of your anchor points or, if your hardware is not installed, the proposed location of the eye. We recommend marking this point so when you come to install your hardware, it is in the exact same location as the measurements you supplied us.

All our tensioned shade sails are manufactured with a 7% catenary curve. Please note the edges are **not** straight. 7% is the standard curve and represents the lowest 'dip' at the mid-point. For a different amount of catenary curve, please contact our office.

Our Commercial Light and Commercial Heavy fabric is not waterproof – misting will come through when raining. If sufficient slope is introduced rain will run-off but the fabric is still not waterproof.

Our fabric that is specifically designated as waterproof requires stringent design criteria with minimum slope specifications. All designs need to be approved. **Waterproof sails can never be flown flat.**

### Measuring for a Custom Shade Sail

Custom shade sails are made to fit your specifications exactly. To achieve a proper fit, the following directions must be followed precisely. Measurements should be to the nearest quarter inch (round down). The term "eye" refers to the point where the shade sail hardware is attached to when installing your sail.

## Is Your Anchor Point Hardware Installed?

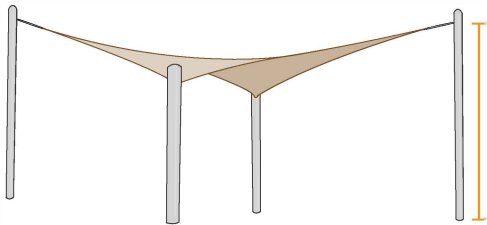
Before measuring, you must have your posts in place and/or, if attaching to a building, you must know exactly where the anchor points will be. You have two options when taking your measurements. 1) If you have already purchased your hardware, please follow the instructions below. 2) If you have yet to purchase your hardware or it is being shipped at the same time as your shade sail, you can measure from the intended anchor points (please mark these spots when measuring).

### Installing Anchor Points

If you have your hardware, before taking any measurements it's important that your eyes are positioned as they would be when flying your shade sail. Typically this would be either a screw eye or an eye bolt. Estimating the size and location of your attachment points will result in a bad fit.



To achieve a proper fit, you need to measure the space the shade sail will occupy - the space between the anchor points. To take this measurement properly, measure from the outside of each eye.



### Anchor Point/Post Heights

Anchor point heights can be varied for both aesthetic and functional purposes. Varying the height of your anchor points creates a hyperbolic shape, giving the appearance of multiple shade sails. This can aid with water runoff and shade later in the day if facing west.

For best results, we recommend a minimum height variance of 3 feet on diagonals but this will depend on the size of your sail.

### Hardware And Sail Size

Example of tether cable from anchor point A to corner A.



We compensate for the size allowance and allocation of hardware (this is NOT required of you). Speak to us about what specific wall mount or "eyes" you may need for your specific anchor points or check out our hardware page for what is available. Your sail comes with all the attachment and tensioning hardware attached to the appropriate corner of the sail, for BEST results watch our instructional install videos, which can be found in the FAQs section on our website.

Also, it is often possible to connect to existing structures with a stainless steel tether cable spanning the distance. When ordering or measuring for a custom sail with lengths of tether cable added (we suggest a maximum of 10'), **we still require point to point measurements**, then specify the length of the tether cable you want to add.

Please note: shade cloth has natural stretch and thus your sail will not come in the exact measurements you provide. Our software must calculate for stretch and consider this as well as allowances for all hardware.