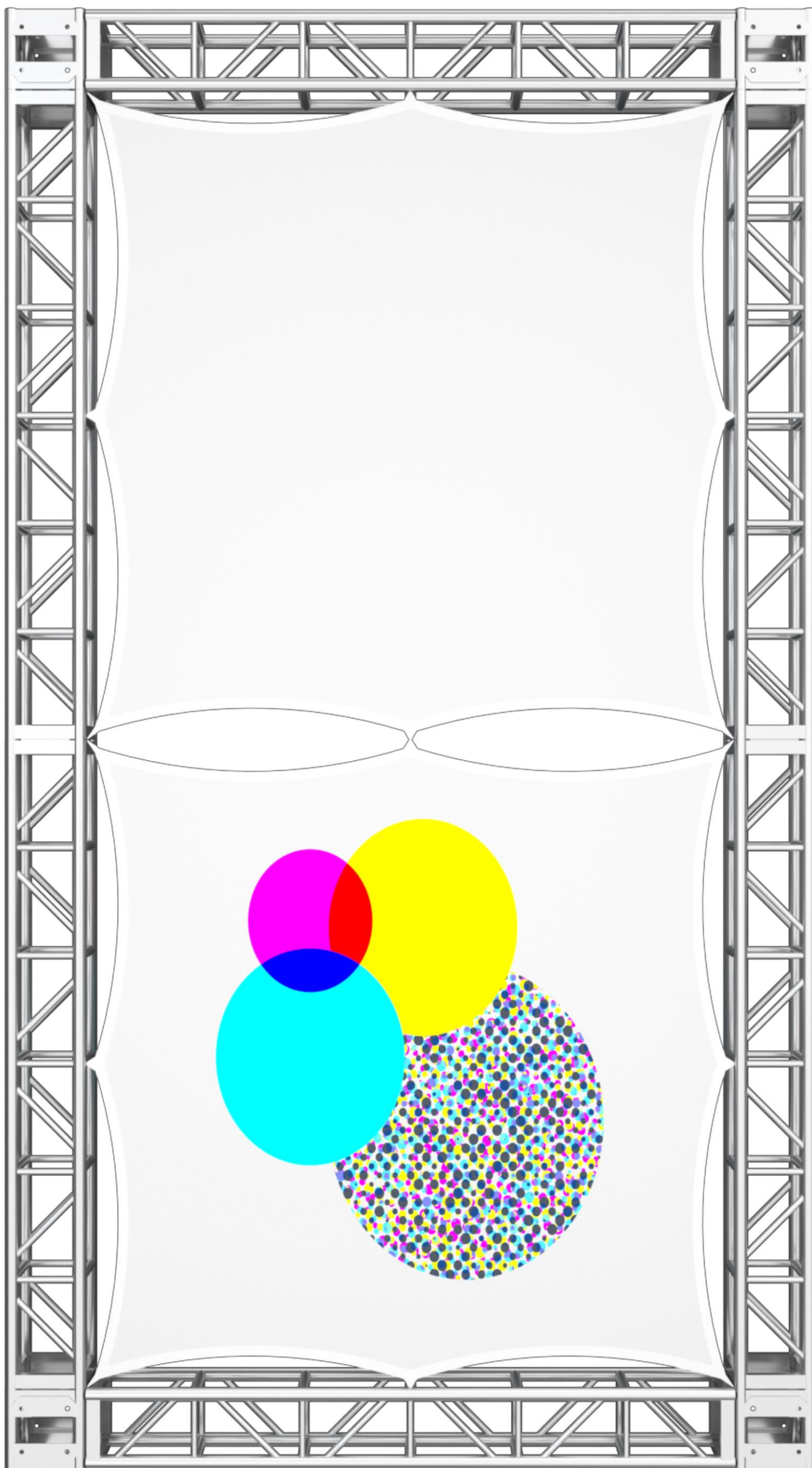


FLAT PANEL SAILS

INSTALLATION & MAINTENANCE GUIDE



VERSATILE. WRINKLE-FREE. COMPACT. RELIABLE.



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TABLE OF CONTENTS

- 1.0 Before You Install.....3**
 - Proper Fabric Handling3
 - Included Parts and Recommended Tools3

- 2.0 Product Installation 4 - 10**
 - Wall Mounting Instructions 4 - 6
 - Aerial Suspension Instructions 7-9
 - Rigging Warning and Notes 10

- 3.0 Fabric Care 11-12**
 - USF Storage notes and methods11
 - USF Cleaning and fabric care11
 - OSF Storage notes and methods12
 - OSF Cleaning and fabric care12

Install questions?

Contact us. We are here to
help you succeed!

1.888.370.0202

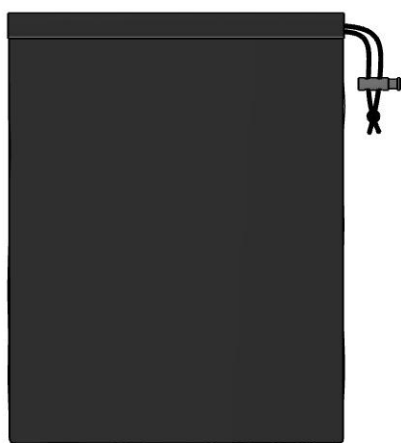


BEFORE YOU INSTALL

Proper Fabric Handling

To avoid smudges and dirt buildup on your fabric, always install your product using nitrile gloves. Even clean hands can leave an oily residue on the fabric surface that attracts dirt and dust. Additionally, consider using drop cloths or plastic sheeting on the floor to maintain a clean working environment free of debris.

Included in the Order



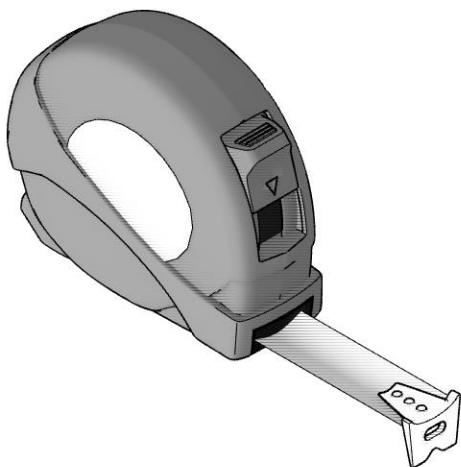
Storage Bag

(Not Included with Oversized Skins)



Nitrile Gloves

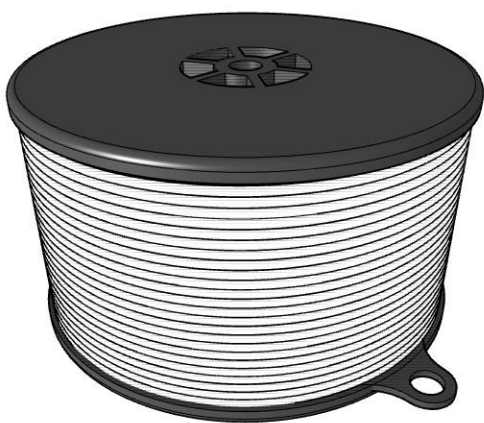
Recommended Tools



Tape Measure



Marking Tool



Monofilament Line



Cable Ties



Hardware of Choice



Power Drill

PRODUCT INSTALLATION

WALL MOUNTING INSTALLATION

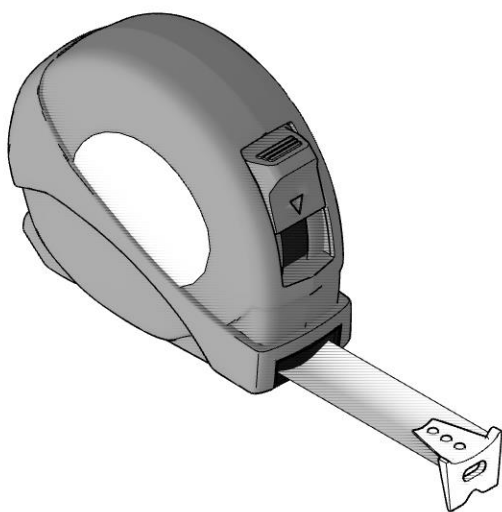
- 1

Establish a clean working environment where you plan to install your flat panel sails. Consider dusting the working surface, and using drop cloths or plastic sheeting to maintain a debris-free surface when unpacking fabric.



- 2a

With a marking tool and measuring tape, plot out your Flat Panel Sail's corner points on the intended installation surface. **Points should be plotted according to the listed dimension of your Flat Panel Sail.**

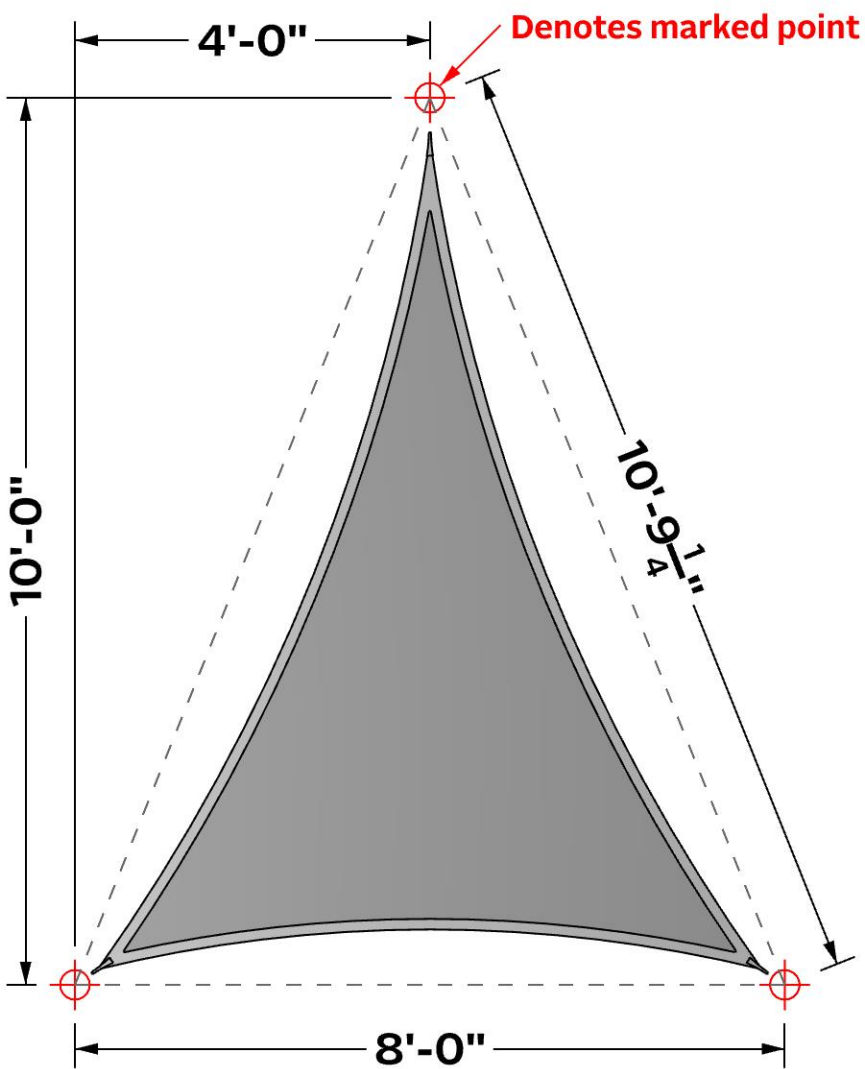


Tape Measure



Marking Tool

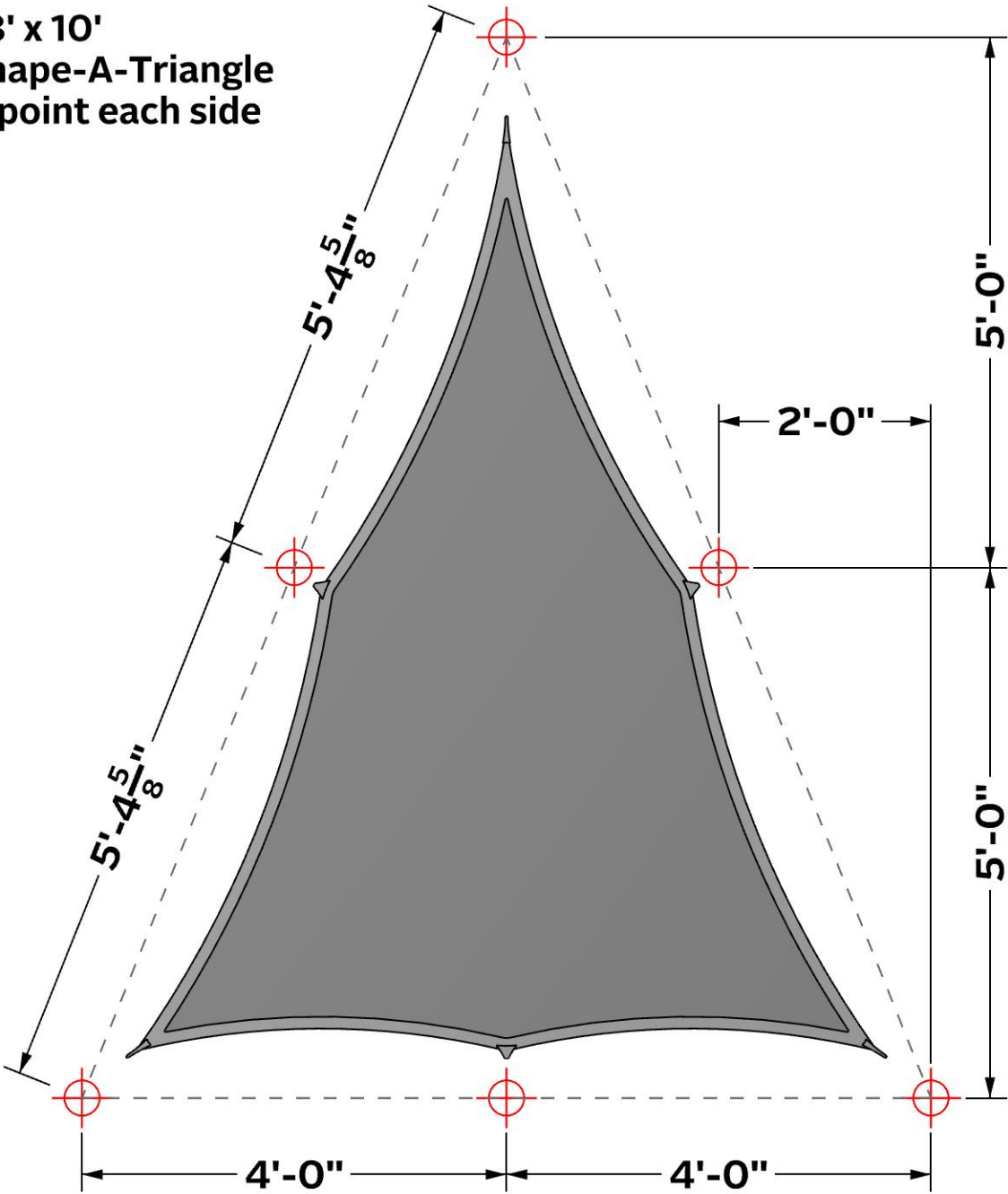
Example: 8' x 10' 3-Point-Shape-A-Triangle



2b

If your Flat Panel Sail was ordered with additional rigging points along the edges, plot the locations of the rigging points on the installation surface. An example is shown below.

Example: 8' x 10'
3-Point-Shape-A-Triangle
+1 Rigging point each side

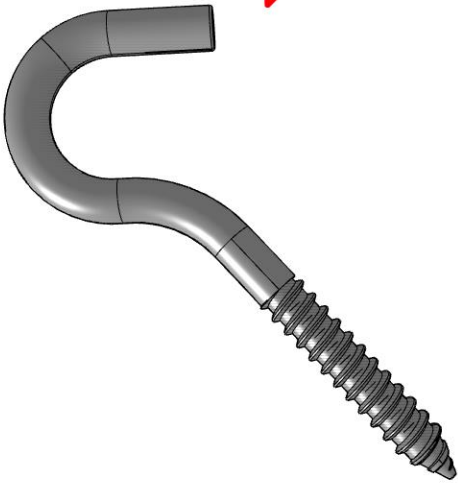


3

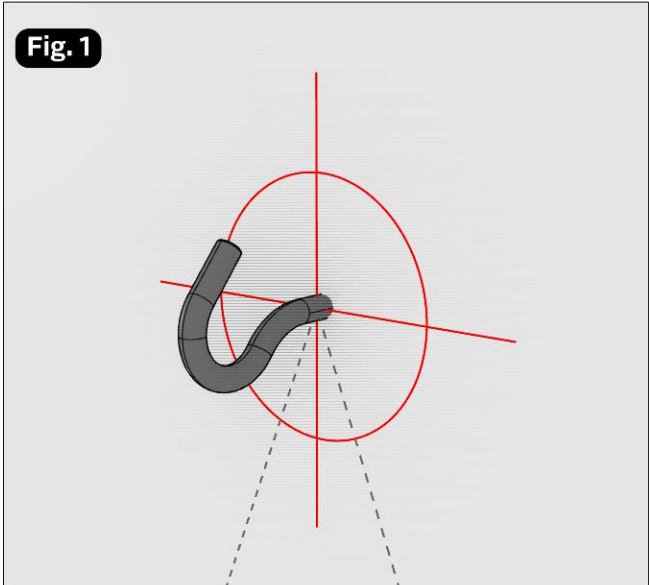
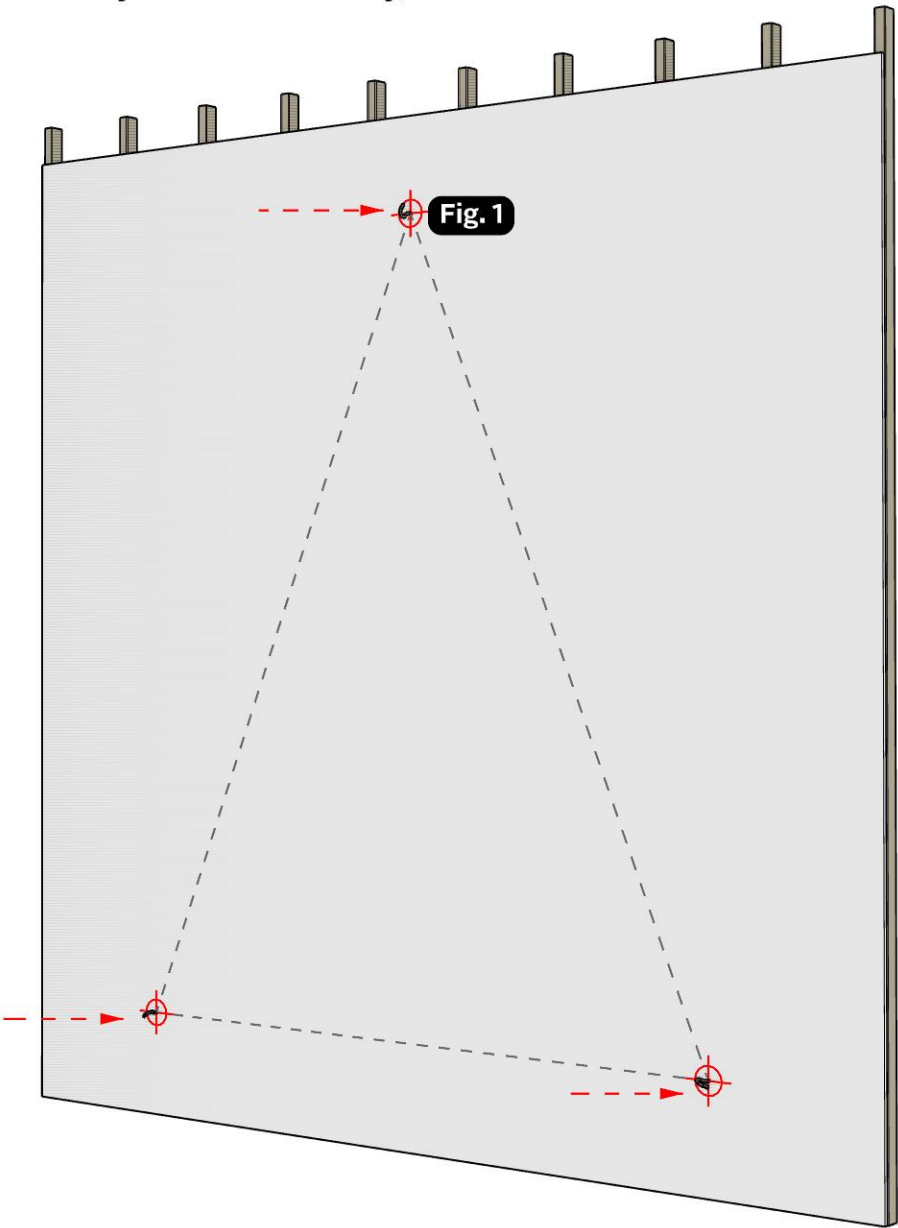
Install your anchors in the intended surface at each of the flotted points. Different anchors may be used for various types of surfaces or substrates. **We recommend that anchoring hardware be rated for at least 50 lbs.**

PRO TIP

Ensure that your anchor and hardware is compatible with the surface you intended to rig to. E.G. Masonry anchors on masonry, etc.

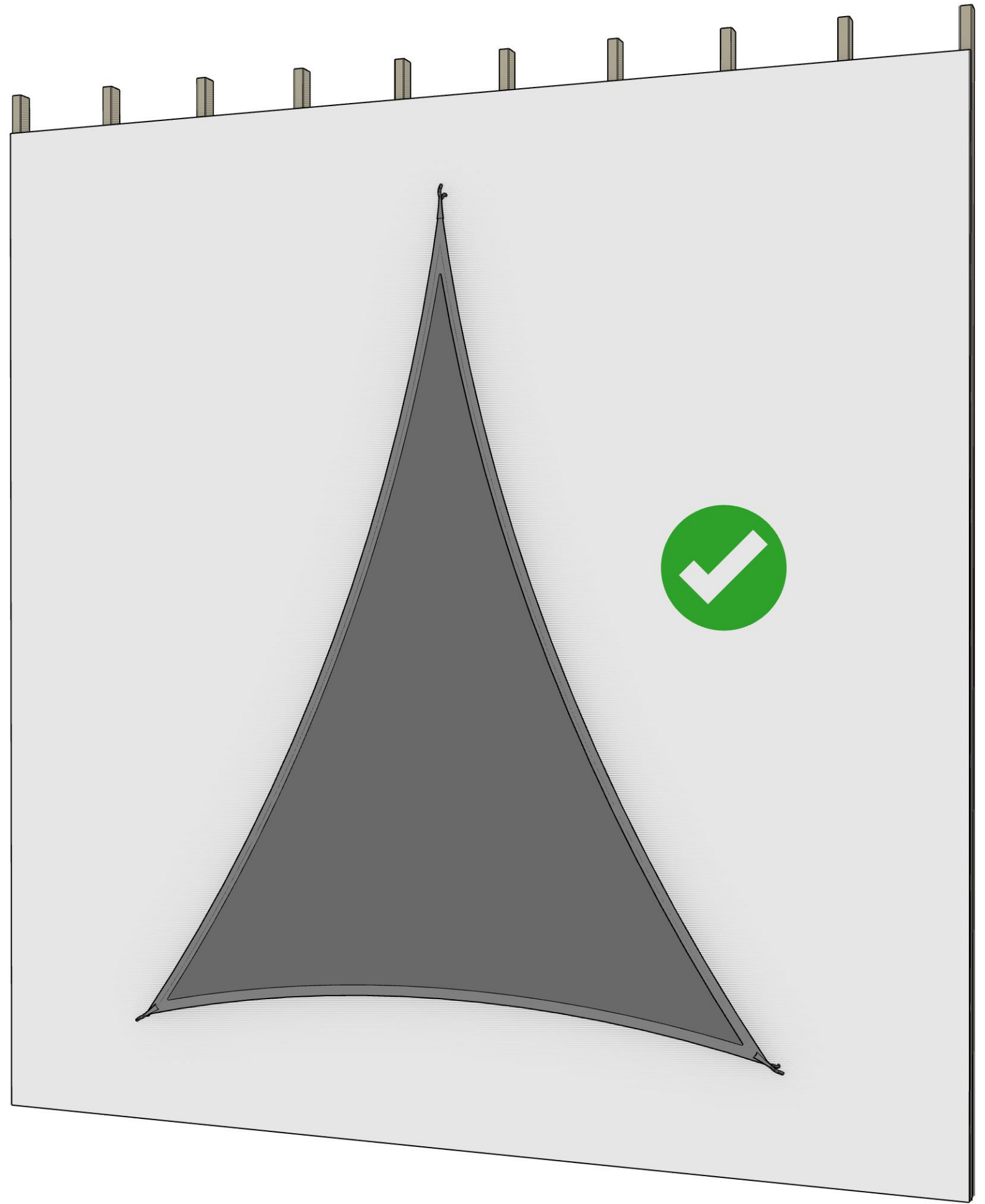
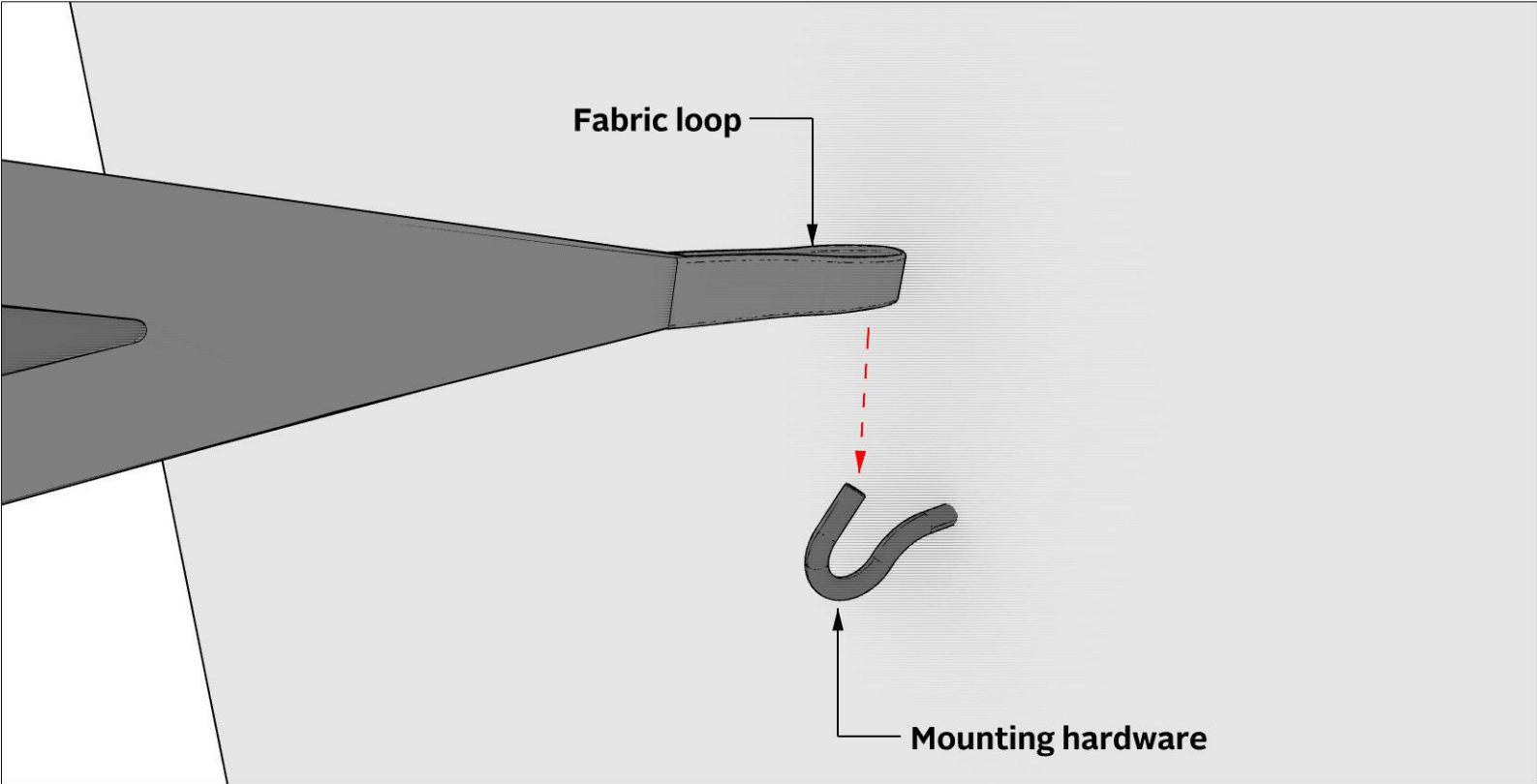


Hardware of Choice



4

Slip the Flat Panel Sail's fabric loop rigging points onto mounting hardware. **Attach all of the rigging points until the Flat Panel Sail is stretched out to its listed dimension.**



PRODUCT INSTALLATION

Aerial Suspension or Frame Installation

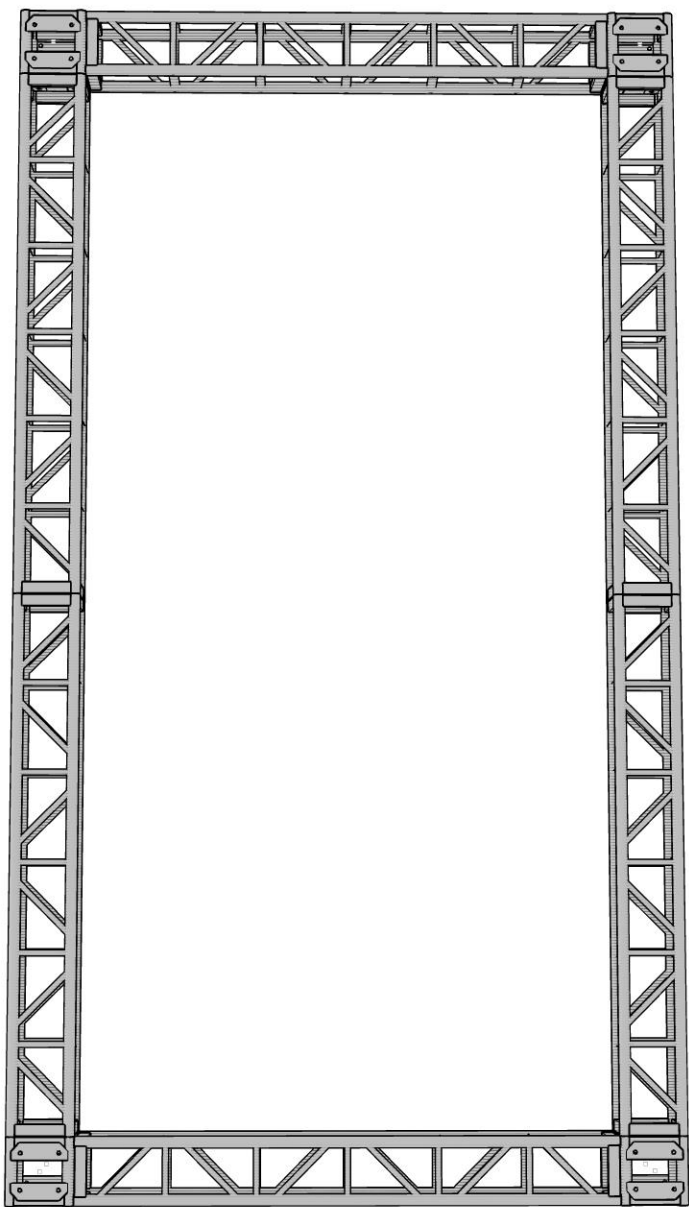
- 1

Establish a clean working environment where you plan to install your flat panel sails. Consider dusting the working surface, and using drop cloths or plastic sheeting to maintain a debris-free surface when unpacking fabric.



- 2

Construct the structure that will support your Flat Panel Sail. The example shown below is 12" imperial box truss.



3a

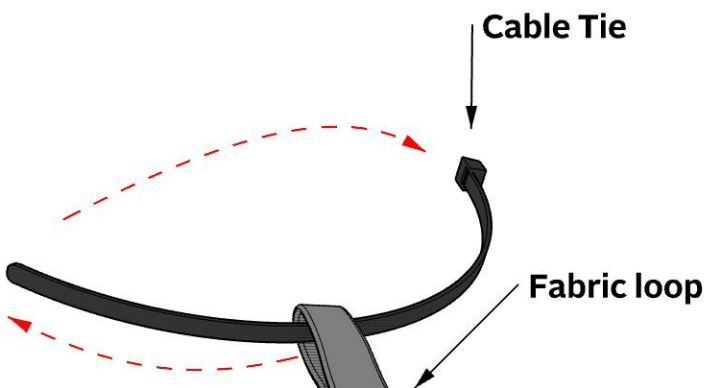
One option for rigging your flat panel sail is to use cable ties. Apply cable ties by slipping one end through the fabric loop and fastening the tie around a part of your intended structure.



Cable Ties

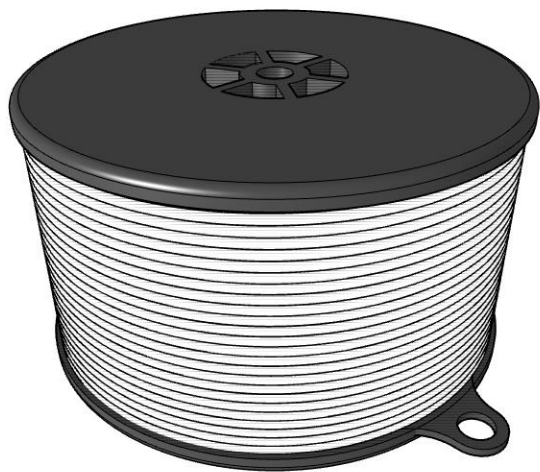
PRO TIP

Loosely attach all of your cable tied before fully tightening any of the individual cable ties.



3b

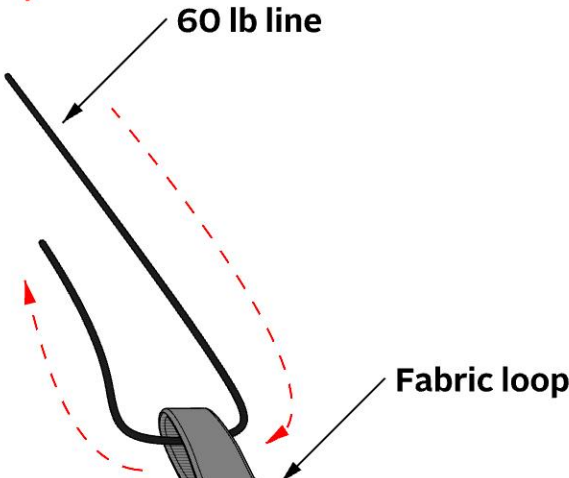
Another option is 60lb monofilament line. Securely tie a length of line to each rigging point on your Flat Panel Sail. Make sure the length of line is long enough to allow you to full the sail into tension and securely tie it off.



Monofilament Line

PRO TIP

Tie a series of overhand knots through the loop to secure the line



PRO TIP

For indoor installation and small sails, one length of line per rigging point is sufficient.

PRO TIP

For outdoor installation and large sails, use two or more lengths of line per rigging point.

4

Using your rigging method of choice, attach the Flat Panel Sail to the intended structure. Using different types of rigging may be necessary.

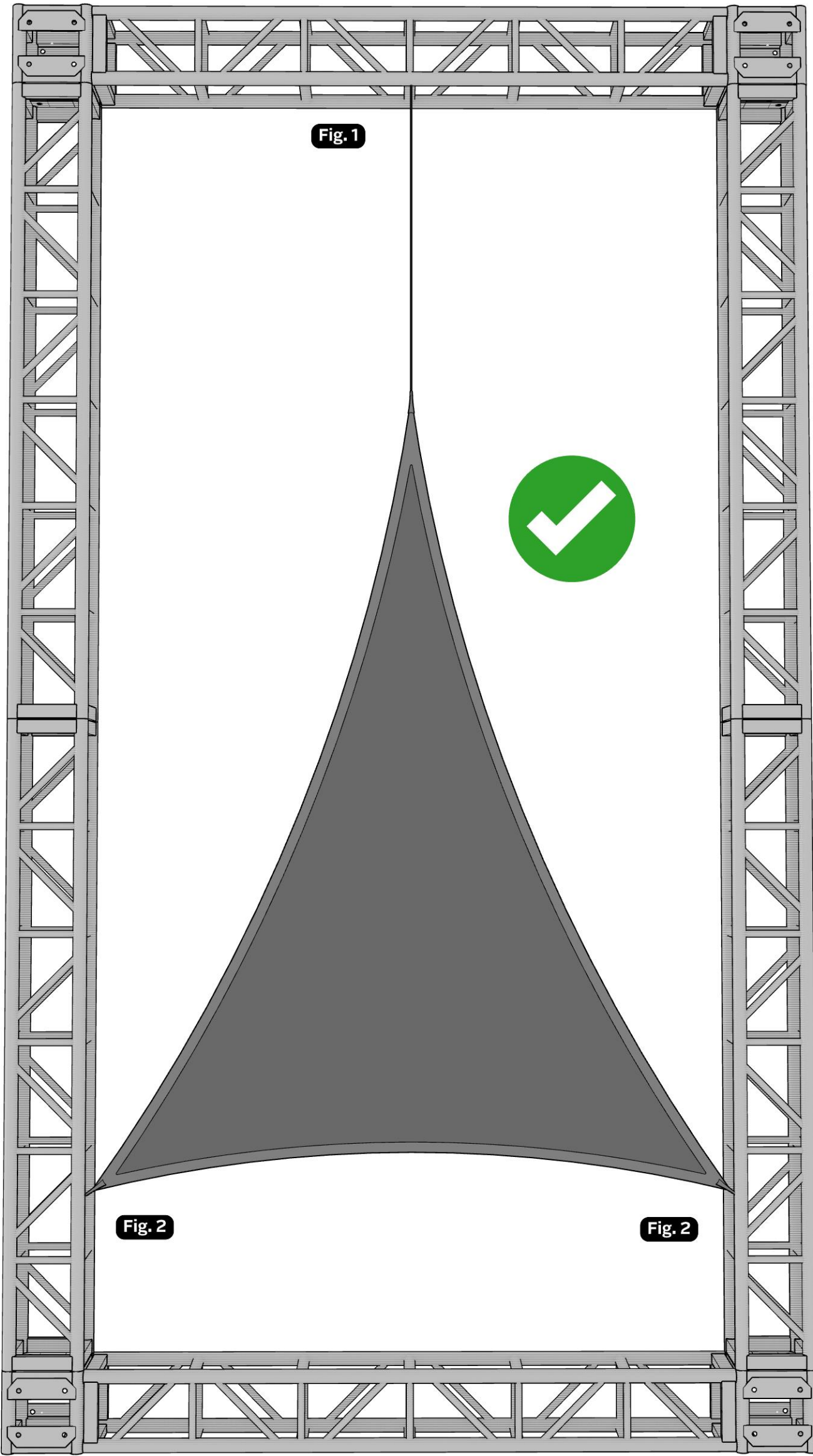
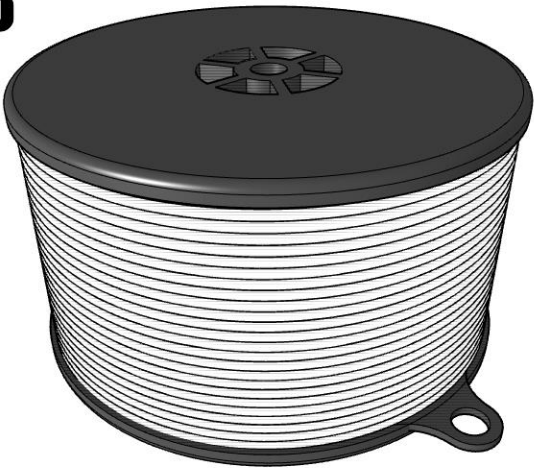


Fig. 1



Monofilament Line

Fig. 2



Cable Ties

Rigging Warning and Notes



When using your Flat Panel Sail outdoors, we do not recommend attaching high strength rigging equipment directly to the sail (see examples below). 50-150 lb break-away rigging is recommended to attach sails to other rigging safely.



Shackle



Quick Link



Metal Gate Ring

Fig. 1

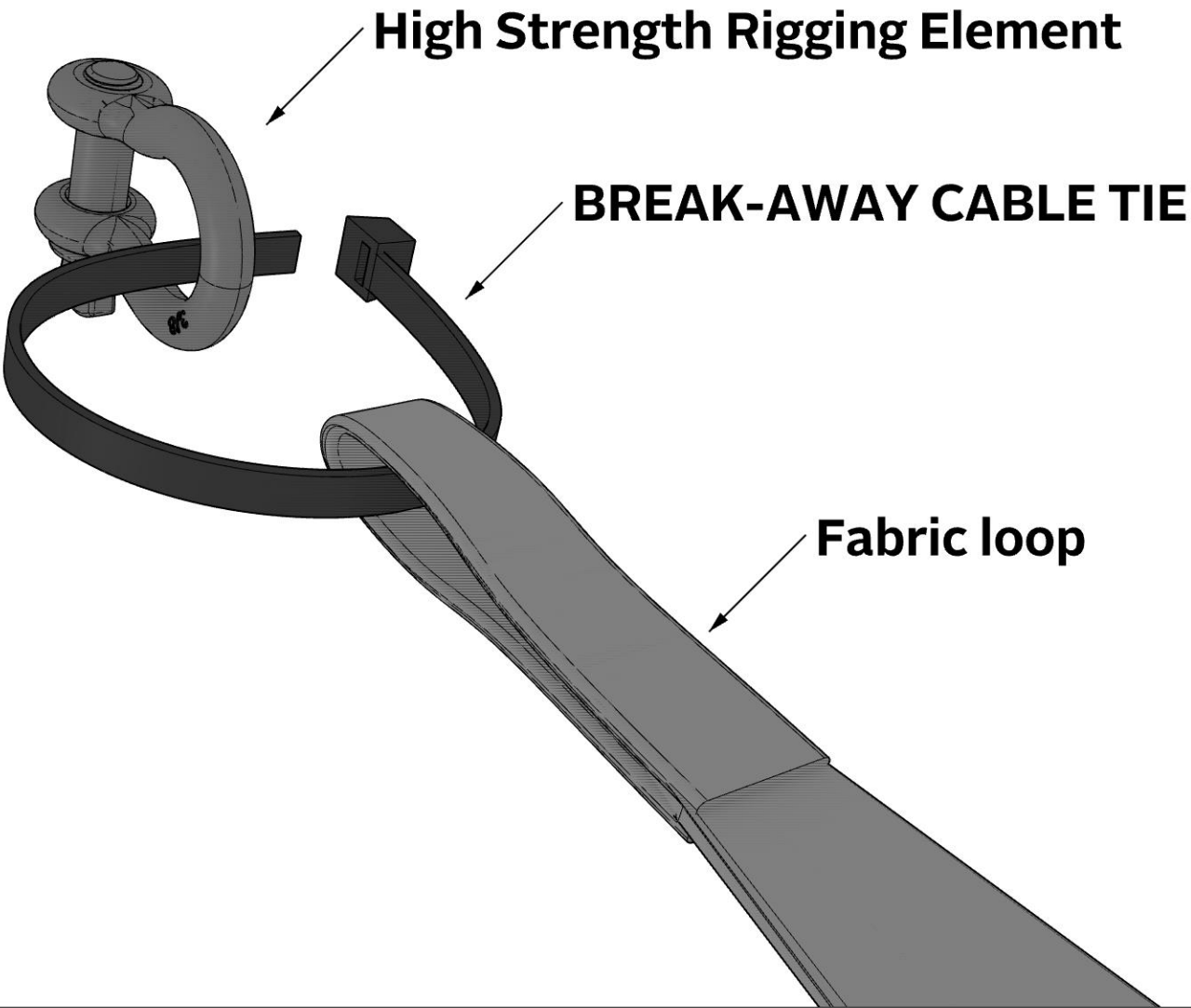
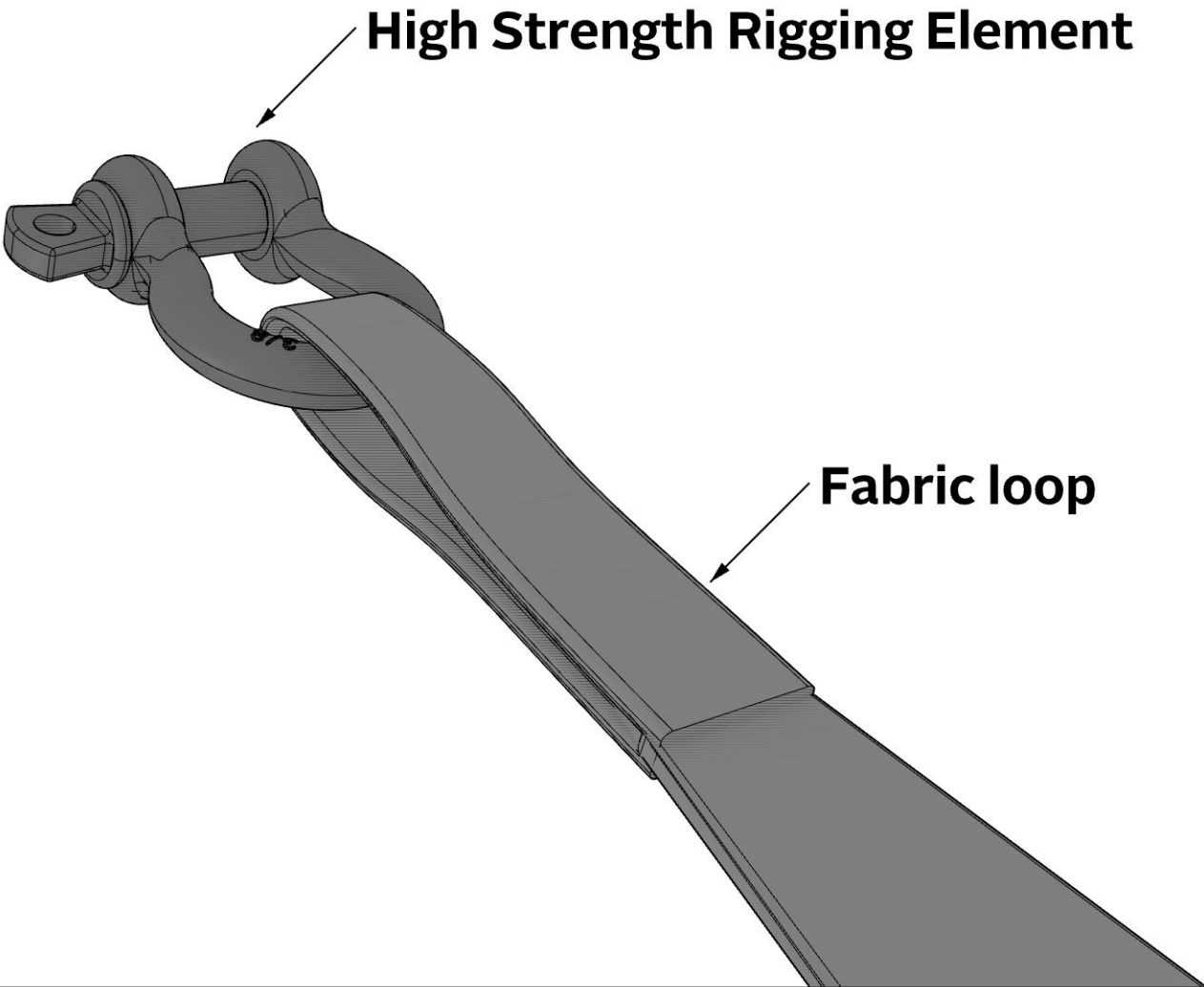


Fig. 1



FABRIC CARE

UNIVERSAL STRETCH FABRIC (USF)

Storage Notes and Methods

Qualified orders include a cloth drawstring bag, which is ideal for long-term storage. When storing your fabric in a sealed container, like the plastic bag the skin arrived in, the fabric must be completely dry to avoid mold or mildew growth.

If your product includes any metal parts such as gate ring, rigging supplies, or frames, be sure to remove them prior to storage. Wrinkles can result from fabric storage. Almost all wrinkles from storage will stretch out once the fabric is installed correctly. If deep wrinkles persists, place fabric in a dryer on low heat for a few minutes.

Cleaning and Dusting

Light clean: Fingerprints from installation without gloves are the main culprit of a dirty screen. Follow the setup instructions carefully, and always use nitrile gloves when handling fabric skins. To remove light stains, use hot soapy water and dab the area clean.

Deep clean: Machine wash fabric on delicate with detergent and Oxiclean®. Machine dry on low heat, regularly checking for completion. IFR products dry quickly. All USF products will retain IFR (Inherently Flame Retardant) certification after repeated washes.

Dusting: We understand that many of our products may be left up over long periods of time. Dust will inevitably stick to the surface and collect. To remove dust on fabric, use a clean object to lightly bat the back surface. Start at the center of the fabric and move towards the outer edges.



DO NOT OVER DRY. Extended heat will damage the spandex in the fabric material.



DO NOT USE BLEACH or bleach-based cleaners on USF fabric. Bleach will damage the spandex in the fabric.



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FABRIC CARE

OUTDOOR STRETCH FABRIC (OSF)

Storage Notes and Methods

Qualified orders include a cloth drawstring bag, which is ideal for long-term storage. When storing your fabric in a sealed container, like the plastic bag the skin arrived in, the fabric must be completely dry to avoid mold or mildew growth.

If your product includes any metal parts such as gate ring, rigging supplies, or frames, be sure to remove them prior to storage. Wrinkles can result from fabric storage. Almost all wrinkles from storage will stretch out once the fabric is installed correctly. If deep wrinkles persists, place fabric in a dryer on low heat for a few minutes.

Cleaning and Dusting

Light clean: Fingerprints from installation without gloves are the main culprit of a dirty screen. Follow the setup instructions carefully, and always use nitrile gloves when handling fabric skins. To remove light stains, use hot soapy water and dab the area clean.

Deep clean: Machine wash fabric on delicate with detergent and Oxiclean®. Machine dry on low heat, regularly checking for completion. Use of bleach is only recommended on WHITE OSF fabric only.

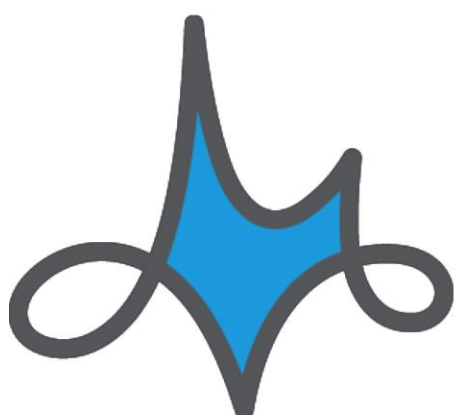
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DO NOT OVER DRY.



DO NOT use bleach or bleach-based cleaners on OSF color fabrics.



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