

## Roll up Side Walls

Installing the top of the *roll up wall* at 4' above the grade is considered average.

2' – 3' is suggested for very windy and exposed areas

5' – 6' works better for very sheltered locations.

Whichever way you choose, mark each *hoop* individually or put up a tight string line at the desired height.

### Using Wood

#### See Preparation on Step Eleven



ensure the screws are in the 1x2 to prepare for fastening the cover to the base



put the wood at the top of the roll up



hold the cover tight as you are installing the wood



roll the cover around the roll up pipe strap



fasten to the pipe, sandwiching the cover between



complete attaching



roll it up and make sure it rolls evenly



finish fastening the cover to the pipe

**1-**Secure a *pipe strap* with a #14 *Speed Screw* to each *hoop* at this point. If the screw head is a potential rubbing point by putting it on the inside of the *hoop*, it can also be put on the long side.

**2-** Fasten the 2x4 along the outside of the *hoop*, to the flat tabs of the *pipe strap* with two 2-1/2" *carriage bolts*.

Hold the wood in the desired location and use the holes in the *pipe strap* as your guide to drill two holes through the wood.

Insert the *carriage bolts* from the outside with the nut inside (do not use lock nuts).

As an alternative to using the wood continuously on the outside, it can be cut to 46 3/4" long (or 1-1/4" less than the centre to centre of your hoop spacing) and fastened between the *hoops*. This makes the structure stiffer and eliminates the bump.

Rather than crossing over the end *hoop* trim the beam for length and push it inward so that it butts into the end *hoop*. This allows for an even seal of *plastic* and *wirelock* on that end *hoop*.

3- Either nail a strip of spruce strapping to the 2x4 so that it is flush to the top or fasten your *wirelock* with the wood screws provided. **Make sure the joints are off set from each other.** If you are using *wirelock*, determine where your upper eyebolts will be and instead of putting a screw there now, drill through the 2x4 (remains open for now) (see photo)



4- If you are using *wirelock* along the sides, start from the middle and work toward the ends.

If you are using wood, put the screws into the strapping **before unrolling the cover.**

**The minimum is 8 screws per 8' piece.** Putting the wood screw through a washer will increase the tightness while minimizing the risk of splitting.

If you have a **DOUBLE COVER**, in at least one place per side, you should cut off 6"-12" of the strapping, and install that piece separately. This will allow you to remove this section to let the air from the top escape to the sides at the appropriate time. Or you can run a "jumper hose" from the inflated top to the *rollup* area in order to inflate the lower area when needed.

### Using Steel

1- Often the 1"x2" steel tubing replaces the lower *purlin*. Drill and bolt one side of the *pipe strap*, the other side can be fastened with a *speed screw*.

2- Push the end of the steel in so it butts into the end *hoop* and goes under the tab of the last *pipe strap*.

3- Fasten the *wirelock* to the side of the steel tubing with the small *speed screws*. Cut 12" off the first piece to ensure that the joints of the steel and of the *wirelock* are offset from each other to add strength and rigidity to the assembly.

4- When the cover is centered over the building, begin inserting the *wire inserts* at the middle and work toward the ends.

### The following applies to both steel and wood applications

Screw in eye-bolts are supplied for wood and threaded eye-bolt with double nut for steel

1- The first eyebolt is installed where the top of the *roll-up* meets the first *hoop*. Double nuts and washers are supplied so that there will be a nut and a washer both inside and outside of your upper baseboard. The second eyebolt goes as low as possible on the base where it meets the next *hoop* in from the end. If your base is a beam, drill a 1/4" hole 2" deep and simply screw in the eyebolt. The next eyebolt goes up at the next *hoop*. Continue up and down every 4' for the balance of each side.

2- Use the lower eyebolts as your guide to fasten the *roll-up* pipe. When the pipes and the handle are fitted together, the square part of the handle should be 6" past the end of the building. Bring the cover around the pipe, tugging only enough to remove wrinkles.

3- Sandwich the cover between the pipe and the curved aluminum strip. For now put 2 *speed screws* per piece. It is important to have a screw wherever there is a joint in the pipe. Roll up the pipe to confirm it is rolling straight. If no adjustments are required then put the rest of the screws in (8 per 8' aluminum strip)

4- Thread the braided rope which is supplied, continuously through all the eyebolts. This rope holds the pipe against the building during windy conditions. It is usually tightened somewhat during the winter.

