

LOOP-LOC LUXURY LINER INSTALLATION GUIDE

Installers: Please read entire guide before beginning your installation

Loop-Loc is not responsible for designing your pool liner floor in regards to safety or pool type classification. Check with your diving board manufacturer in regards to type classification, and to determine if your pool meets APSP and ANSI standards. To contact APSP: 2111 Eisenhower Ave, Suite 500, Alexandria VA 22314. (703) 838-0083.

I. Preparing the Liner prior to installation

- a. Liners should not be stored. If liner must be stored for short periods of time the ambient temperature should not go below 50°F or above 90°F, as it can cause the liner to shrink or stretch which can result in unsightly wrinkles.
- b. Do not install liners when the air temperatures are below 50°.
- c. Installing in air temperatures of 50°- 65°F, it is helpful to bring the liners indoors for a day, removing from box and partially opening to help avoid wrinkling & cold cracking. When pool is ready, bring liner outdoors and immediately install.
- d. Schedule liner install at a time of day when you can take advantage of full sunlight shining on pool. For temperatures above 90°F avoid installing during excessive sunlight.

II. Preparing the Pool Prior to Installation

- e. Check the pool shell and panel wall surfaces to be sure they are smooth and free of debris. Remove all stones, twigs, footmarks, sharp and rough points.
- f. Cover all wall and sidewall seams that are in metal, plastic, or wood with non-asphalt fiberglass tape or duct tape to prevent the liner from being snagged and to allow a good vacuum seal. If this is a replacement liner and pool walls are rusted or made from exposed wood, use foam wall padding first on pool walls.
- g. Remove any standing water from the bottom of concrete, fiberglass, granite and other non-porous pool shells. In high water table areas or due to heavy rains, make sure the pool has proper drainage. Be sure the yard has proper drainage and that rain gutters are placed on adjacent buildings to help stem water away from the pool.
- h. Address any ground water issues before attempting to drop the liner to prevent the liner from lifting or floating off of the pool bottom. To avoid future ground water issues in high water table areas, be sure to use Well points, French drains, and/or sump pumps. If you are uncertain how to control ground water issues contact an irrigation specialist.
- i. Make sure liner bead track is clean and free of dirt and sand, which can interfere with the full engagement of the liner bead.
- j. Check that all wall fittings have new gaskets attached and all voids and vertical joints are covered with non-asphalt fiberglass tape or duct tape. Do not use any type of caulking at panel joints.

****Please note: if you have Steel Steps proceed to step number IV First and then return to step III**

III. Installing the Liner

- a. Placing the Liner at the Deep End of the Pool, carefully unfold. While two people hold the liner in the deep end, have two more people carry the liner towards the Shallow End.
- b. Water bags/Sand bags can now be used by the shallow end walls to prevent the liner from being pulled back towards the deep end. Do not use cinder blocks, bricks, or other sharp objects that will cause damage to the liner.
- c. **The SHALLOW End of the Liner should be positioned first**, to ensure a good tight fit. Position the shallow corners and break points.
- d. When moving and positioning liner, make sure it is away from all sharp edges. Pull the liner upwards from the shallow end to the deep end, to allow you to get the correct amount of material to the deep end.
- e. Now, starting in each corner of the pool, reverse the liner bead and push into the liner track. Do not use tools or grips to position bead, only bare hands. Do not stretch liner as you work it into the track.
- f. Push the liner bead horizontally into the receptor track until there is firm engagement with the vertical lip. Go around the perimeter of the pool making sure the bead is fully in place before continuing with installation.

****Installer: If you have Fiberglass Steps proceed to step V, if there are no steps proceed to step VI**

IV. STEEL STAIR Installations Only

Always Position and Set Steel Stairs first. Place water bags/sand bags on treads and in front of your step at the base seal before proceeding with the liner install. The liner stair section is equipped with a rod pocket into which rods are inserted.

For new Pool Installations: Make sure to read and follow the stair manufacturers instructions on installation. *Remember to remove shoes before walking on the liner and start at the bottom step.*

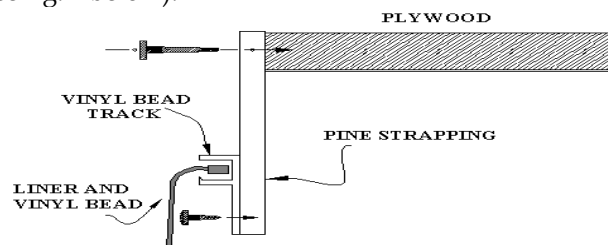
- a. Insert all rods into sleeves. Center the rods into the sleeve and adjust the vinyl fabric an equal distance from each end of the rod. Duct tape rods to clips.
- b. Slip the clips with the flat side to the riser, and go over the rod at the four liner slots.
- c. Position the liner material so the seams are equally spaced from sidewall stairs.
- d. Once all steps are secured, snap the liner bead into the coping working under the staircase. Make sure all bolts are hand-tightened, and then bend the exposed hold down clip ends.
 - Rods and Clips are available from your local swimming pool distributors.
 - If stairs use Velcro/double sided tape be sure to follow stair manufacturers instructions.

****Steel Stair installers, must go back to Step # III, Liner Installation.**

V. Fiberglass Stair Installation Only

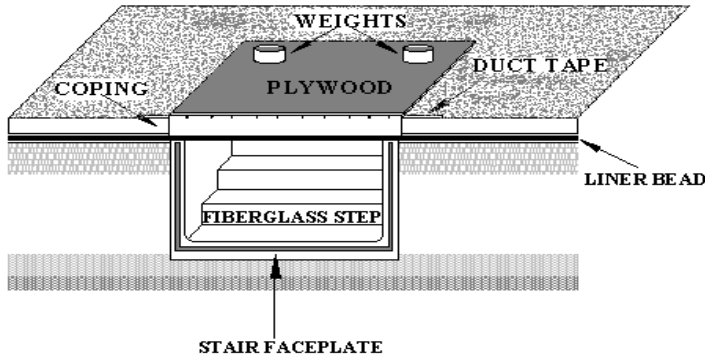
The following steps are for pools with fiberglass steps only.

- a. Carefully remove and mark the step faceplates. It is important to mark properly so they can be Repositioned correctly when the liner is installed.
- b. One way of keeping the liner in place during the installation of a fiberglass step is to create a liner retention track.
 - o Start with a piece of plywood roughly the same size as the step. Pad steps to keep plywood from marring the top of the step. Attach a thin piece of pine strapping to the face of the plywood. At the bottom of the pine strapping attach the extrusion containing the vinyl bead track (see fig. 1 below).



- c. Once the assembly of the liner retention track is complete, place the track on top of the fiberglass

step. Place weights on top of the plywood to help prevent shifting. Once positioned, duct tape the edges of the plywood to the deck-closing off any openings. (See fig. 2)



Sealing off the fiberglass step area in this fashion will provide an excellent vacuum seal behind the step area.

VI. VACUUMING:

Do not cut out the liner material or mount the step faceplates until all of the wrinkles are removed from the pool, and there is a minimum of 5" of water in the shallow end.

- e. A commercial vacuum should be used to assure a wrinkle free, snug fit. Remove a small section of the liner from the bead track and insert vacuum hose. Position hose near the bottom of pool wall, (never place hose near a reverse radius corner or the liner will wrinkle), and seal off opening around the hose with non-asphalt fiberglass or duct tape to prevent leaks. Turn on Vacuum. (See fig. 1 and fig. 2 for vacuum placement)
- f. If you must reposition the liner at any point, turn off vacuum and remove a small section of liner out of the bead track. Pull liner in the direction you must reposition and carefully put liner bead back into the track. Turn vacuum back on.
- g. When vacuum is placed and running there should be virtually no wrinkles in the liner. DO NOT ADD WATER TO THE POOL UNTIL ALL WRINKLES ARE REMOVED FROM THE POOL.

FIG.1

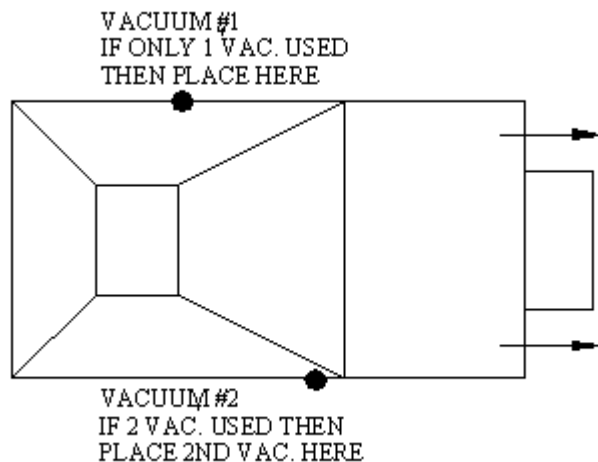
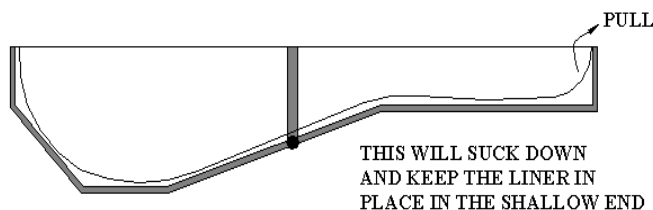


FIG.2



****INSTALLERS PLEASE NOTE:**

At this point make sure the liner is the correct shape! It is common for a liner to be slightly smaller than pool size by a few inches, due to normal shrinkage. Once properly installed it will stretch slightly. However, if there is a dramatic difference (i.e. several feet smaller or larger) do not continue installation. Immediately contact Loop-Loc customer support. If installation of improperly sized liner continues, Loop-Loc is not liable for any damage that may occur.

VII. FILLING THE POOL WITH WATER

Once the majority of the wrinkles are removed, it is time to begin filling the pool. **You will still be running the vacuum until there is a minimum of 5" of water in the shallow end.**

- h. Make sure the hose is properly secured as to not cut or tear liner. Run the hose into a secured piece of PVC piping.
- i. Do not force a strong stream of water directly onto the pool bottom. This is especially true of "soft" bottom pools. High water pressure could shift your flooring material resulting in a wrinkled/poor fitting liner.
- j. Once you achieve **18" of water in the Deep End**, carefully enter the deep end with a ladder rigged with a board attached to the bottom rung (to prevent ladder prints at the pool bottom). Individuals should be barefoot or in socks so as not to leave impressions.
 - *Once in the deep end, mount the main drain frame and gaskets. Making sure they are secured, use a knife-edge to carefully cut the liner and install the main drain cover. Exit deep end.*
- k. Continue filling pool until the water level is high enough that the liner is tight against the entire pool wall.
- l. When there is a minimum of **5" of Water in the Shallow End** turn off the vacuum and remove the suction hose. Also remove any water/sand bags that may have been in place. Now, use your hands to properly locate the faceplate mount holes for your steps.
 - *Place the step gasket and faceplates in their correct locations. Start to install all screws. Once all screws are installed, go back and re-tighten. When gaskets and faceplates are attached, carefully cut out the vinyl material from the step area using a sharp knife.*

****Faceplates for Skimmers, Inlets & Light Fixtures:**

Do not install faceplates for skimmers, inlets, light fixtures, etc. until the water level reaches **3" below their openings**. Installing these fixtures too soon may result in the liner tearing away from the opening. Once the faceplates are installed, using a sharp knife carefully cut out the liner from inside of the faceplates. Loop-Loc recommends that only new gaskets be used.

FINISH FILLING THE POOL WITH WATER.

Installers: Make sure to properly place all Safety Signs and Decals included with your Loop-Loc Luxury Liner when installation is complete.

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