

# VINYL LINER INSTALLATION

## GENERAL INFORMATION

Vinyl liners should be stored in areas with temperatures above 50°F to prevent excessive shrinkage and permanent folds in the vinyl.

## COLD WEATHER INSTALLATION

When installing a liner in temperature of 65°F or lower, store the liner at 70°F to 80°F for at least 72 hours prior to installation. When the bottom is finished, bring out the liner and drop it as quickly as possible. Try to drop the liner in direct sunlight to help seat it properly. Do not leave a boxed liner exposed to the elements.

## TOOLS NEEDED FOR LINER INSTALLATION

Commercial vacuum(s) (Mighty Vac recommended)  
Screwdrivers, Phillips and straight  
Razor knife

Garden hose  
Broom  
Two to four people

## LINER INSTALLATION

Vinyl liner installation can be fast and easy; just follow these guidelines!

1. Before you begin installing the liner, insure that the pool bottom is free of any stones, sticks and footprints. Vacuum with shop-vac thoroughly.
2. Use duct tape to tape all panel joints.
3. Use caulk to secure gaskets to the main drain and skimmer.
4. Insure liner track is clean and free of any sand, concrete, etc.
5. If steps are used, refer to the STEP section before continuing with liner installation.
6. Remove the liner from the box. Place the liner in the deep end of the pool, with arrows facing the shallow end. Carefully unfold the liner. Have two people take the shallow-end corners and pull the liner to the shallow end (see Figure 22), keeping the liner away from any sharp edges. **AVOID DRAGGING THE LINER ACROSS THE POOL BOTTOM.**

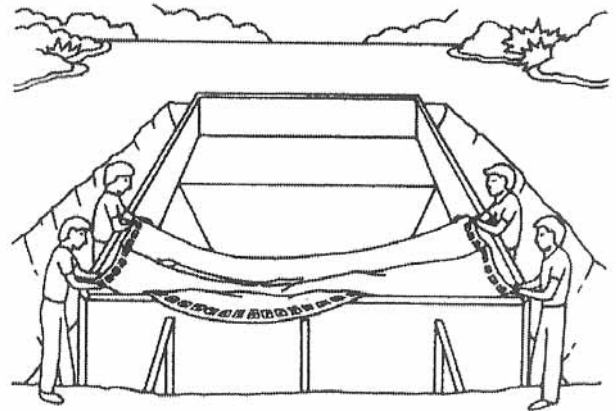
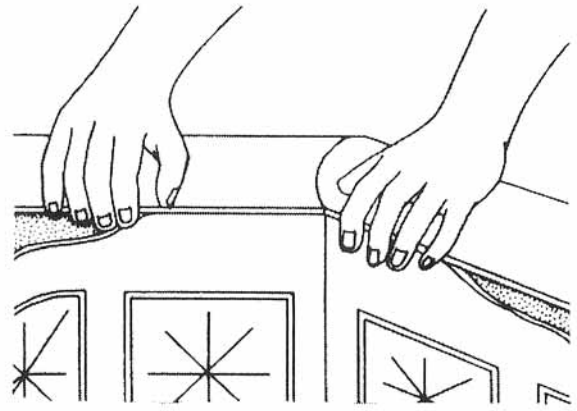


Figure 22: Liner Unfolding

7. From the outside of the pool, snap the liner bead into the liner track in each shallow-end corner (see Figure 23). Continue snapping the bead into the track across the shallow end of the pool. Now, start down the long sides, toward the deep end. **Several feet past the break point, stop and square the liner over the break point, using the seam as a guide.** When the liner is square, continue snapping the bead into the track, being careful not to overstretch the liner. Push the liner bead into the liner track completely to insure proper locking. (Insert Figure 23 from page 15 of the existing manual.)



**Figure 23:** Liner Bead Installation

8. After the liner bead is completely installed in the liner track, adjust the liner in the pool corners, as required, to achieve a smooth, loose fit in the corners. Do not stretch the liner tightly over inside corners.

Make sure there is enough material in the shallow end to allow the vinyl liner to rest against the entire shallow-end wall containing the step with NO space between the liner and the step at the floor. The material needs to be flat against the step area. Place sand bags (you should have several for the filter) across the entire shallow-end wall if necessary. This area and material have to stay in place. The deep end of your liner has more material than the shallow. It is designed to stretch.

9. When the liner is positioned correctly, remove a small area of the liner bead from the liner track, close to the break point, and insert approximately 36" of vacuum hose behind the liner. **DO NOT ALLOW THE VACUUM HOSE TO TOUCH THE POOL BASE!** Use duct tape to tape the hose in place and seal the opening around the hose to create a vacuum behind the liner. **NOTE:** Larger pools may require two vacuums.

10. Turn on the vacuum(s). As suction starts to pull the liner down, continually adjust the fit by pulling the excess material on the floor toward the base of the pool walls. If you can't get all the wrinkles out, shut off the vacuum(s), reposition the liner in the pool, turn the vacuum(s) back on and start the process again.

11. When the liner is pulled down snugly, with no wrinkles, you are ready to finish installing the main drain. By feel, locate the screw holes in the top of the main drain, under the liner. With the gasket in place, screw the faceplate to the main drain, following the manufacturer's instructions. **CAREFULLY**, use a razor knife to cut out the liner material **INSIDE** the main-drain frame and install the main-drain cover.

12. Using a standard garden hose, place the hose end in the hopper and start water flow. Once there is 6" of water in the hopper, the remainder of the pool can be filled from the garden hose or a water truck. **DO NOT ALLOW A STRONG STREAM OF WATER TO DIRECTLY HIT THE POOL BOTTOM.**

13. When the water is 6" deep in the shallow end, remove the vacuum(s) and the sand bags. Install the liner bead in the liner track. If steps are used, install the step faceplate now (step Figure 24). (Insert Figure 24 from page 16 of the existing manual.)

14. When the water is at least 12" to 18" deep in the shallow end, locate the returns and the skimmer(s). Install the gaskets/faceplates, following the manufacturers' instructions. **Carefully**, use a razor knife to cut out the liner material **INSIDE** the returns and skimmer(s).