



# IN-GROUND VINYL POOL LINER

## Installation Instructions

### Introduction

Welcome to the Hydra Pools family! This guide provides a brief outline of the steps for installing your new vinyl liner. Proper installation ensures long-lasting performance. Read carefully before starting. For further information refer to your complete pool installation manual or contact your local dealer.

### Tools and Materials

- Commercial blower/vacuum (2HP, 130+ CFM)
- Garden hose
- Phillips and flathead screwdrivers
- Razor knife
- Broom
- Sandbags
- Tape (duct or painters)
- Two to Four People

### Before You Begin

- Ideal temperature: 60°F or warmer, sunny day
- Make sure pool bottom is smooth and clean (no rocks or sharp debris)
- Confirm liner matches pool shape and size

## STEP-BY-STEP INSTALLATION

### 1. Prep the Pool Bottom

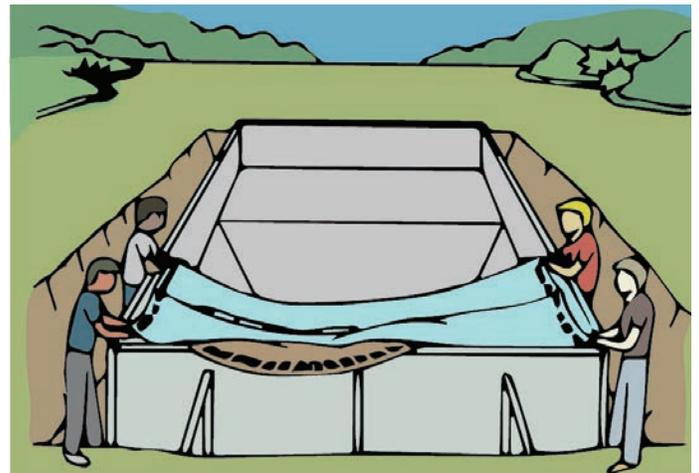
Use a broom or vacuum to remove any dirt, pebbles and debris from the pool floor. Even small stones or twigs can damage the liner by causing a puncture or showing through once the liner is installed.

### 2. Prep the Walls

Tape all seams where pool wall panels join. This helps improve vacuum suction during installation and keeps the liner snug. Also tape over any openings for returns, light niches or gaps between the liner track and wall. Sealing these helps prevent air leaks while using the vacuum. Secure bottom main drain gasket to main drain.

### 3. Position the Liner

Carefully place the liner box in the shallow end with the arrows on the box pointing toward the shallow end. Open the box and remove the liner. Unroll the liner across the pool width. The shallow-end material will be on top of the folded liner. Avoid dragging the liner.



#### 4. Install the Bead

Start by inserting the liner bead into the track around the shallow end. Make sure it fits snugly into the liner track (bead receiver). Use sandbags along the shallow-end break and up against the step to help hold the liner in place. Once the shallow end is seated properly, continue installing the bead around the entire perimeter of the pool. Check to be sure the “Deep End” stamp is in the deep end of the pool. Also, the corners are maked with tape.



**LINER BEAD INSTALLATION**

#### 5. Use the Vacuum

Insert the vacuum hose behind the liner at a corner of the wall. This pulls air out and helps the liner stretch smoothly into place. Seal off the skimmer and return openings with tape to maintain suction. Turn on the vacuum and watch the liner pull tightly against the walls and floor. Make adjustments as needed to remove wrinkles or shift the liner into the correct position.

#### 6. Check the Fit

Inspect the liner to ensure it is wrinkle-free, centered and properly seated in corners and steps. The liner should conform closely to the pool shape with no sagging or folds.

**!!Important Note: Do not cut main drain, skimmer, stair or returns until completely satisfied with liner fit.**

#### 7. Start Filling the Pool

Begin filling the pool as soon as the liner is correctly in place. Keep the vacuum running while water fills to hold the liner tight. Once the water reaches 18 inches in the deep end, you may attach the main drain faceplate. Be sure the liner has not shifted before cutting.

#### 8. Final Steps

Leave the vacuum running until there is at least 12 inches of water in the shallow end. Then, turn off the vacuum and gently remove the hose. Wait until the water reaches about 1 inch below the return and skimmer openings before cutting and installing the faceplates.

#### **DROP-IN & VINYL-COVERED STEPS**

Place sandbags along the base of the steps to hold the liner securely in place. Cover the step area with plastic sheeting or a sheet of plywood to create a vacuum seal and prevent air leaks. Make sure the liner fits snugly before cutting for the step faceplates. Only cut once the liner is firmly set and the water level is high enough.

#### **REMEMBER:**

Never drain the pool without professional guidance. Doing so may damage the liner or pool structure. Improper liner installation can void your warranty.

To register your liner warranty visit, [www.hydrapools.com/resources/warranty-registration](http://www.hydrapools.com/resources/warranty-registration) or scan the QR code.

