

Findlay Vinyl Canada  
50 Iroquois St Unit #1  
Brantford Ont  
N3S 7R6



# Important!

**Please read** this warranty supplement which will help ensure that you understand what your liner warranty covers and **how to avoid damage to your liner that is NOT covered by warranty.**





### **Fading caused by pool chemical misuse**

Proper use of chemicals while maintaining your swimming pool is very important. It is especially important that chlorine and other abrasive pool chemicals and cleaners, be used according to manufacturers' directions.

**Fading of your pool liner due to overuse or misuse of pool chemicals will void your warranty.**



### **Burning caused by non-recommended cleaning agents**

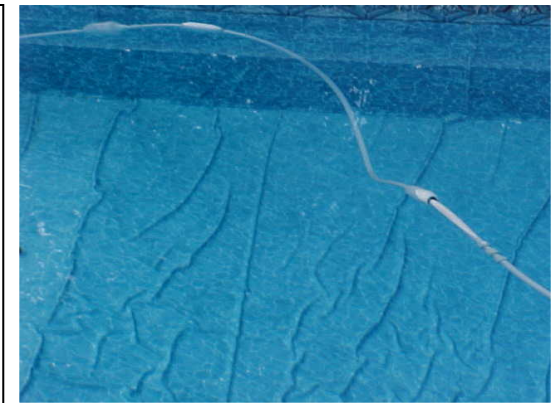
Abrasive cleaning agents should be used only when recommended for vinyl swimming pool liners. Pay strict attention to manufacturers' directions with non-abrasive applicators.

**Burning of your pool liner due to misuse of cleaning chemicals or applicators will void your warranty.**

### **Wrinkling**

Wrinkling can be caused by chemical (i.e. Ph ) imbalance, groundwater, or by rainwater seepage underneath your liner.

**Wrinkling caused by chemical imbalance or water seepage is not covered by warranty.**



### **Cuts and abrasions**

Be careful that sharp or damaging objects are kept well away from the pool liner. Make sure ladders are adequately cushioned when resting against the pool liner.

**Cuts or scrapes in your liner caused by sharp objects or dragging your liner on rough surfaces are not covered by warranty.**



### **What is covered by warranty?**

Please read your liner warranty carefully. It explains what is covered. Essentially we guarantee the construction of your pool liner (bead, seams), as well as the pattern integrity and uniformity of colour and design.

## SAFETY AND WARRANTY INFORMATION

- *Safety Information*
- *25 Year Swimming Pool Liner Warranty*
- *Care and Maintenance Information*
- *“NO DIVING” Safety Signs which MUST BE Properly Attached to Swimming Pool Liner*

## ATTENTION HOMEOWNER Important Information

*This package contains important safety and warranty information.*

*Installer must give this package to homeowner  
Homeowner must read all information then  
complete and return warranty card.*



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# Guidelines for Safe Use of Swimming Pools

As a pool owner, you may be legally liable for the safety of all persons who use your pool. You have the ultimate responsibility. Be sure your insurance policy is updated to include the ownership of your pool.

But facing ownership responsibilities does not mean taking the fun out of using your pool. If you apply safety practices and use good judgement, you will find that the benefits of a pool can far outweigh the risks. Here are some guidelines for using your swimming pool.

## Supervision

Supervision is a key element in getting maximum, safe enjoyment from your pool. One individual must assume primary responsibility for supervising the pool.

**“Supervision, Supervision, Supervision ... is the key to prevent drowning.”**

## Swimming Ability

If you are uncomfortable with people's swimming abilities, make sure they stay in shallow water and watch them closely. If you wish to teach non-swimmers or poor swimmers, the shallow end of the pool is an excellent place for instruction. Make sure they keep to the shallow end. Use a rope and float line to divide the shallow and deep ends.

## Headfirst Entry - Diving and Sliding

Do not allow any diving or headfirst entry into any pool until you are sure the pool is designed for diving and meets all standards for diving pools, such as the NSPI standards. Consult your pool builder or NSPI member if you have any doubts. Do not allow diving into a pool, or any part of the pool, that is not deep enough for diving. It is recommended that “No Diving” signs be placed at all areas of the pool where diving is not appropriate.

**“Too steep a dive can cause your head to hit the bottom. This can result in a broken neck and paralysis.”**

While there is no substitution for diving instruction and actual practice at poolside, it is important for you to familiarize yourself, youngsters and everyone who uses the pool with the following principles of headfirst entry.

### **Some do's and don'ts of diving.**

#### **Do's**

- ✓ Do know the shape of the pool bottom and the water depth before you dive or slide headfirst
- ✓ Do plan your path to avoid submerged obstacles, surface objects or other swimmers.
- ✓ Do hold your head up, arms up, and steer up with your hands.
- ✓ Do keep arms extended and head and hands up.
- ✓ Do practice carefully before you dive or slide headfirst.
- ✓ Do test the diving board for its spring before using.
- ✓ Do remember that when you dive down, you must steer up.
- ✓ Do dive straight ahead - not off the side of the diving board.

#### **Don'ts**

- x Don't drink and dive.
- x Don't dive into an aboveground pool.
- x Don't dive into a pool not meeting a “diving pool” standard.
- x Don't dive or slide headfirst in the shallow part of the pool.
- x Don't dive across the narrow part of pools.
- x Don't run and dive.
- x Don't dive from any place that is not specifically designed for diving.
- x Don't engage in horse play on diving or sliding equipment.
- x Don't use the diving equipment as a trampoline.
- x Don't do a back dive; backyard pools are not built for this dangerous dive.
- x Don't try fancy dives; keep the dives simple
- x Don't dive or slide headfirst at or through objects such as inner tubes.
- x Don't put diving or sliding equipment on a pool that wasn't designed for it.
- x Don't dive or swim alone.
- x Don't dive into unfamiliar bodies of water.

## **Jumping**

Jumping incorrectly into shallow water can be dangerous, and injuries, such as a broken leg, can occur if you hit bottom with sufficient force. Before jumping, know the depth of the water and look out for any submerged obstacles, surface objects or other swimmers. Always jump directly forward from the edge of the pool or diving board.

## **Exercise and Fitness**

Your pool provides a place for convenient, effective exercise. It can be used for both serious lap swimming and for performing calisthenics and other exercises. Before beginning any exercise program, consult your physician. Your pool is an excellent place to exercise. However, use good judgement in monitoring your own exercise and in supervising others who exercise in your pool.

## **Entertaining**

**“Entertaining can be both fun and safe with a little planning and good judgement. Use only unbreakable dishes, beverage containers and utensils. And never allow anyone to use the pool under the influence of alcohol or drugs.” The alcohol in just one of two beers can affect your judgement, even though you don’t feel or appear to be “drunk.” Supervise your pool activities. “Alcohol and drugs do not mix with pool activities.”**

## **Overall Safe Operation and Maintenance of Your Pool**

Keeping your pool in top operating form is very important to help ensure the safety of those who use it, and to protect your investment. Carefully read, understand and follow the operating and maintenance instructions supplied by the pool manufacturer and the manufacturers of associated products (e.g., chemicals). This booklet is not intended to replace information supplied by manufacturers. A good general rule is to visually inspect your pool area and equipment regularly. If anything looks broken, worn, corroded, frayed or not right, contact your pool professional for advice and repairs. A simple repair or replacement may prevent an injury or save a life. It may also prevent more serious or expensive equipment problems.

**“Layers of protection such as fence, wall or natural barrier around your pool can help keep out children under the age of five and all other unauthorized users. Make sure that your fence has a self-closing and self-latching gate and is properly maintained. Remember, there is no substitute for adult supervision.”**

If you are installing your own pool, it is your responsibility to make certain that all work performed complies with the National Electrical Code and all other applicable codes and regulations.

**“Keep grates and drain covers in good repair and secured in place. Alert your family and guests to stay away from these devices, as the suction from drain outlets is strong enough to cause entrapment of hair or body parts, and drowning.”**

## **Lifesaving Equipment**

Plan ahead for potential emergency situations by owning and being familiar with basic lifesaving equipment and procedures. Have at poolside a device such as solid pole, a rope or a life ring, which can provide immediate assistance to a person in trouble. Practice using these devices correctly to be ready in an emergency. Only use these devices for emergencies. Do not allow children to play with lifesaving equipment.

Make sure that the electrical outlets near the pool are protected by ground fault circuit interrupters. Ground fault circuit interrupters are designed to prevent electrical shock.

### **Notice to Parents and Pool Owners:**

**It is your responsibility to enforce the rules of safety.** A good exercise would be to have each of your children and the other pool users who reside with you read this booklet and sign the cover. This will help you enforce the rules since you can always refer back to their promise reflected by their signature.

In the swimming pool environment! Lives depend on you!

### **In Case of Emergency**

1. Dial the local emergency telephone numbers (9-1-1), or the appropriate 10-digit number for Emergency Medical Service (EMS), Fire or Police). It is advisable to install a telephone (or use a cordless telephone) in the pool or spa area.
2. Give your:
  - A. Name,
  - B. Location, and
  - C. Telephone number where you are calling from.
3. Tell what happened and how many people need help.
4. Don’t hang up the phone until after the emergency person does. Adults in the family should be trained in CPR.

## Recommendations for Care of Vinyl Lined Swimming Pools

1. Maintain proper water balance:
  - a) pH in the 7.2 to 7.6 range.
  - b) Total alkalinity at 80 to 100 ppm.
  - c) Calcium hardness: 200 ppm minimum
2. Maintain free chlorine residual between 1.5 and 2.5 ppm. If free chlorine drifts below 1.5 ppm, algae and bacterial growth can take hold more easily and may cause staining of vinyl liner.
3. A low pH of less than 7.0 should be especially avoided, since it can cause liner to form wrinkles and with a greater probability in the water is not stabilized with cyanuric acid and chlorine is maintained at or above superchlorination levels for extended periods. For this reason it is recommended that all vinyl lined swimming pools be routinely stabilized with cyanuric acid and that a minimum of 50 ppm be maintained.
4. Pre-dissolve calcium hypochlorite and other slow dissolving sanitizer in a bucket of pool water and add the solution to the pool by filtering through a sieve to prevent undissolved particles from settling on the bottom, otherwise spot bleaching of the liner could occur. Always read and follow manufacturer's instructions given on product labels and containers.
5. Chemicals should never be mixed together and added to the pool water at the same time. Certain combinations of the chemicals that individually will have no effect can cause bleaching of the liner if concentration is allowed to remain high in the vicinity of the liner. Always allow a chemical to disperse throughout the pool by means of water recirculation before adding second chemical.
7. Do not drain the pool completely for any reason without consulting a pool professional for advice. The older the liner, the higher the risk that the liner will shrink and not stretch back into its original shape without ripping. Sites with a high water table may also carry the additional risk of structural damage.
8. Never close a pool without circulating the pool water for several hours after the final addition of chemicals. even liquid chlorine can concentrate in the deep end and cause liner bleaching if not sufficiently blended with the rest of the pool water.
9. Use a well fitting winter pool cover that is tightly sealed around the entire perimeter of the pool to prevent accumulation of debris such as leaves, worms etc. during the winter period. Organic matter has the potential to cause staining and/or bleaching of the vinyl liner.
10. Avoid the use of any abrasive cleaning agents or cleaning aids (e.g. such as steel wool, sharp bristled brushes, scouring pads, etc.).
11. Use only manufacturer's recommended vinyl cleaner for removing accumulated soil at water line or other soiled areas.

# TOWER

A Comprehensive Guide  
To Easy  
Pool Maintenance



## HOW TO ENSURE THE BEAUTY AND ENJOYMENT OF YOUR POOL FOR YEARS TO COME.

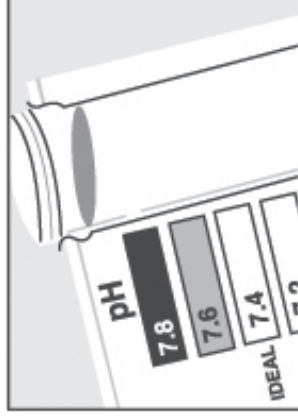
With strong, thick **TOWER** vinyl, you have ensured that your pool liner remains a thing of beauty.

We have designed and manufactured our Tower vinyl to help your pool liner survive the extremes of nature, sun, heat, chemicals and the harshest conditions of winter even down to -40°C.



### LINER CARE AND MAINTENANCE

Our specially formulated vinyl gives extended protection against biological growth. However, most liner problems are due to a misuse of chemicals, either too much or too little. For the proper chemical balance, your dealer can provide you with test kits to measure the chemicals in your pool water.



#### THE PH CHECK

pH is the measure of acidity/basicity level in your pool. A proper pH level (7.2 to 7.6) not only increases human comfort, but also helps chlorine clean your pool better, because chlorine need a certain pH level to kill bacteria and algae.

#### THE CHLORINE CHECK

Your water test kit will show a free chlorine residual level or the amount of chlorine available to kill bacterial in the water. Your free chlorine residual level should be between 1.5 and 2.5 ppm (parts per million). If free chlorine drifts below 1.5 ppm, algae and bacterial will grow more easily and may cause liner stains. If the level is consistently above 3.0 ppm, excessive water absorption and wrinkling of the liner will occur.

#### THE WATER STABILIZATION CHECK

All vinyl pools must be routinely stabilized with cyanuric acid in a range between 50 ppm and 100 ppm. A level of less than 50 ppm, combine with a pH level of less than 7.0 and/or a chlorine level higher than 3.0 ppm, can cause the liner to form wrinkles. Do not use large, single doses of hydrochloric (muriatic) acid for pH or total alkalinity adjustment. If it's not blended sufficiently with pool water, it may chemically attack the liner's print pattern. Ask your pool dealer for the recommended procedure for total alkalinity adjustment.

### THE CALCIUM HARDNESS CHECK

Calcium levels should be kept at a minimum level of 200 ppm to avoid corrosive conditions. Calcium levels over 500 ppm may cause problems such as cloudy water or scaling on the liner surface.

#### THE TOTAL ALKALINITY CHECK

Your water test kit or your dealer's test will show a total alkalinity reading. Simply put, it's the ability of your pool water to counteract changes in the pH level. Ideally the total alkalinity level should be at 80-120 ppm.



#### OTHER SAFETY CHECKS

Allow each chemical to circulate throughout the pool before adding a second chemical. Certain combinations of chemicals at a high concentration can cause bleaching of the liner. You should test for the presence of dissolved metals because they may directly stain the vinyl liner or combine with calcium hardness to form discolored deposits.

Each Tower Vinyl Liner has a special transparent topcoat that protects the print pattern from abrasion and soil adhesion. To maintain its effectiveness, avoid using abrasive cleansing agents or cleaning aids.

#### CLOSING THE POOL

At the end of the pool season, adjust the water level to the dealer's recommended level. Test the pool water and balance. NEVER close a pool without circulating the pool water for several hours after the final addition of chemicals. Chlorine may settle in the deep end and bleach the liner if not allowed to blend with the pool water. Clean and vacuum the pool from top to bottom. Use proper fitting winter pool cover, tightly sealed around perimeter of the pool. It will prevent the accumulation of debris such as leaves and insects during the winter.

Should you have any questions about your pool, call your dealer - he's your pool professional. And remember, proper chemical balance, regular maintenance and common sense are keys to years of enjoyment from your pool.



**Diving may result in  
permanent injury or death**

**NO  
DIVING**



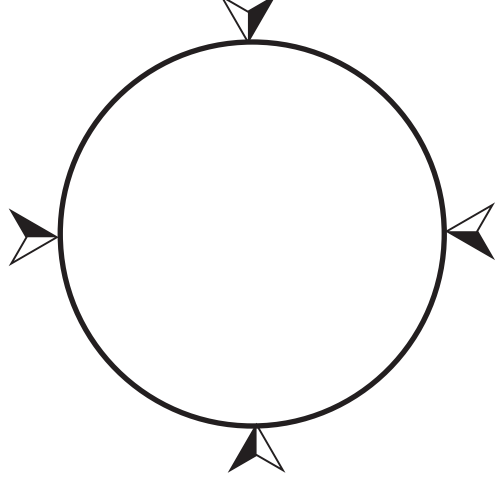
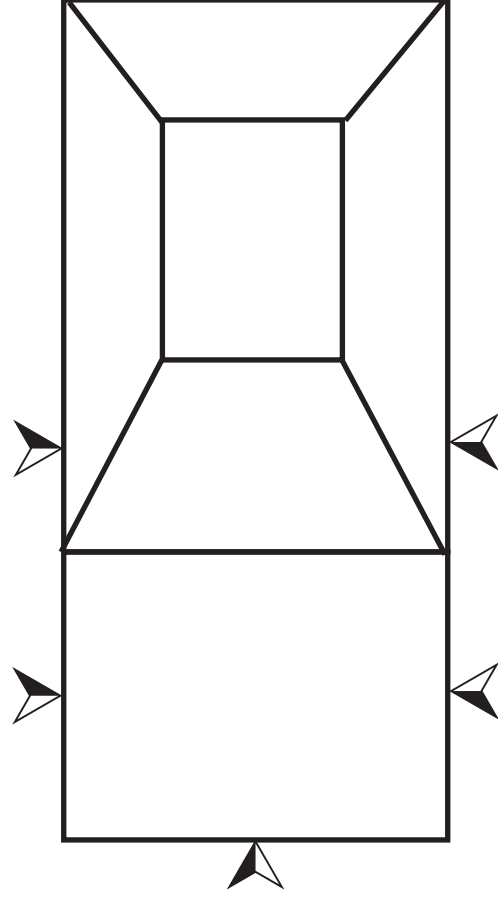
## **IMPORTANT**

### **Placement Instructions For NO DIVING Decals**

Apply decal above waterline at top of pool liner.

Place decals in typical locations shown.

Decals should be placed at all locations of shallow water or hazard areas.







**Pool Owner**

**Please complete the other side of this form, cut at dotted line above,  
insert into an envelope with sufficient postage and mail to:**

Findlay Vinyl Canada  
Attn: Warranty Registration  
50 Iroquois St Unit #1  
Brantford ON, N3S 7R6

# SWIMMING POOL LINER - 25 YEAR - LIMITED WARRANTY

**Findlay Vinyl, Ltd.**, warrants to the original retail consumer purchaser its' vinyl swimming pool liners to be of the finest workmanship.

**Findlay Vinyl, Ltd.**, agrees at its' option to replace or repair this vinyl swimming pool liner if, during the period of the warranty, the liner has a separation at a seam. This repair or replacement shall be exclusive of installation or labor charges, or the cost of replacement water or chemicals, and shall be FOB its' factory.

**Repair or replacement shall be at NO cost to the original retail consumer purchaser during the first year.**

**After the first year, the cost of repair or replacement shall be 10% per year to a maximum of 90% of the then current retail price, for a period of 25 years.**

This warranty does not cover damage such as holes, cuts, tears along seams, bleaching, staining or wrinkles which may be caused by:

- Shipping, mishandling, faulty installation, improper acts of others, or acts of God.
- Misuse, improper installation, improper addition of chemicals, or poor maintenance of pool water chemical balance.
- Chemical related damage sustained in pools with automatic pool covers, due to the possibility of high levels of chemical gases that may be trapped in pools with automatic covers that are left closed for extended periods.
- Abrasion of pool liner print caused by automatic pool cleaners, or other mechanical devices or means.
- Ice damage, normal fading of color, or microbiological staining. (All colored vinyl products, subjected to direct rays of the sun, may fade in time).
- Irregularities, imperfections, or damage which may result from the removal of water from the line. (Vinyl lined swimming pools must be kept full of water at all times).
- Changes to the pool design or the use of accessories which can cause damage to the liner.
- Microbiological staining (such as stains do not affect the ability of the vinyl to perform its intended function).
- Material defects or composition.

This warranty excludes all other implied warranties. **Findlay Vinyl, LTD.** liability shall be limited to the repair or replacement of this liner only, all other damages, whether proximate or not, are hereby expressly waived by the purchaser.

**This warranty shall be in effect only upon receipt of a completed and signed warranty card.**



Warranty Registration Card **Must be completed and returned within 30 days to validate warranty**

Purchaser \_\_\_\_\_

Address \_\_\_\_\_

City/Town \_\_\_\_\_

State/Prov \_\_\_\_\_

Zip/Postal code \_\_\_\_\_

Telephone (\_\_\_\_\_) \_\_\_\_\_

Serial # \_\_\_\_\_

Purchased from \_\_\_\_\_ Date \_\_\_\_\_

City/Town \_\_\_\_\_

State/Prov \_\_\_\_\_

Zip/Postal code \_\_\_\_\_

*Purchaser acknowledges receipt of safety package and verifies that safety labels have been properly affixed to swimming pool liner*

Signature \_\_\_\_\_