

## INSTALLATION WARRANTY DISCLAIMERS

### POOL BOTTOM:

Above ground pools use a sand bottom to provide a firm, solid, yet inexpensive pool bottom. Family Leisure's installers will tamp and/or trowel the sand to provide the hardest and smoothest bottom possible, however, some settling will occur. There will also be slight indentations in the sand from footprints. These should only be visible at night with a light on or when the pool is dirty. In addition there are some situations that can arise that are outside of Family Leisure's control and therefore cannot be warranted.

1. **INSECTS:** Termites and other insects can sometimes burrow under the liner leaving tracks that may be visible at night or when the pool is dirty. These tracks are typically only cosmetic, but if left untreated, insects can cause pinholes in the liner. Occasional treatment around the perimeter of the pool will help prevent this from occurring.
2. **MOLES:** Moles can also burrow under the liner. If you have moles in your yard, you can provide the installer with powdered lime and they will apply it before placing the liner. This will usually prevent them from burrowing. We suggest a 50 lb. bag for pools up to 24' and (2) 50 lb. bags for pools 27' and larger. Typically, mole tracks are only a cosmetic issue.
3. **NUTGRASS:** Nutgrass is a plant that can grow up through the liner. It is rare, but can occur (particularly in a dry summer). If you suspect that you may have nutgrass, there is a chemical that can be purchased from local stores (such as Home Dept, Lowes, Ace Hardware) and when given to the installers they will apply it before placing the liner.
4. **SAND WASHOUT:** Sand washouts, especially around the cove are generally caused by splash over, water draining over the top of the pool or out of the skimmer. Proper backfilling and installation of a positive drain system using a "weep" pipe will keep this from occurring.

### POOL LINER:

Above ground pool liners are manufactured in various thickness grades. The thicker (or heavier gauged) the material, the longer the life expectancy and more difficult to puncture it will be. Thicker liners, such as a perma 25 or perma 30, will last substantially longer than a conventional liner; however, they require patience while filling the pool after installation. Please follow the instructions provided on the Pool Filling Instructions. Liner manufacturer warranties cover ONLY seam separations and defects in materials and manufacture workmanship. Any damage caused to the liner from improper filling is not covered nor implied by any warranty from Family Leisure or it's manufacturers. There are other situations that can occur and are not covered by warranty.

1. **FADING OR DISCOLORATION:** If the liner fades or discolors below the water line, then the problem was most likely caused by improper water chemistry. Follow the water chemistry instructions provided by Family Leisure and always put chemicals into the skimmer with the filter running when making chemistry adjustments. Never add chemicals directly into the pool.
2. **PINHOLES:** Pinholes around the sand cove of the pool bottom are generally caused by abrasions from the vacuum head. Inspect the vacuum head periodically. If there are sharp or rough spots, replace the vacuum head. Pinholes can also be caused by insects burrowing under the liner that use the liner material as a food source. Occasional treatment around the perimeter of the pool will help prevent this from occurring.
3. **PUNCTURES:** Punctures can only be caused by sharp objects. Keep sharp objects out of the pool. Should a puncture occur, "under water" patch kits are very effective and inexpensive.
4. **LINER SHRINKAGE:** A pool liner can only shrink if the pool is drained. NEVER drain an above ground pool. This will ruin the liner and is NOT covered under ANY warranty.