



TECHNICAL BULLETIN

IMPROPER CHEMICAL LEVELS CAN LEAD TO DAMAGED VINYL LINERS - KNOW THE FACTS!



Research by both chemical suppliers and vinyl manufacturer's have confirmed that wrinkles in swimming pool liners develop due to excessive water absorption.

According to CGT (Canadian General Tower), a leading manufacturer of swimming pool vinyl, testing has shown that high levels of sanitizers, whether bromine or chlorine, are the primary cause behind excessive water absorption. If sanitizers are allowed to remain high, water can be absorbed into the vinyl. pH and cyanuric acid stabilizer levels are important secondary factors because they control the activity of the sanitizer. Therefore, controlling sanitizer, pH, and stabilizer levels are the top priority when maintaining proper water chemistry, which is essential, if vinyl liner wrinkling is to be avoided.

It is important to know that water will not unreasonably absorb into a vinyl liner if the chemicals are kept in the recommended range. Wrinkles that develop due to excessive water absorption are not reversible.

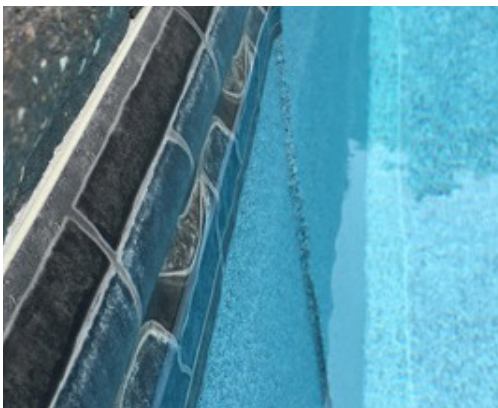


EFFECTS OF AUTOCOVERS AND SALT GENERATORS ON VINYL LINERS

Pools that operate using salt generators and/or automatic pool covers have been known to be more susceptible to liner wrinkling.

There is no single "ideal" setting for a salt generator. Every pool requires a unique amount of sanitizer and that range will vary throughout the swimming season depending on the units performance and maintenance, air temperature, precipitation, bather load, etc. Salt generators must be monitored and adjusted on a regular basis to ensure all chemical levels are kept in an acceptable range.

Automatic pool covers left on a pool for extended periods can have high concentrations of airborne chemical build up between the water and the cover, which can cause wrinkling. The CFFA (Chemical Fabrics & Film Association, Inc.) recommends that no pool be covered after chemical application until the chemicals dissipate and return to normal recommended operating levels. The CFFA also recommends that a covered pool should be opened and allowed to vent chemicals every 24 hours.



Included are several photos that show the types of damage that can be caused by misuse of chemicals and excessive water absorption.

*Please note that damage from chemical misuse and excessive water absorption is not covered under warranty.

For more information on vinyl liner care and maintenance, plus other technical bulletins visit www.cgtpooliners.com/support/technical-bulletins or www.glipoolproducts.com/linercare.

