



# Spa cover pet damage



Dogs are hard on spa covers in two ways: climbing on and putting weight on the cover, and chewing holes in the skin.

## **WEIGHT:**

DuraCore has a heavy thickness double beam that runs down the center of the cover, and has upper and lower sheets of twinwall polycarbonate that have been tested to handle 500 lbs of weight, about double the weight that a standard spa cover is tested to handle without breaking. That's probably all the dogs you would want on your cover.

## **CHEWING:**

While it is difficult to make a guarantee about prevention of damage from dog's chewing, we can make comparisons of the outer fabric on our covers compared to marine vinyl.

The tensile strength of the grade of marine vinyl used in spa covers ranges from 150 lbs to 250 lbs. This is the amount of force required to cause a one inch strip of material to fail being pulled apart. The fabric that we use on our covers is a high-performance outdoor fabric that has a tensile strength of 490 lbs, twice as strong.

Another factor is abrasion resistance. Typical spa cover vinyl has an abrasion resistance of 7,000 to 15,000 (measured in cycles of stainless steel mesh rubbing on it before failure). Our fabric is rated at 50,000+ cycles, three to five times longer lasting.

Anecdotally, our owner has made a dog toy out of our fabric, and it has stood up to much play and chewing for months with no tears.

