



Spa cover hail damage



What actually happens to a spa cover in a hail storm?

When even a moderate-sized hailstone hits a spa cover, the impact is absorbed in two ways. First, the vinyl skin stretches a little under the force of the impact. Then the hailstone forms a small crater in the foam just behind the vinyl as the hailstone bounces away. Things can look OK for a while, but when the vinyl gets hot, it will settle into the craters and make the cover look like the surface of the moon. And if the vinyl is a few years old, small cracks will form around every crater, allowing water to enter and waterlogging the cover in just a few weeks.

Why do many spa cover manufacturers look forward to hail season?

Because they have the chance to sell you the same cover they sold you a year ago, and have your insurance pay for it. It's not their problem that you'll have an unattractive or heavy cover for weeks or months, or that yet another cover is going to the landfill.

Are there any spa covers that are hail resistant?

The DuraCore cover from Modern Spa Covers has been tested to withstand hail up to one inch diameter with no pockmarks or damage. It resists hail in three ways.

First, the outer covering is not vinyl, but an outdoor polyester fabric that is five times stronger than vinyl that maintains its water repellency and just doesn't crack.

Second, just under the fabric is a tough shell made of polycarbonate plastic, the most impact resistant of all plastics.

Finally, there is an air gap just under the shell that allows it to act like a shock absorber for the hail impact. So the hailstones bounce away harmlessly, and you can get back to enjoying your spa.

