



## Product Used

PyroGel® 2250

## ToastyFeet™ Aerogel Insoles Withstand Extreme Heat of Death Valley in 135-Mile Badwater Ultramarathon

"I highly recommended aerogel insoles. They kept the shoe noticeably cooler and the soles of my feet blister-free."

Xy Weiss, Endurance Runner, who ran Badwater Ultramarathon July 24-26, 2006, wearing ToastyFeet™ insoles

## Customer

PolarWrap  
([www.polarwrap.com](http://www.polarwrap.com))

### Benefits



- Aerogel is an effective underfoot barrier to extreme heat.
- Insoles made with aerogel are light and thin enough to fit into almost any boot or shoe.
- Aerogel insoles are strong and flexible — ideal for the most demanding outdoor conditions.
- Aerogel insulation maintains performance under load: At 15 psi pressure, retains over 85% of its unloaded insulation performance.
- Aerogel is durable in normal wash/dry cycle.
- Thinner profile of aerogel insole allows more fashion and design options.

I've run 11 'hundreds' prior to Badwater and have blistered on the bottoms of my feet during the hotter races. The blisters have never been debilitating, but I was concerned about Badwater, which is a different animal altogether.

I made it a point to run the Badwater to Stove Pipe Wells section of the course a couple of times during training. This is the hottest part, where many runners don't finish, and my feet were noticeably -- and uncomfortably -- hot.

During the race, temps hit 51°C (124°F) from Badwater to Stove Pipe Wells. **But my feet were running comfortably and my soles were heat-free** in comparison to training. I had no discomfort to the soles of my feet where I usually develop blisters.

It is safe to say that my lack of usual blistering to the soles of my feet can be credited to the aerogel insoles. This is huge because I know that blistering to the soles is a race-stopper.

I highly recommended aerogel insoles. They kept the shoe noticeably cooler and the soles of my feet blister-free.

Xy Weiss, Endurance Runner

