

## **Solution Heater Elements**

**I want to make sure the electric drop in heater elements used to heat the solution in my tank last for a long time. How do I make sure we extend the life as long as possible?**

In order for the drop in heater elements to function properly, the solution must be free to circulate around the element's horizontal extension.

Any debris, sludge or heavy solution will create problems. Whenever a film or sludge is encompassing the heater leg rather than solution, then the sludge creates an insulation that traps the heat from releasing into the water. When this heat is trapped, then it causes stress and the stress will make the horizontal leg to break down and crack.

The best way to assure your heater elements have a long life is to assure your process has enough water treatment devices to allow the bath to remain as clear as possible for as long as possible.

When the bath life has reached its limit, then follow the tank clean out procedure listed in this web site.

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Because Crown is here to help I hope this helps get you up and running.  
I do however realize not every problem can be solved online.  
Please don't hesitate to call or email me for further assistance.  
Crown is here to help.

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