

## Self-Regulating Heat Cable Comparison

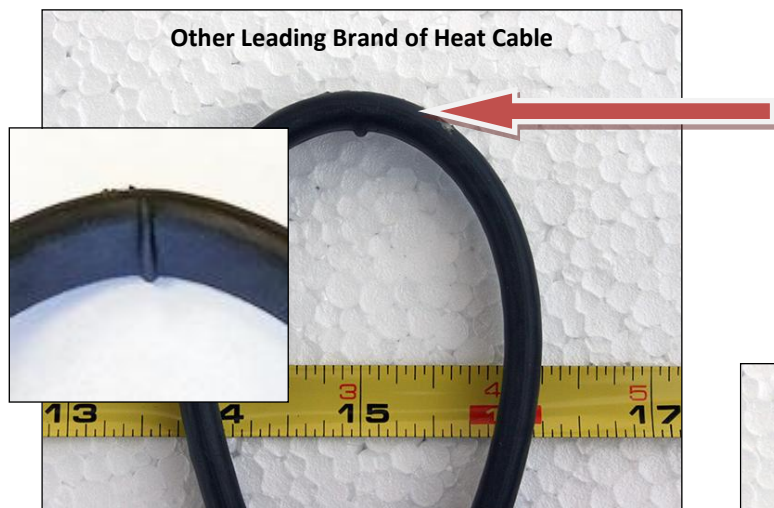
ProLine Radiant self-regulating heat cable features reliable performance, a 10-year warranty, and a more flexible outer jacket, providing more consistent performance, longer lifespan, and easier installation in cold temperatures.

### KEY FEATURES

#### 1. Outer Jacket Quality

##### a. Typical Self-reg Cable:

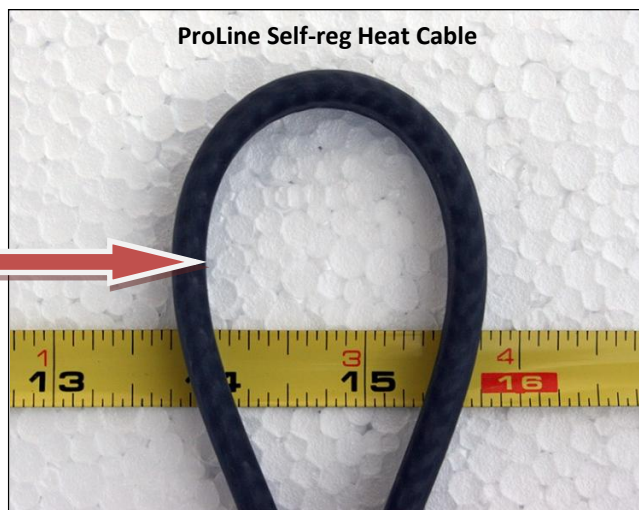
- The outer jacket of typical self-reg cable tends to “bubble” or separate from the cable core when the cable is manipulated for “turns”. These irregularities create stress points on the cable that result in water reaching the core, causing erratic heating and eventual cable failure.



Other cable “bubbles” and pulls away from the core at a typical bend radius of 2 inches.

##### b. ProLine Self-reg Cable:

- PL cable features a higher quality outer jacket that does not “bubble”. This reduces opportunities for failure and water seepage.



PL cable does not “bubble” at an even tighter bend radius of 1½ inches.

#### 2. Installation at Low Temperatures

##### a. Typical Self-reg Cable:

- Most self-regulating heat cables have minimum installation temperatures of 32-40°F. This is because the carbon in the cable becomes brittle and can easily break when bent or manipulated during installations at low temperatures.
- The outer jacket also becomes stiff, making the securing of cable to the roof, gutter, or pipes difficult during cold weather installations. The outer jacket tends to “bubble” when making bends, compromising the cable’s integrity and leading to cable failure.

##### b. ProLine Self-reg Cable:

- ProLine’s high quality carbon center is more resilient in low temperatures, thereby allowing PL self-reg cables to be safely installed at temperatures as low as 0°F.
- The higher quality outer jacket remains flexible at low temperatures, resulting in more reliable performance and easier installation when securing to roofs, gutters, and pipes.

*“In all the years I’ve been installing roof heating systems, I’ve noticed that “bubbles” in the outer jacket of the cable almost always result in a point of failure. The superior outer jacket of ProLine’s self-reg cable helps to eliminate this problem.”*

– Eric W., Roofing Contractor