

SELF-REGULATING HEAT CABLE
PRODUCT SHEET



ProLine
RADIANT HEAT SOLUTIONS

Self-Regulating Heat Cable

For Roof Deicing and Gutter Trace Applications

Most roof snow and ice melt applications are best served by using ProLine Radiant’s self-regulating heat cable. Durable self-regulating heat cables can be installed in roof gutters and drainpipes to keep your home safe from dangerous ice damage and frost erosion. *(Determining the ideal heat cable, thermostat and sensor depends in part on the size, type and construction of the roof, and also on the overall requirements of the particular installation.)*

The self-regulating roof and gutter heating cable features advanced technology that results in highly effective, energy efficient operation. The irradiated conductive core increases its heat output as the ambient temperature falls, and decreases its output when the temperature rises. The heating cable can be cut to length in the field and will not overheat or burnout when overlapped.

Constructed of industrial grade materials, ProLine self-regulating heat cable is approved for use in Division 1* & 2 hazardous areas. The cable comes with a 100 percent tinned copper braid, fluoropolymer outer jacket and a continuous metal ground band. The cable is UL recognized under the Appliance Wire Classification (file E 76498) and meets the requirements of Section 426 of the National Electric Code (NEC). The certifications and requirements achieved by our cable ensure top performance and rugged durability. The cable also features a 10-year manufacturer warranty.

* Contact a ProLine representative for more information.

System Components

Heating Element

The heating element features self regulating heat cable that safely melts snow and ice from your roof, gutters and/or downspouts.



Contactor Panel

(Optional – depending on number of circuits needed.)

The controls include line and load terminal blocks and operating contactors. The control unit features manual override capability to provide snow and ice melting for all outdoor applications.

(Can be upgraded to include GFEP protection.)



Activation Device

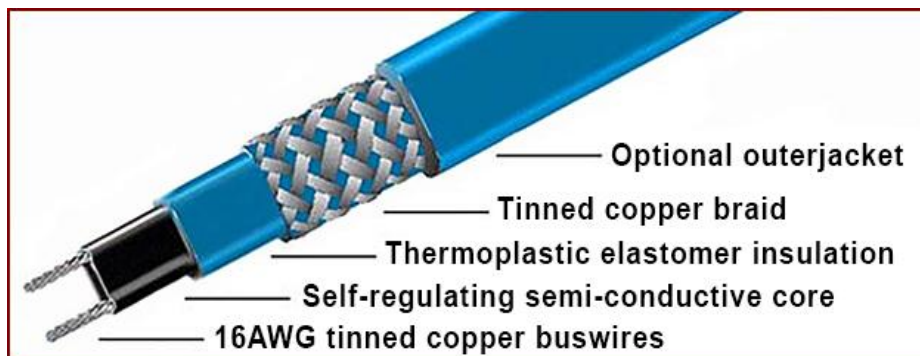
This can be an aerial mounted snow sensor or a sensor mounted in the pavement. The snow sensor automatically signals the contactor panel when it detects specific weather conditions, activating the system.



For more information contact a ProLine sales representative: **866.676.9276**

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ProLine roof and gutter deicing systems maintain drain paths and eliminate ice dams to protect your roof, gutters, and home from water damage. These automated systems prevent dangerous ice dams and ice build-up that can eventually cause extensive damage to roofs and gutters.

Roof and gutter deicing systems are compatible with standard gutter/downspout materials:

- Metal
- Plastic
- Wood

Standard roof materials:

- Shake / Shingle
- Rubber / Tar
- Wood
- Metal

| Roof and Gutter Deicing Accessories |
|--|
| Down Spout Hanger Kit |
| Roof Clips |
| Kit Spacer Clips |
| Remote Control & Display Panel for Snow Switch |
| Interconnect Cable for Remote Control |
| Power Connection Kit, cable to power lead, includes one end seal |
| Splice/Tee Kit, includes one end seal |

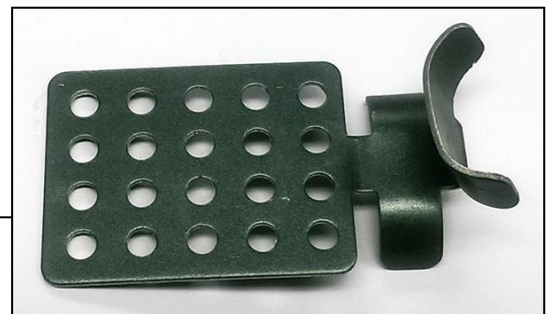
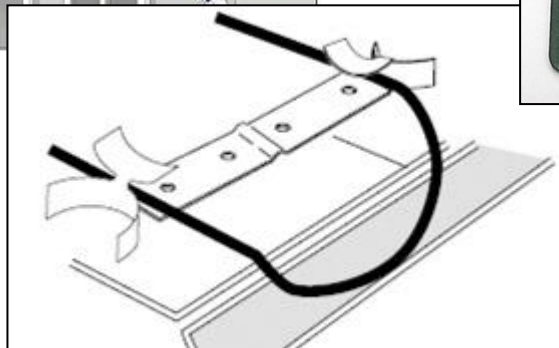
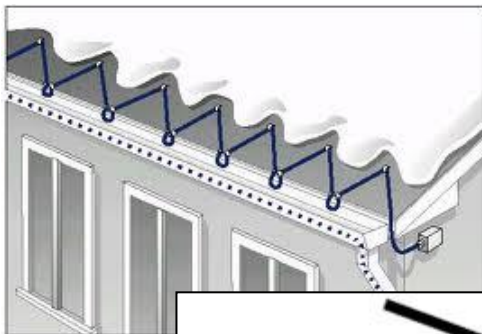
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Maximum Circuit Lengths

| Cable | Start-up Temp. | 120 V | | | | 240V | | | |
|---------------------------------|----------------|-------|------|------|------|------|------|------|------|
| | | 15 A | 20 A | 30 A | 40 A | 15 A | 20 A | 30 A | 40 A |
| PLSRR-6-1 and PLSRR-6-2 | 50°F (+10°C) | 225 | 265 | 265 | 265 | 450 | 530 | 530 | 530 |
| | 0°F (-18°C) | 140 | 190 | 265 | 265 | 280 | 375 | 530 | 530 |
| | -20°F (-29°C) | 125 | 165 | 245 | 265 | 245 | 325 | 490 | 530 |
| | -40°F (-40°C) | 110 | 145 | 215 | 265 | 215 | 290 | 430 | 530 |
| PLSRR-8-1 and PLSRR-8-2 | 50°F(+10°C) | 150 | 200 | 210 | 210 | 300 | 400 | 420 | 420 |
| | 0°F (-18°C) | 100 | 130 | 200 | 210 | 200 | 260 | 400 | 420 |
| | -20°F (-29°C) | 85 | 115 | 175 | 210 | 170 | 230 | 350 | 420 |
| | -40°F (-40°C) | 75 | 105 | 160 | 180 | 150 | 210 | 320 | 360 |
| PLSRR-10-1 and PLSRR-10-2 | 50°F (+10°C) | 120 | 170 | 160 | 180 | 240 | 310 | 360 | 360 |
| | 0°F (-18°C) | 80 | 160 | 160 | 180 | 160 | 215 | 320 | 360 |
| | -20°F (-29°C) | 70 | 110 | 145 | 180 | 140 | 190 | 285 | 360 |
| | -40°F (-40°C) | 60 | 85 | 130 | 170 | 120 | 170 | 255 | 340 |
| PLSRR-12-1 and PLSRR-12-2 | 50°F (+10°C) | 90 | 115 | 115 | 120 | 180 | 230 | 230 | 240 |
| | 0°F (-18°C) | 65 | 80 | 90 | 105 | 125 | 160 | 180 | 210 |
| | -20°F (-29°C) | 45 | 65 | 80 | 80 | 90 | 125 | 160 | 160 |
| | -40°F (-40°C) | 45 | 50 | 60 | 80 | 85 | 100 | 120 | 160 |

Typical Installation with Plastic Clips



Roof Heating
Cable Clips



About Us

ProLine Radiant was created to match wholesale customers to the best radiant heat products and prices available while offering unprecedented customer services. As a leading provider of radiant snow melting, roof deicing, and floor heating solutions, ProLine constantly searches for and produces the latest radiant heat technology to provide customers with outstanding quality solutions, unparalleled service, convenience, and preferred pricing.

ProLine uses experience to understand our customers' needs and propose the radiant heat system that best meets each project's specific needs – without the hassle of weeks of research. From large commercial construction projects to custom residential applications, we offer sincere, unbiased recommendations based on your requirements and what makes the most sense.

Our goal at ProLine Radiant is to make the process of installing radiant heat systems as easy as possible for busy construction professionals. Our professional design staff produces detailed AutoCAD layouts that feature all the necessary information such as load calculations, breaker sizes, number of breakers, etc., so you'll know all the technical specs and power requirements prior to any installation taking place. In addition to our system design services, ProLine also includes personal installation support and free training courses.

We're proud to offer the highest quality, proven products at the best prices available – all in a quick and convenient manner. When it comes to radiant heat, you won't find a more knowledgeable, helpful and friendly staff. Call 866.676.9276 today and see why more and more professional builders are turning to ProLine for their radiant heating needs.

Summary of Customer Services:

- Free Installation Training Courses
- System Design – Detailed AutoCAD layouts
- Technical Support throughout the Installation Process
- Large Inventory of Industry Leading Products
- Easy-to-Customize Solutions
- Discounted Wholesale Pricing Maximizes Your Profits
- Fast, Accurate Turnaround

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