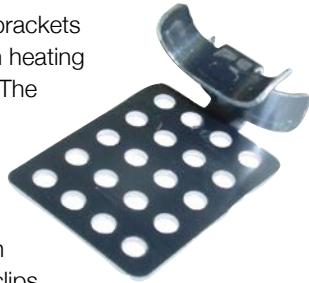


ROOF CLIPS

Roof clips are engineered brackets designed to secure Paladin heating cables to the roof surface. The roof clips provide an easy, strong and secure support for cabling on sloped roofs with shingles or metal roofs with standing seams. The roof clips can be secured with screws, nails, or appropriate adhesives.



(May vary from illustration)

CABLE GUARDS

Cable guards are available to provide mechanical protection for the Paladin heating cable wherever it may pass over or onto an edge, which may result in injury to the outer jacket. The cable guard simply wraps around the Paladin heating cable for easy, effective protection.



DOWNSPOUT HANGERS

Downspout hanger kits are designed to effectively suspend the heating cable in the gutter downspout while providing strain relief and mechanical protection against sharp edges. (May vary from illustration)



SKYLIGHTS, DORMERS & VALLEYS

Paladin can be efficiently used to trace around any skylight or dormer windows. Paladin can also be used on its own or combined with EDGE-CUTTER to extend up valleys.

Heat-Line offers other heating cables and kits depending on your roof de-icing application. Please contact Heat-Line to discuss your particular roofing requirements.

EDGE-CUTTER® AT A GLANCE

- 4 ft feathered aluminum flashing complete with cap
- Fast, easy installation
- Aesthetically pleasing, for new or existing roofs
- Can be installed on existing roofs without the need to resurface
- Can be used under metal, asphalt and slate roof
- Membrane available to prevent oxidation between dissimilar metals
- Suitable for use with Heat-Line's Paladin system or self-regulating Cut-to-Length heating cable

Paladin® AT A GLANCE

- cCSAus approved Usage W and S (Canada and USA)
- 5 year warranty with optional 10 year
- Max length 120 ft on 120 volt circuit. Max length 240 ft on 240 volt circuit.
- Can be easily installed on the roof edge with EDGE-CUTTER or in the serpentine configuration using roof clips
- Can be used with a variety of control devices such as snow melt control, thermostats and timers

SPECIAL REQUIREMENTS

Since 1988 Heat-Line has been specializing in freeze protection of all types. If you have a special application of any kind, give us a call. Special system designs are common to us. We manufacture many other innovative products not mentioned in this brochure.



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ECPAL-0423-3



EDGE-CUTTER® & Paladin®

Roof De-icing Systems That Eliminate Roof Edge
Ice Build-up, Eave Icing, Icicles & Ice Dams



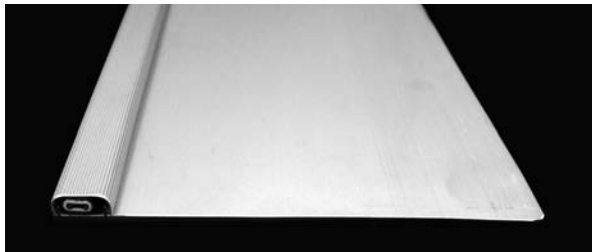
EDGE-CUTTER®

EDGE-CUTTER channel flashings are designed to prevent ice build-up, icicles, or ice dams on the roof edge. The flashing can be used with various roofing materials such as asphalt shingles, aluminum, steel and even slate. Each 4 foot long aluminum flashing is feathered inwards for maximum heat transfer and extends approximately 5 1/2 inches under your roofing substrate creating a constant melt away along the roof edge. The flashing is installed under the roof substrate using screws, nails, adhesives or a combination of both fasteners and adhesive. The Paladin system is placed in the outer flashing channel and the edge cap secures the heating cable in place.

The EDGE-CUTTER flashing can be used on low-pitched roofs, fascia, valleys, and drip edges. If a metal roof is present, the EDGE-CUTTER channel flashing should be ordered with a 6 mil urethane membrane factory installed directly onto the flashing. The membrane prevents galvanic oxidation between dissimilar metals.

Flat and angled EDGE-CUTTER channel flashings are available to suit different application requirements. Angled is commonly used for the leading edge while flat is often used to trace higher up the roof edge or in valleys.

EDGE-CUTTER Flat



EDGE-CUTTER Angled



PALADIN®

Paladin is an award winning heating cable that can be used for roof and gutter de-icing. It employs the unique performance and operating characteristics of self-regulating heating cable technology. Paladin can be used in conjunction with EDGE-CUTTER channel flashings or in the conventional serpentine configuration using roof clips.

Paladin can be used in a variety of applications including, cottages, homes, resorts and farms. Snow sensors, thermostats, timers or other approved control devices can be added to the system for increased energy efficiency.



PALADIN® POWER SUPPLY

To meet the needs of installers with different electrical connection options the Paladin system can be supplied as either a plug-in (GFC model) or hard wire (CS model). A dedicated, 15 AMP circuit is suitable for all lengths.

GFC models - 27/30 milliamp ground fault circuit interrupter plug-in device

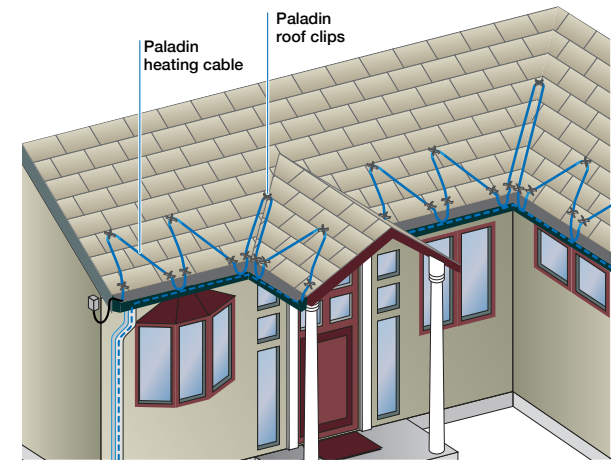
CS models - 12/14 AWG SJEOOW supply cord for direct hard wire connection, GFCI must be field installed



INSTALLATION

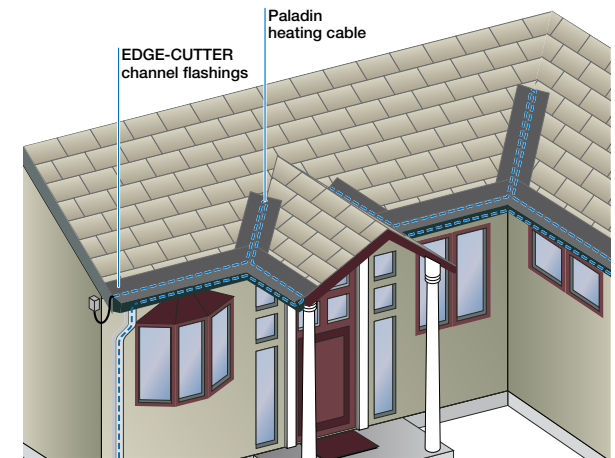
Paladin

Paladin is designed for use on many different roof types and materials including asphalt shingles, aluminum, steel, slate or membrane flat roofs.



EDGE-CUTTER

EDGE-CUTTER is designed to be applied between the roofing and the roof substrate. It can be used with various roofing products such as asphalt shingles, aluminum, steel and even slate.



Measuring EDGE-CUTTER and Paladin Systems

For measuring guidelines please see installation instructions or contact Heat-Line directly for guidance.