

# Paladin<sup>®</sup> for Roof

*Award Winning Self-Regulating Heating Cable System Used for Many Roof and Gutter De-icing Applications*

Paladin is an exceptional freeze protection system for roof-de-icing and can be used on many different roof types and applications. Roof edge ice build-up, eave icing, icicles and ice dams can all be easily eliminated.



*\*Roof clips not included*



See more product information, videos, photos, technical documents, and more



## Paladin for Roof

### Features & Benefits

- The most reliable roof and gutter system available
- Available in a plug-in GFCI model or hard wire cord-set model depending on application
- Customizable for various application requirements
- Provides reliable roof and gutter freeze protection
- Compatible with a variety of roofing materials with various roofing materials including asphalt shingles, shakes, rubber, tar, wood, metal, and or plastic
- Can be used to effectively and efficiently heat trace around any skylight and or dormer windows
- Designed to be compatible with metal and plastic gutter and downspouts
- Easily and quickly installed on most roofs by means of roof clips or EDGE-CUTTER
- Will never melt or burn through plastic material, even if dry
- Can be used with a variety of control devices including snow controls, timers and thermostats

### Specifications

- cCSAus approved (Canada and USA) LR85446
- Certified Usage W and S Canada
- Installation Type A USA
- Self-regulating/conductive polymer heating cable
- Thermo Plastic Elastomer (TPE) jacket
- Standard wattage 5 W/ft @ 50°F (16 W/m @ 10°C)
- Available in 120V and 240V
- Max lengths 120V - 120 ft, 240V - 240 ft
- Available with either GFCI plug or CS hard wire connection
- Standard warranty of 5 years, with optional 10 years extended

### Applications

- Suitable for asphalt shingles, aluminum, steel, and even slate
- Gutters, downspouts, drains
- Pitched roofs and flat roofs
- Residential roof applications
- Farms, agriculture
- Commercial, industrial
- Camps
- Mining





## Multiple Design Options

When considering the Paladin for Roof system, Heat-Line can provide design ideas and important information regarding various application challenges. For standard gutter installations you install 1 foot of cable per foot of gutter and downspout. If the downspout is in the middle of the run, loop the Paladin down and back up, there is no concern of the Paladin system overheating if it comes into contact with itself. Double the length of the downspout for determining the length of Paladin to install. For valleys, run the heating cable two thirds of the way up and down the valley.

## Cottage, Home, Resort

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

## Accessories

Heat-Line provides a variety of accessories to enhance your Paladin heating cable, including roof clips, cable guards, downspout hanger brackets, snow control solutions, and Heat-Line's signature EDGE-CUTTER roof de-icing system.

## Control Devices

Heat-Line offers a variety of control devices to help your Paladin heat cable perform to its optimal, energy efficiency ability. Heat-Line offers timers, snow sensors, gutter ice sensors and more.

## Quality, Reliability, Longevity

With Paladin you are getting the quality, reliability and longevity you would expect with a Heat-Line brand system. Not the nightmares you may expect with the common hardware store heat tapes.

## Certification

Paladin is fully cCSAus certified for usage W and S (Canada), installation Type A (USA) for roof and gutter de-icing applications.

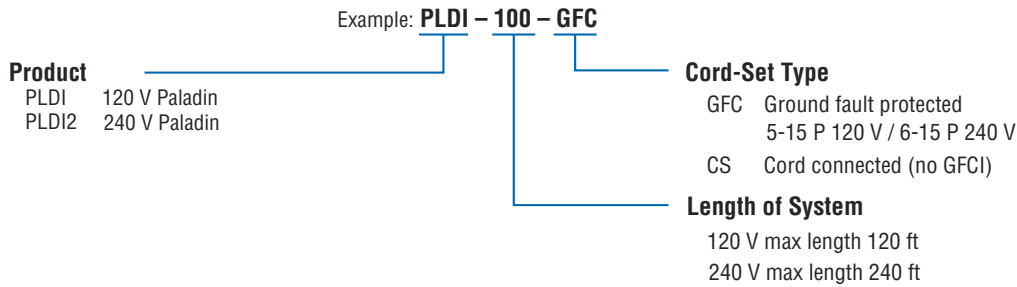
## Conventional and Flat Roof De-Icing

Paladin is an exceptional freeze protection system designed for use on many different roof types and materials. It can be installed in a conventional serpentine configuration using roof clips or for a more aesthetically pleasing option it can also be combined with the Heat-Line EDGE-CUTTER channel flashings system. Either option will provide reliability and energy efficiency. Paladin is also suitable for flat roof applications as it will provide melt water paths towards the drains and even down the drain pipes.

## Gutter, Downspout and Drain De-Icing

Paladin is fully certified to trace inside gutters, downspouts and remarkably even into the drain pipes themselves. Paladin carries the unique wet location approval due to Heat-Line's advanced boot end seal technology. This allows the heating cable to safely and reliability trace inside the drain pipes until the pipe exists the ground or natural frost protection is achieved.

## Paladin for Roof | Product Code Guide



**NOTE:** Nominal power output of Paladin system is 5 W/ft @ 50°F (16 W/m @ 10°C). Only available in Modified Polyolefin outer heating cable jacket.

## Paladin for Roof | Accessories

<b>TIMER-120P</b>	120V plug-in timer (GFC)	<b>LCD-8</b>	120/240V aerial snow switch controller
<b>TIMER-240P</b>	240V plug-in timer (GFC)	<b>PD-PRO</b>	120/240V snow/ice controller
<b>TIMER-CS</b>	120/240V hard wire timer (CS)	<b>GF-PRO</b>	120/240V snow/ice controller with GFEP
<b>MA-10</b>	120/240V GFCI/ELCI (CS)	<b>DS-8C-CONTROLLER</b>	120/240V rain/snow sensor controller with remote 10' Sensor
<b>PLD-CG</b>	Cable guards/protectors (pkg of 4, 6 in each)	<b>DS-8C-EX-50</b>	Rain/snow sensor extension 50' kit for DS-8C-CONTROLLER
<b>PLD-RC</b>	Roof clips (package of 10)	<b>CDP-2-RC-DP</b>	Indoor snow sensor control/display panel for DS-8C-CONTROLLER
<b>PLD-RC-S5-SR</b>	Roof clip S-5-5 only (package of 10)	<b>PYROBOX-1-CONTROL</b>	240V snow/ice controller with GFEP
<b>PLD-RC-S5-SRU</b>	Roof clip S5 universal (package of 10)	<b>PYRO-SENSE-GUTTER</b>	Gutter ice sensor (requires controller, PYROBOX-1-CONTROL)
<b>PLD-RC-GC</b>	Roof grip clip for roof shingle material up to 3/8" thick	<b>PYRO-SENSE-AERIAL</b>	Aerial snow sensor (requires controller, PYROBOX-1-CONTROL)
<b>PLD-CLAMP-S5-S</b>	Roof mounting clamp S-5-S c/w machine bolt	<b>PYRO-SENSE-SB</b>	Snow sensor wall mounted adjustable metal arm (requires controller, PYRO-SENSE-AERIAL)
<b>PLD-EC</b>	EDGE-CUTTER to suit (refer to page 51)	<b>WARRANTY</b>	Extended 10 year limited warranty
<b>PLD-RDK</b>	Downspout hanger kit		
<b>GIT-1</b>	Gutter ice sensor (requires controller, PD-PRO or GF-PRO)		
<b>SNOW-OWL</b>	Aerial snow sensor (requires controller, PD-PRO or GF-PRO)		

## Paladin for Roof | Sample Application

