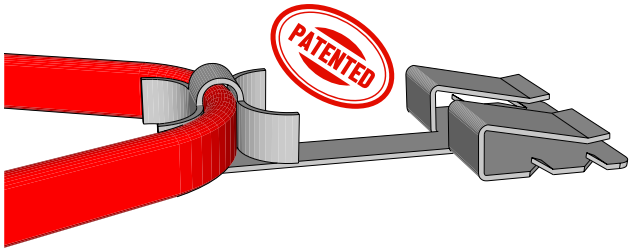
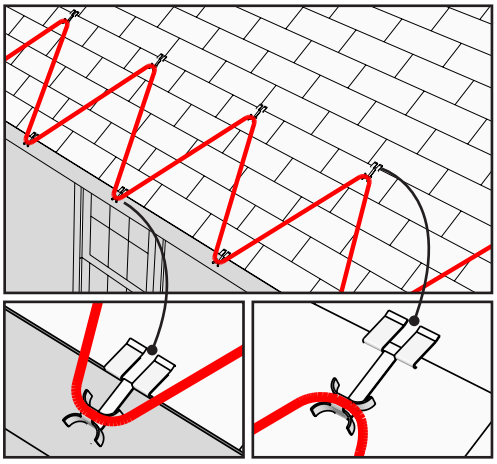
Models: 625 & 875

GRIP CLIP™

v.10-27-21

A Revolutionary Answer to Installing Self-Regulating Heat Cable on Roofs





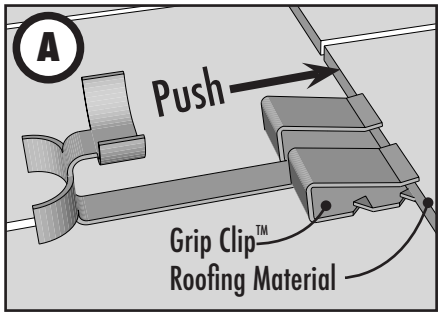
Grip Clips 625 and 875 can be used on a variety of roofing shingles including asphalt, wood, slate, plastic, synthetic and more . Grip Clip 625 can typically be used on roof materials between 3/8" to 5/8" and Grip Clip 875 can be used on roof materials between 1/2" to 3/4". Installations normally require NO tools, greatly decreasing installation time. Additionally, Grip Clips can be easily repositioned or removed without damaging the roofing materials by simply bending up the top arms of the clip.

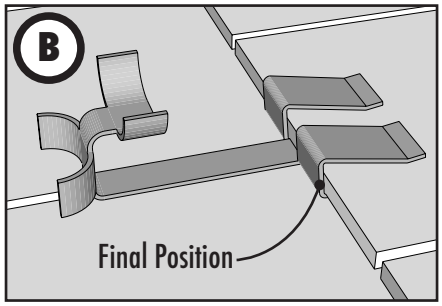
Uses:

The Grip Clip can be used to install both self-regulating and constant wattage heat cable on roofs both with and without gutters. Grip Clips 625 and 875 are both made of .050 black anodized aluminum.

Grip Clip Installation Tips

1. To establish your Grip Clip locations, determine the best path for your cable pattern, factoring in variables such as downspout and power source locations. Some installers use chalk to mark clip locations prior to installation to ensure proper spacing.
2. Grip Clips can usually be installed by simply pushing the clip up onto the end of the roofing material as shown in Drawings A and B, right.
3. After the Grip Clip is pushed into position and is engaged with the roofing material, lay the heat cable into the cradle area of the clip, as shown in Drawing C, and use your fingers to pinch the top half of the cradle down onto the cable.





Considerations

There are aluminum barbs on the bottom of each Grip Clip body. Those barbs embed, or 'bite', into the roofing material creating a semi-permanent anchor that can be used for many years (Figure 1.0, Below). Installing the Grip Clip on cold roofing can prevent barb engagement. Therefore, we recommend performing the installation before the roofing material becomes cold and hard. Another technique is to simply wiggle the Grip Clip back and forth slightly after it has been pushed up into position to encourage the barbs to sink into the roofing material.

Grip Clips can be removed by simply prying up on the upper, exposed top arms until the pinching grip has been released from the roofing material. The Grip Clip can then be safely pulled off.

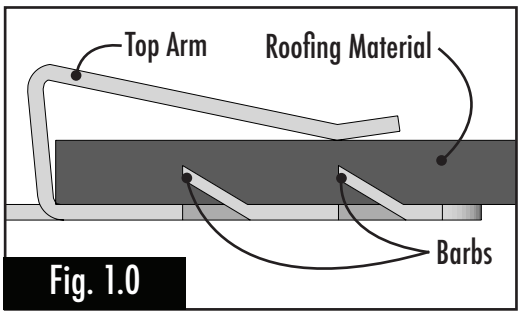
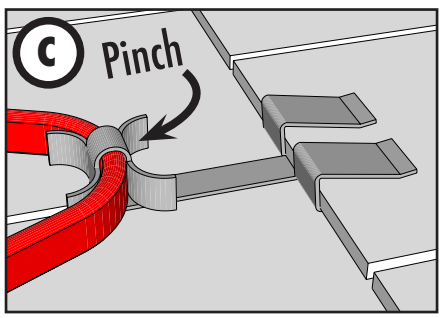


Fig. 1.0



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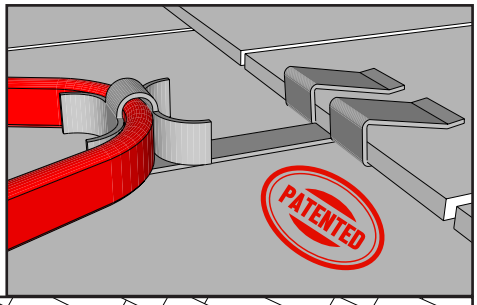
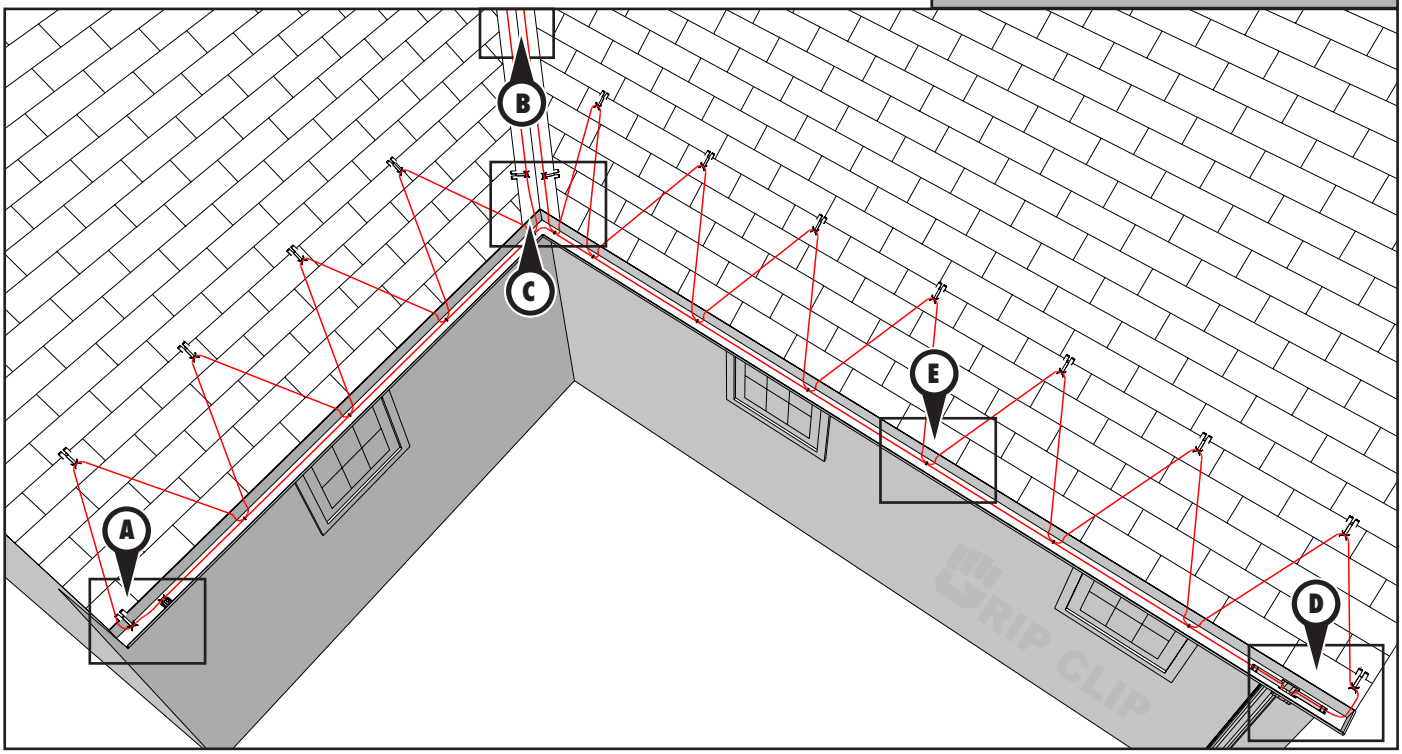
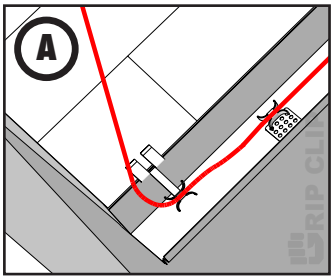
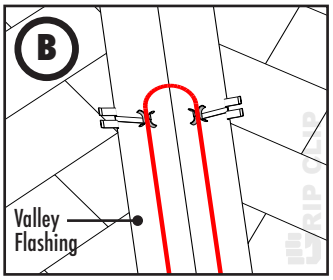


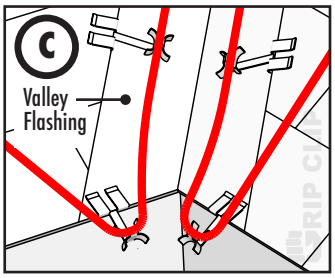




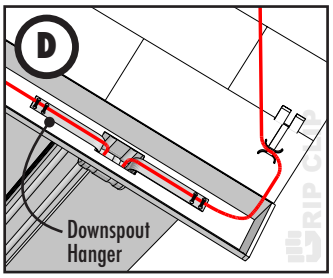
Use a Grip Clip off the end of the last course of roofing material to place the heating cable into the trough of the gutter. You may also use a few traditional roof clips glued to the bottom of the gutter as shown.



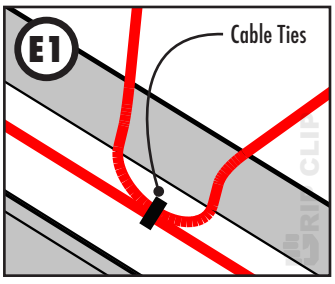
VALLEYS: Grip Clips allow for the placement of heat cable near the center of the valley flashing because no nails are required for installation. Nails should never be driven within 6" of the centerline of the valley under any condition.



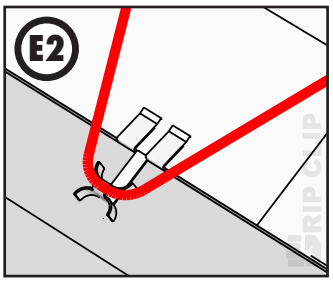
VALLEYS: If there is a layer of ice & water membrane beneath the valley metal, Grip Clips can be used on the end of valley as shown. Otherwise, Grip Clips can be mounted to the bottom edge of the adjacent asphalt roofing material.



Grip Clips can be used creatively to secure heat cable to the roof in any location. They can also be pushed onto the side of a shingle to run heat cable vertically.



GUTTERS: Cable systems using Grip Clips do not need clips on the lower loop when gutters are present. Instead, bend the loop down into the gutter and join it with two UV resistant cable ties to the heat cable running in the gutter.



NO GUTTERS: When no gutters are present, install Grip Clips on the edge of the last course as shown. This creates a fixed drip loop, ensuring a continuous melted pathway through any potential accumulated ice.

⚠ WARNING

Never attempt to pull the heating cable tight or create tension in the heat cable system from one clip to the next. This will put unnecessary stress on the roof clips and the heating cable system over time. The cable should be loosely laid on the roof with just enough tension to maintain the proper serpentine pattern and keep the heat cable stable in the roof clips.