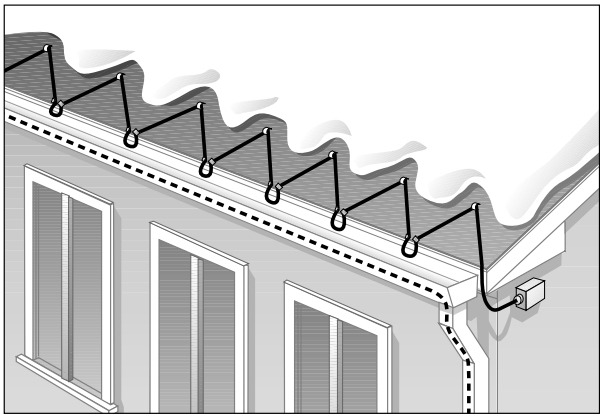
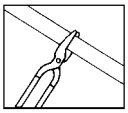
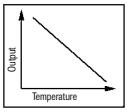
SRF-RG
Self-Regulating Roof & Gutter





Cut to Length in Field



Self Regulating Output

- **Roof and Gutter De-Icing**
- **Fast, Easy Installation**
- **Cut to Length**
- **UL Listed**
- **CSA Certified**
- **Approximate Size 3/8"W x 1/8"H**
- **Minimum Bend Radius 1-1/8"**

Description

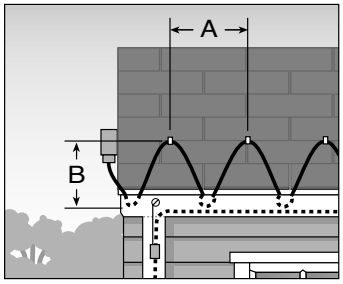
Chromalox SRF-RG self-regulating heating cable provides reliable freeze protection of roofs and gutters. Because SRF-RG is self-regulating, it automatically adjusts to the appropriate heat output as ambient conditions change, making it both energy efficient and cost effective. The protective waterproof outer jacket is suitable for wet applications in downspouts and roof drains.

Likewise, it is easy to apply SRF-RG following the provided instruction sheets and utilizing the required accessory kits. It can be cut-to-length and overlapped. Simply trace the gutter or roof and energize the cable when precipitation is expected. From that point on, SRF-RG will rapidly increase its output when in contact with snow or ice, providing maximum melting power. When the roof and gutters are clear of snow and ice, the SRF-RG cable will regulate its output and save energy.

WARNING — A ground fault protection device is required by NEC to minimize the danger of fire if the heating cable is damaged or improperly installed. A minimum trip level of 30mA is recommended to minimize nuisance tripping.

Applications

1. To calculate the amount of cable needed, multiply roof edge length to be heat traced by the spacing factor. The spacing factor (feet of cable required per foot of roof edge) is determined by the roof overhang, heating width (A) and heating height (B):



2. Add the total gutter length and the total downspout length to the figure calculated in step 1 to get the total length of cable required.

3. Determine how many circuits are required. Divide the total length of cable by the maximum circuit length (see specifications, next page). Round that number up (for example, 2.1 to 3) to get the total number of circuits.

Roof Overhang (In.)	Heating Width A (Ft.)	Heating Height B (In.)	Spacing Factor
12	2	18	2
24	2	30	3
36	2	42	4

For larger roof overhang, determine cable required by using equation below:

Spacing factor = $\sqrt{B^2 + A^2}$