

## SRL and SRP Silicone Rubber Heating Blankets

### Product Highlights

- ✓ Suitable for large range of surfaces like tanks, hoppers, conveyors, silos, etc.
- ✓ Exceptional durability
- ✓ Easy-to-apply industrial strength pressure sensitive adhesive backing option
- ✓ Grounded heating element meets NEC 427.23
- ✓ Optional high-limit thermostat to protect heater and contents being heated

✓ **UL** <sup>us</sup> up to 358°F (181°C)



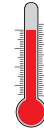
### Specifications:

- Power densities:
  - SRL series(\*): 2.5 watts/in<sup>2</sup> (.004 watts/mm<sup>2</sup>)
  - SRP series: 1.25 watts/in<sup>2</sup> (.002 watts/mm<sup>2</sup>)
- Moisture, chemical, and radiation resistant
- Heating element is laminated between two layers of 20mil fiberglass reinforced silicone rubber
- Exposure temperature range: -60°F to 450°F (-51°C to 232°C)
- Patented grounded heating element
- Dielectric strength of over 2000 volts
- Silicone density 21.7 oz/yd<sup>2</sup> (736 grams/m<sup>2</sup>) per layer
- Silicone rubber power leads: 48" (1219mm) standard length
- 120, 208, 240, 277, 480, or 600VAC

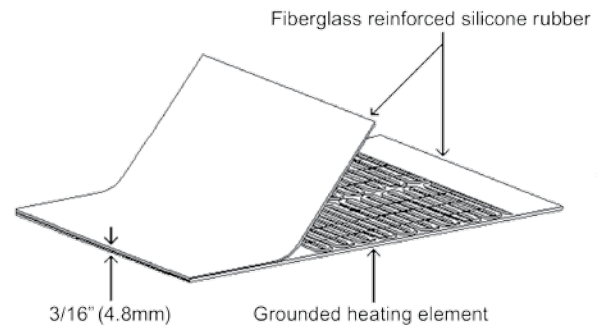
\* Consult factory if SRL series will be used on a plastic surface

Temperatures up to

**Moisture and Chemical Resistant**



**450°F (232°C)**



### About High-Limit Safety Thermostat:

BriskHeat® offers an optional high-limit safety thermostat to protect both the heater and the product being heated from damage if the main controlling device fails.

### Ordering Information:

#### Standard Sizes and Wattage

Size		Total Watts	
Width in (mm)	Length in (mm)	SRL Series: 2.5 watts/in <sup>2</sup> (.004 watts/mm <sup>2</sup> )	SRP Series: 1.25 watts/in <sup>2</sup> (.002 watts/mm <sup>2</sup> )
6 (152)	12 (305)	180	90
6 (152)	24 (610)	360	180
6 (152)	36 (914)	540	270
12 (305)	12 (305)	360	180
12 (305)	24 (610)	720	360
12 (305)	36 (914)	1080	540
18 (457)	18 (457)	810	405
18 (457)	36 (914)	1620	810
24 (610)	24 (610)	1440	720
24 (610)	36 (914)	2160	1080

Note: Plug not included

#### Part Number Matrix

SRL 06 12 1 P H150 -096

Product Series \_\_\_\_\_

SRL- (2.5 watts/in<sup>2</sup>), SRP- (1.25 watts/in<sup>2</sup>)

Width (inches) \_\_\_\_\_

Length (inches) \_\_\_\_\_

Voltage, 1-(120), 2-(240), 3-(277), 4-(480), 5-(208), 6-(600) \_\_\_\_\_

Pressure Sensitive Adhesive Option \_\_\_\_\_

P- (with), blank- (without)

High-Limit Safety Thermostat Option \_\_\_\_\_

H150- (150°F / 66°C) [recommended for plastic surfaces]

H450- (450°F / 232°C)

blank- no high-limit

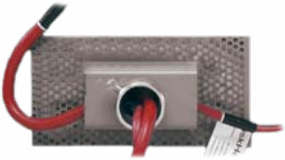
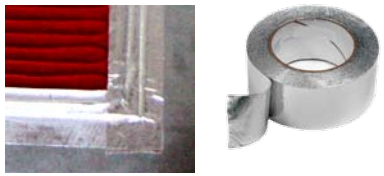


Lead Length Adjustment Option \_\_\_\_\_

Additional lead lengths in 6" increments example:  
096- (96"), blank- (standard 48")

**IMPORTANT: Temperature controller is required for this product.**  
See pages 80 through 100 for options.

**Other Sizes and Designs Available: Contact your local distributor or BriskHeat® for more information.**

## Silicone Rubber Heating Blanket Accessories

Accessory	Part Number	Usage
<p>Strain Relief/Conduit bracket</p> 	<ul style="list-style-type: none"> <li>SRLCB</li> </ul>	<p>Provides a strain relief for the blanket power wires and a mounting means for a 3/4" (19mm) electrical conduit.</p>
<p>Aluminum adhesive tape</p> 	<ul style="list-style-type: none"> <li>AAT2180 (2" x 180')</li> </ul>	<p>Maintains the heating blanket in intimate contact with the surface to be heated while pressure sensitive adhesive cures. Temperature limit: 550°F (288°C).</p>
<p>Heat Conductive Putty</p> 	<ul style="list-style-type: none"> <li>HCP1 (1lb / 0.5kg)</li> <li>HCP3 (3lb / 1.4kg)</li> </ul>	<p>Used to fill any voids between blanket and surface being heated.</p>
<p><b>NEW</b> INS Insulation</p> 	<ul style="list-style-type: none"> <li>INS11050</li> <li>INS15050</li> <li>INS48025</li> </ul>	<p>Cost effective, flexible thermal insulation for pipes and vessels.</p>