

Silicone-Rubber-Laminate Tank Heaters

Fast, Efficient Heat for Small Tanks and Vessels



- Flexible to conform to the surface of the tank or vessel
- Strong, durable construction
- Moisture and chemical resistant
- Requires less power than other methods
- 120 to 480 V
- Maximum 15 A
- Silicone rubber material temperature range: -70° to 392°F (-56° to 200°C)
- Widths: Up to 24 in. (610 mm)
- Lengths: Up to 96 in. (2.4 m)
- Watt densities:
 - ✓ 2.0 W/in.² (0.3 W/cm²) for metal tanks
 - ✓ 0.7 W/in.² (0.1 W/cm²) for plastic tanks
- Power rating: 200 W to 1.3 kW
- UL listed and CSA certified

The Chromalox® SLTH silicone-rubber-laminate tank heater provides reliable, efficient heat to metal and plastic tanks and vessels for freeze protection or process temperature control. The thin, flexible profile of the SLTH heater makes it easy to conform to the tank or vessel surface for fast, efficient heat transfer. Its rugged construction ensures dependable service.



Fast, Efficient Heat Transfer

The SLTH heater heats the contents of the tank or vessel by convection. Its thin profile together with direct application of the SLTH heater to a surface provides fast, efficient heat transfer. Less power is required to heat the contents compared to other methods.

Rugged Construction for Dependable Service

The construction of the SLTH heater combines flexibility and durability for harsh working environments. High-temperature resistance wire is laminated between two layers of moisture- and chemical-resistant silicone rubber/fiberglass fabric for durability and strength. Then it is calendared for a thin, flexible profile. A flexible stainless steel shroud provides additional protection.

Low-Watt-Density Heat for Metal and Plastic Tanks

Two watt densities are available. For metal tanks, SLTH heaters are designed to deliver 2.0 W/in.² (0.1 W/cm²). For plastic tanks (polypropylene, polyethylene, and other heat-sensitive vessels), SLTH heater watt density is 0.7 W/in.² (0.1 W/cm²).

Standard and Custom Sizes

A number of standard sizes are available. See the standard specification and ordering information table, selecting model number and PCN.

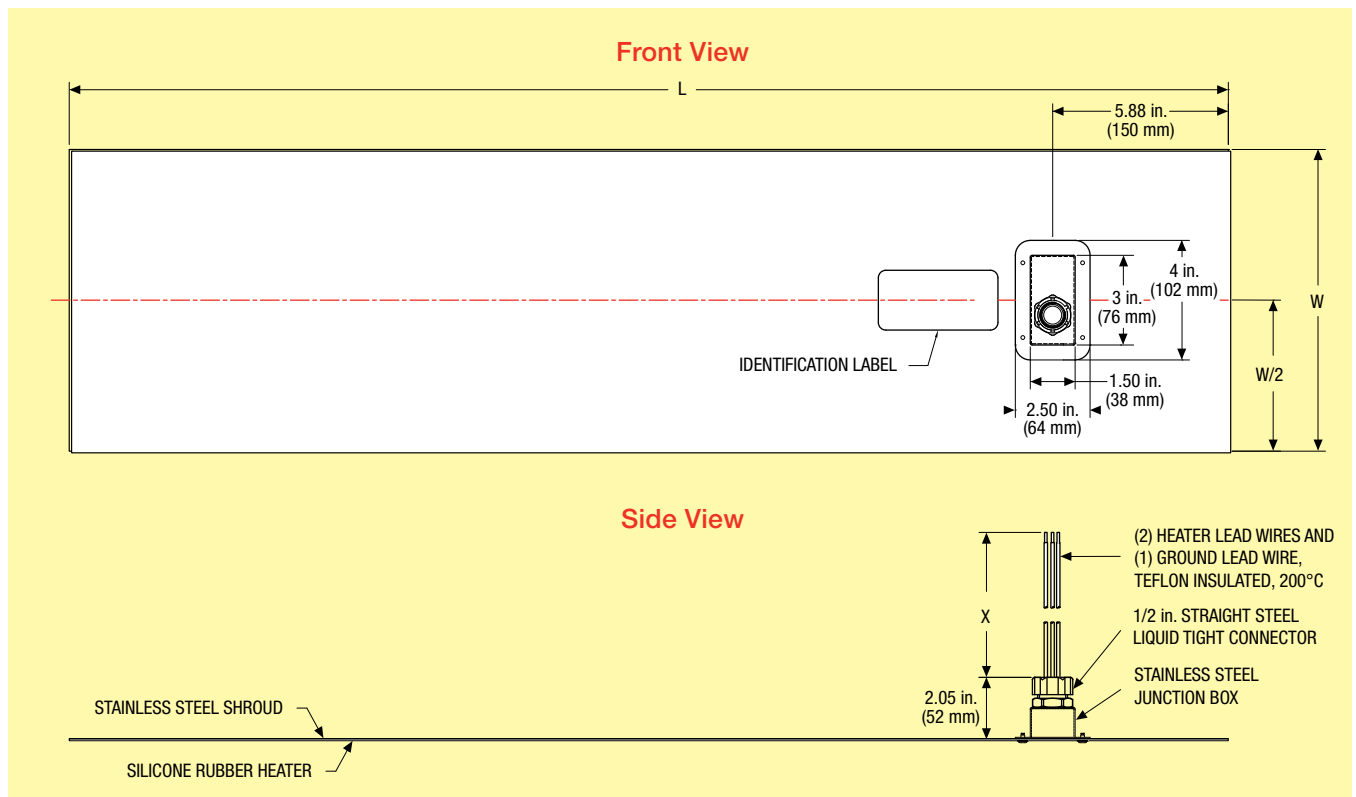
Custom sizes are also available and can be ordered using the custom ordering information.

An optional mounting kit is available for installation.

For assistance, consult your Chromalox representative.



Dimensional Specifications



Standard SLTH Specification and Ordering Information

Watts	Volts	Dimensions		Model No.	Stock	PCN	Weight lb (kg)
		Width in. (mm)	Length in. (mm)				
Metal Tanks or Vessels							
575	120	12 (305)	24 (610)	SLTHM11224072	NS	123318	2 (0.9)
575	240	12 (305)	24 (610)	SLTHM21224072	NS	123326	2 (0.9)
850	120	12 (305)	36 (915)	SLTHM11236072	NS	123334	3 (1.4)
850	240	12 (305)	36 (915)	SLTHM21236072	NS	123342	3 (1.4)
1,725	240	24 (610)	36 (915)	SLTHM22436072	NS	123350	4 (1.8)
Plastic Tanks or Vessels							
200	120	12 (305)	24 (610)	SLTHP11224072	NS	123369	2 (0.9)
200	240	12 (305)	24 (610)	SLTHP21224072	NS	123377	2 (0.9)
300	120	12 (305)	36 (915)	SLTHP11236072	NS	123385	3 (1.4)
300	240	12 (305)	36 (915)	SLTHP21236072	NS	123393	3 (1.4)
600	240	24 (610)	36 (915)	SLTHP22436072	NS	123406	4 (1.8)
Mounting Kit					S	123414	2 (0.9)

SLTH Tank Heaters Custom Ordering Information

SLTH **Silicone Rubber Tank Heater**

Code **W/in.²**

M 2.0

P 0.7

Code **Lead Length (in.)**

xx.xx

Code **Width (in.) (Available widths: 6, 12, 24 inches)**

xx.xx

Code **Length (in.) (Lengths available from 12" to 96")**

xx.xx

Code **Voltage**

1 120 V

2 240 V

4 480 V

SLTH- M 072 12 24 2 Typical Model Number



103 Gamma Drive
Pittsburgh, PA 15238
USA

Phone: (412) 967-3800
Fax: (412) 967-5148
Toll-Free: 1-800-443-2640

email: sales@chromalox.com
www.chromalox.com

Chromalox-UK
Unit 122, Lombard House
2 Purley Way
Croydon, Surrey, CR0 3JP
UK

Tel: +44 (0)20 8665 8900
Fax: +44 (0)20 8689 0571

email: uksales@chromalox.com
www.chromalox.co.uk

Chromalox-France
Route de Château-Thierry
Noyant et Aconin
F-02203 SOISSONS Cedex
France

Tel: +33 (0)3 23 74 39 39
Fax: +33 (0)3 23 74 39 00

email: francesales@chromalox.fr
www.chromalox.fr

Chromalox-Germany GmbH
Im Defdahl 10 B
44141 Dortmund
HRB 24583 AG Dortmund
Germany

Tel: +49 (0) 231-58 44 990-0
Fax: +49 (0) 231-58 44 990-9

email: Kontakt@chromalox.com
www.chromalox.de

Chromalox-China
Chromalox (Shanghai) Precision Heat
and Control Co., Ltd.
Suite A2, 4th Floor, Fenggu Building
88 Taigu Road
Waigaoqiao Free Trade Zone
Shanghai 200131
People's Republic of China

Tel: +86 (0)21-5866-8802
Fax: +86 (0)21-5866-8803

email: shanghai.office@chromalox.com
www.chromalox.cn

Chromalox-India
1st Floor, 6 UNICOM House
A-3 Commercial Complex
Janakpuri
New Delhi-10058
India

Tel: +91-11-25623134
Fax: +91-11-25623480

email: indiasales@chromalox.com
www.chromalox.in

Chromalox-Thailand
75/57, 75/237-240, Moo 10
Sukhumvit Road
Thung Sukala
Sriracha
Chon Buri, 20230
Thailand

Tel: +66 (0)38 492944/5
Fax: +66 (0)38 492946

email: asiasales@chromalox.com
www.chromalox.com