



CONRAD

CONRAD ELECTRICALLY HEATED SILICONE BLANKETS



CONRAD SILICONE RUBBER HEATING BLANKETS

of heat over relatively large areas is desired. Typical installations include storage drums and vessels, process and holding tanks, etc.

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are an efficient and economical method of heating flat, round, or curved surfaces. Holes, slits, and notches may be located as needed. Maximum economy is realized throughout the selection of appropriate elemental and sheath materials. Permanent or temporary installation is facilitated by utilizing various attaching methods.

Silicone Rubber Heating Blankets utilize a heating element which consists of fine gauge, stranded and stress relieved wire, Nickel Chrome Iron or Nickel Copper alloys are used throughout for durable and reliable service. This construction imparts excellent resistance to damage due to flexing and bending of the blanket. The blanket sheath is a two-ply or four-ply silicone rubber coated fiberglass that is vulcanized onto and completely encases and protects the heating element. Lead wires are mechanically attached to the heating element for superior high-temperature corrosion protection. The lead termination's are bonded to the blanket sheath for maximum pullout resistance.

Silicone Blankets may be permanently installed using adhesives applied by the customer. Temporary or removable placement for purposes of maintenance, container cleaning, etc. is facilitated by the addition of hooks, eyelets, or Velcro® closure attached to the blanket for this purpose.

CONRAD Silicone Rubber Heating Blankets are qualified under The Underwriters Laboratories Component Recognition File Number 69443 for applications not exceeding 392°F.

SPECIFICATIONS:

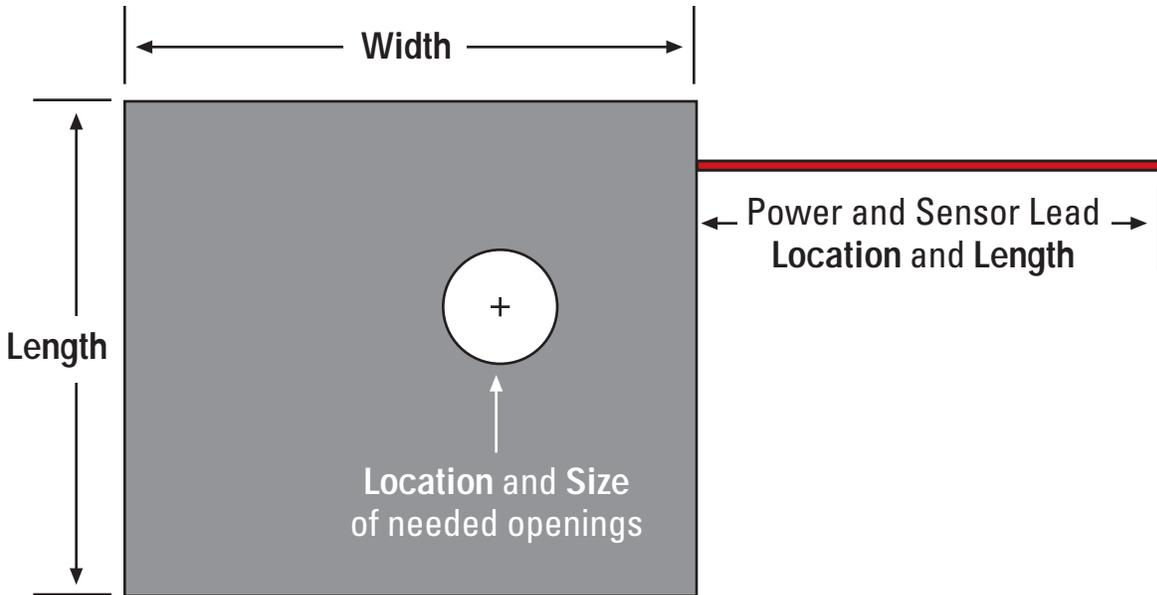
Temperature Rating	400°F maximum
Size/Shape Limitations	Maximum width of 32", no maximum length
Thickness	~0.06" (Single-Ply) ~0.12" (Dual-Ply)
Voltage	Any AC or DC
Wattage	Customer specified (Normal maximum of 5 Watts per square inch)
Power Lead wires	Silicone Rubber, SJ Power Cord, or Teflon insulated stranded wire
Attachment	Hooks, Lacing Eyelets, or Velcro® Closure.



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ORDERING INFORMATION



- Drawing with pertinent dimensions - or -
- A description of item to be heated including open or unheated areas, special port or access requirements.
- Voltage and Wattage (if known).
- Temperature control method desired including addition of a thermocouple or other temperature sensors in heater.