



# ELECTRO-FLEX HEAT

a Division of MCF, LLC

## Product Data Sheet for Pipe Heaters

### FEATURES

- Standard sizes in the most frequently requested dimensions for immediate delivery
- 115V standard
- Built-in thermostat turns on at temperatures below 40°F and turns off at 60°F
- Resistant to many chemical substances
- Easy to install/deinstall
- Components UL Recognized and CSA Certified
- Custom lengths available

### APPLICATIONS

Freeze protection and frozen pipe thawing:

- Water pipes
- Dairy and livestock facilities
- Wineries/breweries

Please contact the engineering department at Electro-Flex Heat, a Division of MCF, LLC, for assistance with specific applications.



### GENERAL INFORMATION

Pipe Heaters are made of wire-wound circuits laminated between thin layers of fiberglass-reinforced, high-temperature insulation, silicone rubber.

Pipe Heaters are used to provide freeze protection and frozen pipe thawing in a variety of indoor and outdoor applications.

They are pre-formed in a spiral configuration for easy and quick wrapping/unwrapping around metal pipes. The thermostat end secures to the pipe with Velcro<sup>®</sup> tape, making installation and deinstallation/re-use also quick and easy.

A built-in, surface sensing thermostat maintains the temperature to prevent freezing or condensation along the pipe. The thermostat turns on at temperatures below 40°F and turns off at 60°F.

Silicone rubber heaters are resistant to temperature extremes, moisture, weathering, radiation, fungus and chemical attack. They also have a high dielectric strength, flexibility, provide a cost effective heating solution

### How to order:

1. Determine specifications desired (see Figure 1 and Table 2).
2. Select model number (see Table 2).
3. Contact factory or representative (see back page for contact information).

# Pipe Heaters



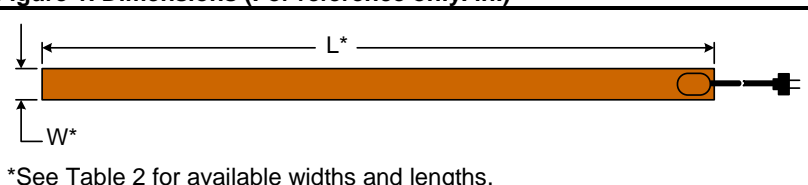
**Table 1. General Specifications**

Characteristic	Value
Material and construction	fully vulcanized fiberglass-reinforced silicone rubber encapsulating a nickel alloy or thin foil heating element
Voltage	115V
Power density (115V)	2.5W/in <sup>2</sup>
Operating temperature range	turns on at temperatures below 40°F and turns off at 60°F
Exposure temperature range	-
Resistance tolerance	±10%
Thickness	0.08in. (approx.)
Cord: plug length	two prong 6ft.
Component approvals	UL, CSA
High-potential dielectric testing (115V)	1250V
Serviceable parts	none

**Table 2. Order Guide (at 115V)**

Model Number	Width (in.)	Length (in.)	Wattage (W)
024	1.0	24.0	75
048	1.0	48.0	150
072	1.0	72.0	225

**Figure 1. Dimensions (For reference only. in.)**



## WARRANTY AND LIMITATION OF REMEDY AND LIABILITY

**Electro-Flex Heat, a Division of MCF, LLC (hereafter referred to as “Electro-Flex Heat”)** warrants its products against defects in material and workmanship for at least one (1) year from the time of delivery, provided such product is properly applied, used and maintained. **Electro-Flex Heat** does not warrant any product against damage from corrosion, contamination, misapplication, improper specification or wear and tear and operational conditions beyond **Electro-Flex Heat’s** control. The terms of this warranty are the exclusive terms available to buyer and to any other person or entity to which products are transferred during the period of this warranty. No person has authority to bind **Electro-Flex Heat** to a presentation or warranty other than this express warranty.

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**USERS ARE RESPONSIBLE FOR THE SUITABILITY OF THE PRODUCTS TO THEIR APPLICATION. PRICING IS F.O.B.**



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